Authors	Title	Year	Source title	Cited by	DOI	Link	Source
Mukherjee S.; Das P.; Ghosh G.; Bose S.; Amal Dev J.; Das K.; Tomson J.K.	Reply to comments on “Petrography, geochemistry and detrital zircon geochronology of the Srisailam Quartzite Formation, Cuddapah Basin, India: Implications for depositional age, correlation and provenance” of Mukherjee et al. (2023)	2023	Precambrian Research	0	10.1016/j.precamres.2023.107237	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179752620&doi=10.1016%2fj.precamres.2023.107237&partnerID=40&md5=009e97a4daf5ae71b99661ba531e67cb	Scopus
Mondal S.K.; Rahman M.; Sarkar S.; Adhikari A.	Revisiting Yoyo Tricks on AES	2023	IACR Transactions on Symmetric Cryptology	0	10.46586/tosc.v2023.i4.28-57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179364385&doi=10.46586%2ftosc.v2023.i4.28-57&partnerID=40&md5=2df30665a20143fce61e97c5d82cfd6a	Scopus
Goswami S.; Mandal P.; Sarkar S.; Mukherjee M.; Pal S.; Mallick D.; Mukherjee D.	Flexible NHC-aryloxido aluminum complex and its zwitterionic imidazolium aluminate precursor in ring-opening polymerization of ϵ-caprolactone	2023	Dalton Transactions	0	10.1039/d3dt02932h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181514748&doi=10.1039%2fd3dt02932h&partnerID=40&md5=eb2fb1ade327974b8c027ce59edc049d	Scopus
Biswas G.; Garai T.; Santra U.	A possibility-based multi-criteria decision-making approach for artificial recharge structure selection using pentagonal fuzzy numbers	2023	Decision Analytics Journal	0	10.1016/j.dajour.2023.100365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181924185&doi=10.1016%2fj.dajour.2023.100365&partnerID=40&md5=aba008e4e9f5896cf4f8a90490a4418a	Scopus
Talukdar A.; Kundu P.; Bhattacharjee S.; Dey S.; Dey A.; Biswas J.K.; Chaudhuri P.; Bhattacharya S.	Microplastics in mangroves with special reference to Asia: Occurrence, distribution, bioaccumulation and remediation options	2023	Science of the Total Environment	2	10.1016/j.scitotenv.2023.166165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169593102&doi=10.1016%2fj.scitotenv.2023.166165&partnerID=40&md5=7560ad3c79b083d84665c0b57e4a3a22	Scopus

Amin R.; Darwin R.; Chakraborty S.; Dey A.; Dhama K.; Emran T.B.	Advances in CAR T-cell therapy for treating patients with mantle cell lymphoma: a critical appraisal	2023	International journal of surgery (London, England)	0	10.1097/JS9.0000000000000691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183312117&doi=10.1097%2fJS9.0000000000000691&partnerID=40&md5=d279e6d7c88daf2477005b07cea1dc09	Scopus
Arshed T.; Sarkar S.D.	Competition law and community-based sustainable development: A case study of selected homestays in the Kalimpong District of West Bengal, India	2023	Regulating Fair Competition Toward Sustainable Development Goals	0	10.4018/9798369303900.ch009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183788646&doi=10.4018%2f9798369303900.ch009&partnerID=40&md5=7c632102d13a0f58d5956ec93ed124ec	Scopus
Biswas A.; Pal S.; Paul S.	Silicon as a powerful element for mitigation of cadmium stress in rice: A review for global food safety	2023	Plant Stress	1	10.1016/j.stress.2023.100237	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173698072&doi=10.1016%2fj.stress.2023.100237&partnerID=40&md5=e3b37c43ddb1a273e76409203c465766	Scopus
Dutta S.; Pal S.; Ahammed N.; Sahoo S.; Chatterjee S.; De S.	Enhanced Electrochemical Performance of BiOCl Nanoflower-RGO Based Supercapacitor in the Presence of Redox Additive Electrolyte	2023	ECS Journal of Solid State Science and Technology	0	10.1149/2162-8777/acf2c4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170536269&doi=10.1149%2f2162-8777%2facf2c4&partnerID=40&md5=96416d159c36e34fe0a62e9a36caebba	Scopus
Das S.; Manna S.; Chowdhury S.P.; Sarkar M.P.	Sulfur-Markers, From Urine of Fishing Cat: the Putative Pheromonal Compounds of Water-Loving, Vulnerable State Animal of West Bengal	2023	Proceedings of the Zoological Society	1	10.1007/s12595-023-00503-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173748815&doi=10.1007%2fs12595-023-00503-3&partnerID=40&md5=24e5e967c2e6fd31560bc9e3f0e755e6	Scopus

Chakraborty A.; Chatterjee S.; Lacy M.; Roy S.; Roy S.; Kar Chowdhury R.	Cosmological Simulations of Galaxy Groups and Clusters. III. Constraining Quasar Feedback Models with the Atacama Large Millimeter Array	2023	Astrophysical Journal	0	10.3847/1538-4357/ace1e4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169326033&doi=10.3847%2f1538-4357%2face1e4&partnerID=40&md5=2733e5cfe833e8968fa9e78c001c462b	Scopus
Basu A.; Manna S.; Kumar Sil A.	A new electro-active bacterium, Paraclostridium sp. AKS46, converts waste efficiently into electricity in microbial fuel cell	2023	Chemical Engineering Journal	0	10.1016/j.cej.2023.145626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171426143&doi=10.1016%2fj.cej.2023.145626&partnerID=40&md5=64302e95edc2c8b673702c5e3db59723	Scopus
Chavan J.J.; Dey A.	Zingiber zerumbet (L.) Roscoe ex Sm.: biotechnological advancements and perspectives	2023	Applied Microbiology and Biotechnology	1	10.1007/s00253-023-12682-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165610458&doi=10.1007%2fs00253-023-12682-2&partnerID=40&md5=e22f3aa1daea2340d79e0d31e6f4988a	Scopus
Mandal S.; Anand U.; López-Bucio J.; Radha; Kumar M.; Lal M.K.; Tiwari R.K.; Dey A.	Biostimulants and environmental stress mitigation in crops: A novel and emerging approach for agricultural sustainability under climate change	2023	Environmental Research	8	10.1016/j.envres.2023.116357	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165249337&doi=10.1016%2fj.envres.2023.116357&partnerID=40&md5=13d77e6dca590017c4b6cb73526f553a	Scopus
Alex B.K.; Anand U.; Koshy E.P.; Dey A.; Thomas G.	Analysis of non-volatile metabolites and quantitation of the anti-arthritic alkaloid sinomenine from blood fruit (Haematocarpus validus (Miers) Bakh.f. ex Forman)	2023	Naunyn-Schmiedeberg's Archives of Pharmacology	0	10.1007/s00210-023-02498-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173972143&doi=10.1007%2fs00210-023-02498-2&partnerID=40&md5=0ecbb72dfa45d15fa034b8ae5919d577	Scopus

Basu S.; Mukherjee G.; Nandi S.; Nayak S.S.; Bhattacharyya S.; Bhattacharya S.; Dar S.; Das S.; Basak S.; Kumar D.; Paul D.; Banerjee K.; Roy P.; Manna S.; Kundu S.; Rana T.K.; Pandey R.; Chatterjee S.; Raut R.; Ghugre S.S.; Samanta S.; Banik R.; Karmakar A.; Chattopadhyay S.; Gupta S.D.; Pallav P.; Rajbanshi S.; Ali S.; Pai H.	Revealing new structures in odd–odd 54 Mn nucleus	2023	European Physical Journal A	0	10.1140/epja/s10050-023-01147-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174232890&doi=10.1140%2fepja%2fs10050-023-01147-9&partnerID=40&md5=3d864eef3d1ead62f0843411c07dfd71	Scopus
Giarè W.; Pan S.; Di Valentino E.; Yang W.; de Haro J.; Melchiorri A.	Inflationary potential as seen from different angles: model compatibility from multiple CMB missions	2023	Journal of Cosmology and Astroparticle Physics	2	10.1088/1475-7516/2023/09/019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173011207&doi=10.1088%2f1475-7516%2f2023%2f09%2f019&partnerID=40&md5=f9621f0b328039d38022f141a2b1a1f2	Scopus
Bhowmick S.; Biswas T.; Ahmed M.; Roy D.; Mondal S.	Caveolin-1 and lipids: Association and their dualism in oncogenic regulation	2023	Biochimica et Biophysica Acta - Reviews on Cancer	0	10.1016/j.bbcan.2023.189002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174360440&doi=10.1016%2fj.bbcan.2023.189002&partnerID=40&md5=c4725f84e98f6f65bdab5fe21ecf538a	Scopus
Biswas C.; Bhowal A.; Roy E.; Dutta W.; Ray P.	Territorial and Courtship Behaviour of Indian Common Crow Butterfly (Euploea core core)	2023	Journal of the Lepidopterists' Society	0	10.18473/lepi.77i3.a4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176114283&doi=10.18473%2flepi.77i3.a4&partnerID=40&md5=62940a40345f41921eee8c3d46ad10cb	Scopus

Ganguly M.; Das S.K.; Ekblad A.; Behera P.K.	Variation of δ15N in Indian coal, lignite and peat	2023	Geochemistry	0	10.1016/j.chemer.2023.126013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165122760&doi=10.1016%2fj.chemer.2023.126013&partnerID=40&md5=83d2b68987003d3798ae0ac1777f3771	Scopus
de Haro J.; Nojiri S.; Odintsov S.D.; Oikonomou V.K.; Pan S.	Finite-time cosmological singularities and the possible fate of the Universe	2023	Physics Reports	18	10.1016/j.physrep.2023.09.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172676480&doi=10.1016%2fj.physrep.2023.09.003&partnerID=40&md5=8289451a3ca765776e4cbb7cf07091c5	Scopus
Kumar S.; Nunes R.C.; Pan S.; Yadav P.	New late-time constraints on f(R) gravity	2023	Physics of the Dark Universe	1	10.1016/j.dark.2023.101281	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164698690&doi=10.1016%2fj.dark.2023.101281&partnerID=40&md5=df524f16d5319cb3d0187c6ff638195f	Scopus
Manokari M.; Dey A.; Faisal M.; Alatar A.A.; Singh R.K.; Shekhawat M.S.	Silicon Nanoparticles (SiNPs) Positively Affect Morpho-Structural Differentiation in Micropropagated Plantlets of Santalum album L.	2023	Silicon	2	10.1007/s12633-023-02558-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163088619&doi=10.1007%2fs12633-023-02558-5&partnerID=40&md5=8094bf75d52b2a045974841ba29a8beb	Scopus
Garai T.; Garg H.; Biswas G.	Possibilistic index-based multi-criteria decision-making with an unknown weight of air pollution model under bipolar fuzzy environment	2023	Soft Computing	3	10.1007/s00500-023-09008-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166426332&doi=10.1007%2fs00500-023-09008-9&partnerID=40&md5=faa7dd599b1dcb91c42ce3e49399ca87	Scopus
Biswas S.; Chakrabarti A.	Complete escape from localization on a hierarchical lattice: A Koch fractal with all states extended	2023	Physical Review B	0	10.1103/PhysRevB.108.125430	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172412368&doi=10.1103%2fPhysRevB.108.125430&partnerID=40&md5=47f94cb8dc444c95416ed79023c17d96	Scopus

Das N.C.; Chakraborty P.; Nandy S.; Dey A.; Malik T.; Mukherjee S.	Programmed cell death pathways as targets for developing antifilarial drugs: Lessons from the recent findings	2023	Journal of Cellular and Molecular Medicine	1	10.1111/jcmm.17913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168480899&doi=10.1111%2fjcmm.17913&partnerID=40&md5=5199a637472c6dcbe111d550a90aab13	Scopus
Beri A.; Shastri P.; Banyal R.; Chatterjee D.; Chatterjee R.; Jassal H.; Kanekar N.; Kharb P.; Misra K.	Towards gender equity in Indian astronomy	2023	AIP Conference Proceedings	0	10.1063/5.0175638	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179831268&doi=10.1063%2f5.0175638&partnerID=40&md5=92de349bf86574eff49381da7c3805e5	Scopus
Chakrabarty P.; Sen R.; Sengupta S.	From parasites to partners: exploring the intricacies of host-transposon dynamics and coevolution	2023	Functional and Integrative Genomics	0	10.1007/s10142-023-01206-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168705817&doi=10.1007%2fs10142-023-01206-w&partnerID=40&md5=00c5a82b1ecdb0f697d98cf80bc03a54	Scopus
Sengupta D.; Mukhopadhyay P.; Banerjee S.; Ganguly K.; Mascharak P.; Mukherjee N.; Mitra S.; Bhattacharjee S.; Mitra R.; Sarkar A.; Chaudhuri T.; Bhattacharjee G.; Nath S.; Roychoudhury S.; Sengupta M.	Identifying polymorphic cis-regulatory variants as risk markers for lung carcinogenesis and chemotherapy responses in tobacco smokers from eastern India	2023	Scientific Reports	0	10.1038/s41598-023-30962-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149960276&doi=10.1038%2fs41598-023-30962-9&partnerID=40&md5=601a2ad09e730bb86e76d25ca4d3e952	Scopus
M C.R.; M M.; Dey A.; Faisal M.; Alatar A.A.; Singh R.K.; Shekhawat M.S.	Improvements in morphometric and structural traits of Vitex trifolia L. to exogenous application of nano-silicon in vitro	2023	South African Journal of Botany	0	10.1016/j.sajb.2023.07.049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166250665&doi=10.1016%2fj.sajb.2023.07.049&partnerID=40&md5=6de49178cde11b76422abd2c986969af	Scopus

Huang Z.; Dewanjee S.; Chakraborty P.; Jha N.K.; Dey A.; Gangopadhyay M.; Chen X.-Y.; Wang J.; Jha S.K.	CAR T cells: engineered immune cells to treat brain cancers and beyond	2023	Molecular Cancer	9	10.1186/s12943-022-01712-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147114497&doi=10.1186%2fs12943-022-01712-8&partnerID=40&md5=44e89e6b9eb9e7eb77ab3e5a5f59b4ca	Scopus
Sabnam N.; Hussain A.; Saha P.	The secret password: Cell death-inducing proteins in filamentous phytopathogens - As versatile tools to develop disease-resistant crops	2023	Microbial Pathogenesis	0	10.1016/j.micpath.2023.106276	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167820986&doi=10.1016%2fj.micpath.2023.106276&partnerID=40&md5=aee3c0e36656e8b4cfc07daf41835fa4	Scopus
Mukherjee A.G.; Renu K.; Gopalakrishnan A.V.; Jayaraj R.; Dey A.; Vellingiri B.; Ganesan R.	Epicardial adipose tissue and cardiac lipotoxicity: A review	2023	Life Sciences	2	10.1016/j.lfs.2023.121913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164344741&doi=10.1016%2fj.lfs.2023.121913&partnerID=40&md5=bf112da14e3cd918b8f4f2433e41b4a9	Scopus
Ahmed S.K.; El-Kader R.G.A.; Abdulqadir S.O.; Abdullah A.J.; El-Shall N.A.; Chandran D.; Dey A.; Emran T.B.; Dhama K.	Monkeypox clinical symptoms, pathology, and advances in management and treatment options: an update	2023	International journal of surgery (London, England)	4	10.1097/JS9.0000000000000091	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159696265&doi=10.1097%2fJS9.0000000000000091&partnerID=40&md5=eb338f9948f9adacba206e81d034c5fb	Scopus
Diwan R.; Prince R.; Agarwal A.; Bose D.; Majumdar P.; Özdönmez A.; Chandra S.; Khatoon R.; Ege E.	Multiwavelength study of TeV blazar 1ES 1218+304 using gamma-ray, X-ray and optical observations	2023	Monthly Notices of the Royal Astronomical Society	1	10.1093/mnras/stad2088	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168148931&doi=10.1093%2fmnras%2fstad2088&partnerID=40&md5=f5540b69228170565ac24af20bbb1d6d	Scopus
Roy A.; Garai N.; Biswas J.K.	Exploration of urban sustainability in India through the lens of sustainable development goals	2023	Discover Sustainability	0	10.1007/s43621-023-00158-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174482340&doi=10.1007%2fs43621-023-00158-2&partnerID=40&md5=5dc017eb4000b5748ae68702a117d4e4	Scopus

Mandal A.; Biswas N.; Alam M.N.	Implications of xenobiotic-response element(s) and aryl hydrocarbon receptor in health and diseases	2023	Human Cell	3	10.1007/s13577-023-00931-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162006385&doi=10.1007%2fs13577-023-00931-5&partnerID=40&md5=4b15ee686ec690658341996936f72b9c	Scopus
Bandyopadhyay A.; Das T.; Nandy S.; Sahib S.; Preetam S.; Gopalakrishnan A.V.; Dey A.	Ligand-based active targeting strategies for cancer theranostics	2023	Naunyn-Schmiedeberg's Archives of Pharmacology	2	10.1007/s00210-023-02612-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165186136&doi=10.1007%2fs00210-023-02612-4&partnerID=40&md5=f839f32019610f41d7e63ef18929f83c	Scopus
Tikader I.; Mallick O.; Acharyya M.	Effects of geometry, boundary condition and dynamical rules on the magnetic relaxation of Ising ferromagnet	2023	International Journal of Modern Physics C	0	10.1142/S0129183123501474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158888159&doi=10.1142%2fS0129183123501474&partnerID=40&md5=31828400cc89be0372d8cfa5ecc21bba	Scopus
Sanyal R.; Pandey S.; Nandi S.; Mondal R.; Samanta D.; Mandal S.; Manokari M.; Mishra T.; Dhama K.; Pandey D.K.; Shekhawat M.S.; Dey A.	Biotechnology of Passiflora edulis: role of Agrobacterium and endophytic microbes	2023	Applied Microbiology and Biotechnology	1	10.1007/s00253-023-12667-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165949960&doi=10.1007%2fs00253-023-12667-1&partnerID=40&md5=1968225fb67c90872135eaace90bf00c	Scopus
Ivy N.; Bhattacharya S.; Dey S.; Gupta K.; Dey A.; Sharma P.	Effects of microplastics and arsenic on plants: Interactions, toxicity and environmental implications	2023	Chemosphere	10	10.1016/j.chemosphere.2023.139542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165316324&doi=10.1016%2fj.chemosphere.2023.139542&partnerID=40&md5=5dff392b1e2f8439ea405d50ca647469	Scopus

Prince R.; Banerjee A.; Sharma A.; Kumar Das A.; Gupta A.C.; Bose D.	Quasi-periodic oscillation detected in γ -rays in blazar PKS 0346-27	2023	Astronomy and Astrophysics	0	10.1051/0004-6361/202346400	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175097742&doi=10.1051%2f0004-6361%2f202346400&partnerID=40&md5=cddea3399f05729f5ed02bcfedb03321	Scopus
Mallick K.; Sahana M.; Chatterjee S.	Comparing Delphi–fuzzy AHP and fuzzy logic membership in soil fertility assessment: a study of an active Ganga Delta in Sundarban Biosphere Reserve, India	2023	Environmental Science and Pollution Research	1	10.1007/s11356-022-21983-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177715719&doi=10.1007%2fs11356-022-21983-4&partnerID=40&md5=4c53df918c866b4bb63665084b04021d	Scopus
Hazra S.; Moulick D.; Mukherjee A.; Sahib S.; Chowardhara B.; Majumdar A.; Upadhyay M.K.; Yadav P.; Roy P.; Santra S.C.; Mandal S.; Nandy S.; Dey A.	Evaluation of efficacy of non-coding RNA in abiotic stress management of field crops: Current status and future prospective	2023	Plant Physiology and Biochemistry	2	10.1016/j.plaphy.2023.107940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171975019&doi=10.1016%2fj.plaphy.2023.107940&partnerID=40&md5=2a6e75944f031b129bcd658e3ce152d5	Scopus
Das A.	Insect transmission of plant viruses: Lectins as potent controlling agents	2023	Emerging Technologies to Combat Biotic Stress in Crop Plants and Food Security	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178112659&partnerID=40&md5=babfaf1c99d276aada952e2fb84fa0e9	Scopus
Kumari N.; Kumar M.; Chaudhary N.; Zhang B.; Radha; Chandran D.; Joshi S.; Singh D.; Dey A.; Rajalingam S.; Natarajan K.; Muthukumar M.; Mohankumar P.; Sheri V.; Dhumal S.; Lorenzo J.M.	Exploring the Chemical and Biological Potential of Jamun (Syzygium cumini (L.) Skeels) Leaves: A Comprehensive Review	2023	Chemistry and Biodiversity	1	10.1002/cbdv.202300479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169929637&doi=10.1002%2fcbdv.202300479&partnerID=40&md5=cf964e3a09ba12586450a262ced2bdff	Scopus

Mohsin M.; Bhunia S.; Nayak A.	Ferroelectric ZnSnS3 thin films: growth and measurement of photovoltaic properties	2023	Journal of Materials Science: Materials in Electronics	0	10.1007/s10854-023-11545-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177424142&doi=10.1007%2fs10854-023-11545-w&partnerID=40&md5=a962ccd70801260e37c36238164edc27	Scopus
Bera A.; Hassan S.; Smith A.; Cen R.; Garaldi E.; Kannan R.; Vogelsberger M.	Bridging the Gap between Cosmic Dawn and Reionization Favors Models Dominated by Faint Galaxies	2023	Astrophysical Journal	1	10.3847/1538-4357/ad05c0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178116595&doi=10.3847%2f1538-4357%2fad05c0&partnerID=40&md5=97b630173547be0d1cde5e308dcd88f4	Scopus
Roy C.; Ghosh S.; Das M.	Genomics of parasitic plants that are a threat to agriculture: Recent developments and future strategies	2023	Emerging Technologies to Combat Biotic Stress in Crop Plants and Food Security	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178104922&partnerID=40&md5=ad6a5639287fa92afd33f7d75e7c9f20	Scopus
Pramanik S.; Das B.	High-temperature and high-pressure thermodynamic properties of aqueous zinc sulfate solutions	2023	Fluid Phase Equilibria	1	10.1016/j.fluid.2023.113850	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159128625&doi=10.1016%2fj.fluid.2023.113850&partnerID=40&md5=ac2e58b72323f644bf96e86bdbc9920c	Scopus
Tapadar P.; Pal A.; Ghosal N.; Kumar B.; Paul T.; Biswas N.; Pal R.	CDH1 overexpression sensitizes TRAIL resistant breast cancer cells towards rhTRAIL induced apoptosis	2023	Molecular Biology Reports	1	10.1007/s11033-023-08657-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164160327&doi=10.1007%2fs11033-023-08657-1&partnerID=40&md5=eb82ca13bf4e27329c8b012b87555e55	Scopus

Praharaj S.; Guha S.	An Interesting Class of Non-Kac Random Polynomials	2023	Journal of the Indian Society for Probability and Statistics	0	10.1007/s41096-023-00166-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173716572&doi=10.1007%2fs41096-023-00166-5&partnerID=40&md5=24a6f94bcabb321ee459f0242909e7eb	Scopus
Raychaudhuri B.	Physical Computing with Arduino	2023	Physics Teacher	0	10.1119/5.0108658	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179390903&doi=10.1119%2f5.0108658&partnerID=40&md5=3181ba51a4eb484765fd54d245c9b312	Scopus
Sanyal J.	Assessing the Influence of Upstream Basin and Climatic Characteristics on Post-Dam Downstream Streamflow Changes: Empirical Insights from Peninsular India	2023	Water Resources	0	10.1134/S0097807823600729	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178106303&doi=10.1134%2fS0097807823600729&partnerID=40&md5=9de46a31e72ccd9d26c4930432fb2200	Scopus
Misra S.; Paul S.; Pakrashy S.; Ghosh S.; Naskar S.; Maurya P.K.; Sardar P.S.; Venkateswarlu K.; Bose A.; Majhi A.	De-Novo drug design of novel 1,2,3–triazole-naphthamide as an inhibitor of SARS-Cov-2 main protease: Synthesis, bioinformatics and biophysical studies	2023	Indian Journal of Chemistry (IJC)	0	10.56042/ijc.v62i10.1578	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176439108&doi=10.56042%2fijc.v62i10.1578&partnerID=40&md5=b49dbfa72a704bf59c7a78359bc57540	Scopus
Mukherjee A.G.; Gopalakrishnan A.V.; Jayaraj R.; Renu K.; Dey A.; Vellingiri B.; Malik T.	The incidence of male breast cancer: from fiction to reality - correspondence	2023	International journal of surgery (London, England)	2	10.1097/JS9.0000000000000512	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173583284&doi=10.1097%2fJS9.0000000000000512&partnerID=40&md5=ba221653fade0816f0f3513343238998	Scopus
Katoch K.; Nazir R.; Khamparia A.; Pandey B.; Dey A.; Pandey D.K.	Optimization of microwave-assisted extraction of plumbagin from Plumbago zeylanica by response surface methodology and adaptive neuro-fuzzy inference system modelling	2023	Industrial Crops and Products	3	10.1016/j.indcrop.2023.117107	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165338203&doi=10.1016%2fj.indcrop.2023.117107&partnerID=40&md5=1d3cd7356d810e0593e56758617f913e	Scopus

Sinha S.K.; Dolai A.; Roy A.B.; Manna S.; Das A.	The Flower Colour Influences Spontaneous Nectaring in Butterflies: a Case Study with Twenty Subtropical Butterflies	2023	Neotropical Entomology	0	10.1007/s13744-023-01086-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173811533&doi=10.1007%2fs13744-023-01086-6&partnerID=40&md5=0262952c1bf0193dbfb44908e83e553b	Scopus
Giri R.; Das A.K.	The Journal of Scientometric Research: A Statistical Outlook of the First Eleven Volumes of the Journal	2023	Journal of Scientometric Research	0	10.5530/JSCIRES.12.3.070	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180117913&doi=10.5530%2fJSCIRES.12.3.070&partnerID=40&md5=5290d8faf9ff300c8b338149ea7c51f0	Scopus
Gayen P.; Koley R.	Scalar and spinor quasi normal modes of a 2D dilatonic blackhole	2023	General Relativity and Gravitation	0	10.1007/s10714-023-03178-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175876209&doi=10.1007%2fs10714-023-03178-5&partnerID=40&md5=72ba0f6dd249673ee365de99add9caaa	Scopus
Roy R.; Chakrabarti B.; Gammal A.	Out of equilibrium many-body expansion dynamics of strongly interacting bosons	2023	SciPost Physics Core	0	10.21468/SciPostPhysCore.6.4.073	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176364556&doi=10.21468%2fSciPostPhysCore.6.4.073&partnerID=40&md5=19a0450aea4aecae45cdc7e3ab573f21	Scopus
Barik G.K.; Sahay O.; Mukhopadhyay A.; Manne R.K.; Islam S.; Roy A.; Nath S.; Santra M.K.	FBXW2 suppresses breast tumorigenesis by targeting AKT-Moesin-SKP2 axis	2023	Cell Death and Disease	2	10.1038/s41419-023-06127-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171668215&doi=10.1038%2fs41419-023-06127-x&partnerID=40&md5=bd71de808d52fd9c03561d251c6f3925	Scopus

Mondal R.; Pal P.; Biswas S.; Chattopadhyay A.; Bandyopadhyay A.; Mukhopadhyay A.; Mukhopadhyay P.K.	Attenuation of sodium arsenite mediated ovarian DNA damage, follicular atresia, and oxidative injury by combined application of vitamin E and C in post pubertal Wistar rats	2023	Naunyn-Schmiedeberg's Archives of Pharmacology	1	10.1007/s00210-023-02491-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156127574&doi=10.1007%2fs00210-023-02491-9&partnerID=40&md5=826d42ed76a021c764af7c25cc49c663	Scopus
Das S.; Chatterjee R.	Correlated short time-scale hard-soft X-ray variability of the blazars Mrk 421 and 1ES 1959+650 using AstroSat	2023	Monthly Notices of the Royal Astronomical Society	1	10.1093/mnras/stad2131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168095222&doi=10.1093%2fmnras%2fstad2131&partnerID=40&md5=74adafe20f3558485c4418e805caf361	Scopus
Ali M.P.; Clemente-Orta G.; Kabir M.M.M.; Haque S.S.; Biswas M.; Landis D.A.	Landscape structure influences natural pest suppression in a rice agroecosystem	2023	Scientific Reports	1	10.1038/s41598-023-41786-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171869333&doi=10.1038%2fs41598-023-41786-y&partnerID=40&md5=005618836596330d81e7855f2293ef2c	Scopus
Sardar M.K.; Pramanik J.; Adhikari A.	(t,k,n) Regional Secret Image Sharing over Finite Fields	2023	Signal Processing	2	10.1016/j.sigpro.2023.109082	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159197303&doi=10.1016%2fj.sigpro.2023.109082&partnerID=40&md5=18556412ec1bc50c88589f3e5b1e708e	Scopus
Kundu P.; Saha S.; Gangopadhyay G.	A minimal kinetic model for the interpretation of complex catalysis in single enzyme molecules	2023	Physical Chemistry Chemical Physics	0	10.1039/d3cp01720f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179615513&doi=10.1039%2fd3cp01720f&partnerID=40&md5=b06528474b1c8128b5b669fd4431936e	Scopus

Chakraborty S.; Dutta S.; Das M.	Genetics Behind Sexual Incompatibility in Plants: How Much We Know and What More to Uncover?	2023	Journal of Plant Growth Regulation	2	10.1007/s00344-023-11005-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153087571&doi=10.1007%2fs00344-023-11005-z&partnerID=40&md5=1987c1f9fc9b06ebc124c3957c84a692	Scopus
Maity J.; Majumder S.; Pal R.; Saha B.; Mukhopadhyay P.K.	Ascorbic acid modulates immune responses through Jumonji-C domain containing histone demethylases and Ten eleven translocation (TET) methylcytosine dioxygenase	2023	BioEssays	3	10.1002/bies.202300035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170537151&doi=10.1002%2fbies.202300035&partnerID=40&md5=1ed69d9638eefdc931b755aa9fe74c6c	Scopus
Yang W.; Pan S.; Mena O.; Di Valentino E.	On the dynamics of a dark sector coupling	2023	Journal of High Energy Astrophysics	6	10.1016/j.jheap.2023.09.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172285474&doi=10.1016%2fj.jheap.2023.09.001&partnerID=40&md5=e7b7b18f8875d51dadac01448bf0893b	Scopus
Das C.; Debnath S.; Patel V.D.; Gupta D.; Banerjee A.; Mahata P.	Differential supercapacitor and Schottky diode behaviours in two new isostructural coordination polymers based on redox active metal ions	2023	CrystEngComm	0	10.1039/d3ce00883e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176230322&doi=10.1039%2fd3ce00883e&partnerID=40&md5=4a7c7b469752cad2ecf9581b45c862a5	Scopus
Banerjee A.; Ganguly P.; Das K.; Sorcar N.; Bose S.	Contrasting Styles of Lower Crustal Metamorphism from a Granulite Suite of Rocks from Angul, Eastern Ghats Belt, India: Implications for the India–Antarctica Correlation	2023	Journal of Petrology	1	10.1093/petrology/egad065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174226455&doi=10.1093%2fpetrology%2fegad065&partnerID=40&md5=506b610b8af6c904bae08d5fef18ea42	Scopus
Gayen F.R.; Bora D.; Mallick D.; Sarbajna A.; Ghosh S.; Jarugala J.; Saha B.	Utility of a Ferrocene Unit in a Cyclometallated Cp*Ir(III) Catalyst during Water Oxidation: Exploring Bimetallic Cooperativity	2023	European Journal of Inorganic Chemistry	1	10.1002/ejic.202300462	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167579701&doi=10.1002%2fejic.202300462&partnerID=40&md5=76ca3258f842c19a7e40bf08bda8889e	Scopus

Biswas K.	Microglia mediated neuroinflammation in neurodegenerative diseases: A review on the cell signaling pathways involved in microglial activation	2023	Journal of Neuroimmunology	3	10.1016/j.jneuroim.2023.578180	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169821089&doi=10.1016%2fj.jneuroim.2023.578180&partnerID=40&md5=8a3da5179a67980a9a6a08ba9279d56b	Scopus
Hassan S.; Lovell C.C.; Madau P.; Huertas-Company M.; Somerville R.S.; Burkhart B.; Dixon K.L.; Feldmann R.; Starkenburg T.K.; Wu J.F.; Jespersen C.K.; Gelfand J.D.; Bera A.	JWST Constraints on the UV Luminosity Density at Cosmic Dawn: Implications for 21 cm Cosmology	2023	Astrophysical Journal Letters	1	10.3847/2041-8213/ad0239	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177770363&doi=10.3847%2f2041-8213%2fad0239&partnerID=40&md5=98c3dc597d73100d0140d88c0e97a839	Scopus
K P.; Dutta S.; Adhikari A.; M S.	Proactive visual cryptographic schemes for general access structures	2023	Multimedia Tools and Applications	0	10.1007/s11042-023-14998-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151538562&doi=10.1007%2fs11042-023-14998-7&partnerID=40&md5=852cef36a2e7d6f0d73643c3fe5b951c	Scopus
Garai T.; Garg H.; Biswas G.	A fraction ranking-based multi-criteria decision-making method for water resource management under bipolar neutrosophic fuzzy environment	2023	Artificial Intelligence Review	7	10.1007/s10462-023-10514-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161707214&doi=10.1007%2fs10462-023-10514-3&partnerID=40&md5=810e8e45471bde764595b8a235453c5c	Scopus
Baguli S.; Sarkar S.; Nath S.; Mallick D.; Mukherjee D.	Divergent Synthesis of Chelating Aziridines and Cyclic(Alkyl)(Amino)Carbenes (CAACs) from Pyridyl-Tethered Robust Azomethine Ylides	2023	Angewandte Chemie - International Edition	1	10.1002/anie.202312858	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174204922&doi=10.1002%2fanie.202312858&partnerID=40&md5=af61902ac6620a88d7a36ffa47631e3a	Scopus

Manokari M.; Raj M.C.; Dey A.; Faisal M.; Alatar A.A.; Joshee N.; Shekhawat M.S.	Silver nanoparticles improved morphogenesis, biochemical profile and micro-morphology of Gaillardia pulchella Foug cv. 'Torch Yellow'	2023	Plant Cell, Tissue and Organ Culture	6	10.1007/s11240-023-02502-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151659852&doi=10.1007%2fs11240-023-02502-w&partnerID=40&md5=ee5b1a44b5ac85747c1d7cb9928100f8	Scopus
Ahmed M.; Biswas T.; Mondal S.	The strategic involvement of IRS in cancer progression	2023	Biochemical and Biophysical Research Communications	0	10.1016/j.bbrc.2023.09.036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172022456&doi=10.1016%2fj.bbrc.2023.09.036&partnerID=40&md5=c92100ac35257bce4545d6383772c1fe	Scopus
Bhattacharya S.; Talukdar A.; Sengupta S.; Das T.; Dey A.; Gupta K.; Dutta N.	Arsenic contaminated water remediation: A state-of-the-art review in synchrony with sustainable development goals	2023	Groundwater for Sustainable Development	0	10.1016/j.gsd.2023.101000	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170280949&doi=10.1016%2fj.gsd.2023.101000&partnerID=40&md5=7f077a4d891eb943bf425e9e5a5f110a	Scopus
Raha A.; Biswas M.; Mukherjee S.	Application of TOPSIS model in active tectonic prioritization: Madeira watershed, South America	2023	Journal of South American Earth Sciences	2	10.1016/j.jsames.2023.104502	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152600207&doi=10.1016%2fj.jsames.2023.104502&partnerID=40&md5=c0f30f7c1ea6b4ac8d7e682acc0881aa	Scopus
Das T.; Kumar Pandey D.; Shekhawat M.S.; Dey A.; Malik T.	Quantification of Tissue-Specific Paclitaxel in Himalayan Yew Using HPTLC-Densitometric Analysis, Assessment of Toxicological Activity, and Tissue-Specific Evaluation of Antioxidant Activity	2023	ACS Omega	0	10.1021/acsomega.3c04309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170267184&doi=10.1021%2facsomega.3c04309&partnerID=40&md5=6f7eb577a0bc516388c25069b5924f49	Scopus
Jabbari A.; Lotfi M.; Kheiri H.; Khajanchi S.	Mathematical analysis of the dynamics of a fractional-order tuberculosis epidemic in a patchy environment under the influence of re-infection	2023	Mathematical Methods in the Applied Sciences	2	10.1002/mma.9532	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166965767&doi=10.1002%2fmma.9532&partnerID=40&md5=21ec4d915b758ea4648022d562c72db6	Scopus

Das S.; Ghosh P.S.	Stability of the Haagerup property under graph products	2023	Archiv der Mathematik	0	10.1007/s00013-023-01904-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168113037&doi=10.1007%2fs00013-023-01904-8&partnerID=40&md5=fe8aa5e3b5fcc9878e73f5f7d240c6bf	Scopus
Baishnab S.S.; Shahir A.; Mandal S.; Tripathy S.C.	Unveiling the meiobenthic community structure of Prydz bay, Antarctica during austral summer	2023	Deep-Sea Research Part I: Oceanographic Research Papers	0	10.1016/j.dsr.2023.104109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165544524&doi=10.1016%2fj.dsr.2023.104109&partnerID=40&md5=068ac8598ef9f2516e98cffef1ea4d52	Scopus
Kočinac L.D.R.; Sen R.	On the Reznichenko and Pytkeev properties in hyperspaces	2023	Topology and its Applications	0	10.1016/j.topol.2023.108711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172175521&doi=10.1016%2fj.topol.2023.108711&partnerID=40&md5=67380f4eb8a7930cb210916e2261c204	Scopus
Saha H.K.; Mallick D.; Das S.	Dibenzoheterole-Fused s-Indacenes	2023	Journal of Organic Chemistry	1	10.1021/acs.joc.3c01719	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178331712&doi=10.1021%2facs.joc.3c01719&partnerID=40&md5=7c61b37de9dfa73b2dabc8257ebb7b32	Scopus
Biswas P.; Sengupta S.; Nagaraja V.	Evolution of YacG to safeguard DNA gyrase from external perturbation	2023	Research in Microbiology	1	10.1016/j.resmic.2023.104093	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171391253&doi=10.1016%2fj.resmic.2023.104093&partnerID=40&md5=72b3b8b5d9ad408f10471849ba60e411	Scopus
Maiti S.; Banik A.	Strategies to fortify the nutritional values of polished rice by implanting selective traits from brown rice: A nutrigenomics-based approach	2023	Food Research International	3	10.1016/j.foodres.2023.113271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165181162&doi=10.1016%2fj.foodres.2023.113271&partnerID=40&md5=b281eb26389076d7d8b310c0cdb8f09e	Scopus

Sengupta P.; Bhattacharya S.; Das D.; Mondal P.; Sur R.; Bose A.; Sen K.	Milk protein-based carrier system for encapsulation of dietary polyphenol rutin: Molecular-level interactions and enhanced bioactivities	2023	Journal of Molecular Liquids	0	10.1016/j.molliq.2023.123233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173538625&doi=10.1016%2fj.molliq.2023.123233&partnerID=40&md5=561eeb82bed1265ab51c8ce46586c78c	Scopus
Kumar M.; Selvasekaran P.; Chidambaram R.; Zhang B.; Hasan M.; Prakash Gupta O.; Rais N.; Sharma K.; Sharma A.; Lorenzo J.M.; Parameswari E.; Deshmukh V.P.; Elkelish A.; Abdel-Wahab B.A.; Chandran D.; Dey A.; Senapathy M.; Singh S.; Pandiselvam R.; Sampathrajan V.; Dhumal S.; Amarowicz R.	Tea (Camellia sinensis (L.) Kuntze) as an emerging source of protein and bioactive peptides: A narrative review	2023	Food Chemistry	2	10.1016/j.foodchem.2023.136783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164707619&doi=10.1016%2fj.foodchem.2023.136783&partnerID=40&md5=4b5b8af599438bbbbd3e2d25ce701574	Scopus
Sardar M.; Khajanchi S.; Ahmad B.	A tumor–immune interaction model with the effect of impulse therapy	2023	Communications in Nonlinear Science and Numerical Simulation	3	10.1016/j.cnsns.2023.107430	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166299301&doi=10.1016%2fj.cnsns.2023.107430&partnerID=40&md5=da81b3ba44d6810ac3f06fb8283d6c95	Scopus
Chaudhuri D.; Majumder S.; Datta J.; Giri K.	In silico designing of an epitope-based peptide vaccine cocktail against Nipah virus: an Indian population-based epidemiological study	2023	Archives of Microbiology	0	10.1007/s00203-023-03717-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176354566&doi=10.1007%2fs00203-023-03717-3&partnerID=40&md5=5571664a4a8d975e93bac5cb6bb71bd6	Scopus

Manokari M.; Dey A.; Faisal M.; Alatar A.A.; Singh R.K.; Shekhawat M.S.	In vitro Tuberization using Silicon Nanoparticles and short-term cold Storage of mini-tubers of Dioscorea pentaphylla L.	2023	BioNanoScience	0	10.1007/s12668-023-01185-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168358786&doi=10.1007%2fs12668-023-01185-z&partnerID=40&md5=8c4e219f06ed20c6b20ed91f083f7946	Scopus
Barman D.	Land Redevelopment, Real Estate and Capital in Urban Place-making: A Case Study of Siliguri, India	2023	Environment and Urbanization ASIA	1	10.1177/09754253231193109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176383883&doi=10.1177%2f09754253231193109&partnerID=40&md5=52e0d8633c885deb0f6a913ecaba1551	Scopus
Pal S.; Bhowmick S.; Sharma A.; Sierra-Fonseca J.A.; Mondal S.; Afolabi F.; Roy D.	Lymphatic vasculature in ovarian cancer	2023	Biochimica et Biophysica Acta - Reviews on Cancer	4	10.1016/j.bbcan.2023.188950	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166560273&doi=10.1016%2fj.bbcan.2023.188950&partnerID=40&md5=24e4fe292136845f1b08b773353defc5	Scopus
Pandit B.; Moin A.; Mondal A.; Banik A.; Alam M.	Characterization of a biofilm-forming, amylase-producing, and heavy-metal-bioremediating strain Micrococcus sp. BirBP01 isolated from oligotrophic subsurface lateritic soil	2023	Archives of Microbiology	2	10.1007/s00203-023-03690-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173897508&doi=10.1007%2fs00203-023-03690-x&partnerID=40&md5=5df16b7d28b88911e097aa18c897e353	Scopus
Rahaman T.; Biswas S.; Ghorai S.; Bera S.; Dey S.; Guha S.; Maity D.; De S.; Ganguly J.; Das M.	Integrated application of morphological, anatomical, biochemical and physico-chemical methods to identify superior, lignocellulosic grass feedstocks for bioenergy purposes	2023	Renewable and Sustainable Energy Reviews	0	10.1016/j.rser.2023.113738	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171997190&doi=10.1016%2fj.rser.2023.113738&partnerID=40&md5=fb0abba477ef429ea1ca4ccf6f422cf1	Scopus
Nayak S.; Das S.; Bag P.; Debnath T.; Ghosh P.K.	Driven transport of active particles through arrays of symmetric obstacles	2023	Journal of Chemical Physics	1	10.1063/5.0176523	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175221618&doi=10.1063%2f5.0176523&partnerID=40&md5=24fb4533a6348c40b1e686daefeb31db	Scopus

Bali S.; Goswami S.; Halder A.; Mondal A.	A facile approach for selective detection of arsenite ions using plasmonic behaviour of silver nanoparticles	2023	Analytical Methods	0	10.1039/d3ay01701j	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180122180&doi=10.1039%2fd3ay01701j&partnerID=40&md5=1b971288039ea887013e789fdbb7c3b2	Scopus
Middya P.; Medda D.; Chattopadhyay S.	An overview of the synthesis, structures and applications of di and polynuclear zinc-salen complexes with Zn2O2 cores	2023	Inorganica Chimica Acta	1	10.1016/j.ica.2023.121540	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153796491&doi=10.1016%2fj.ica.2023.121540&partnerID=40&md5=e016adb8fc699708ae92caed81d52567	Scopus
Chatterjee S.; Acharyya M.	Critical slowing down along the separatrix of Lotka-Volterra model of competition	2023	International Journal of Modern Physics C	0	10.1142/S0129183123501188	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149237440&doi=10.1142%2fS0129183123501188&partnerID=40&md5=94a9926566e9bb41d5c3bd030ffffe4c	Scopus
Sikdar S.; Sikdar M.	Green synthesis, optimization and analyzing of silver nanoparticles encapsulated with Syzygium aromaticum extract: Evaluating antibacterial and photocatalytic properties	2023	Bioresource Technology Reports	2	10.1016/j.biteb.2023.101669	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175526473&doi=10.1016%2fj.biteb.2023.101669&partnerID=40&md5=e86263c43e7b51051a530b1175e9603c	Scopus
Naskar P.; Mondal S.; Biswas B.; Laha S.; Banerjee A.	An Enduring Na-Ion Solar Battery Configured with Na2Co0.5Ni0.5Fe(CN)6 Positive and NaTi2(PO4)3 Negative Electrodes in Na2SO4-SiO2 Hydrogel Electrolyte	2023	Journal of the Electrochemical Society	1	10.1149/1945-7111/acf95f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174286333&doi=10.1149%2f1945-7111%2facf95f&partnerID=40&md5=dd9ab9b419bddfbb8eb96bc7b3359c2f	Scopus
Kanrar S.; Ghosh A.; Ghosh A.; Chowdhury S.; Sadhukhan M.; Chand Ghosh U.; Sasikumar P.	Tailored hybrid Ce-Zr-La hydrous oxide material: Preparation, characterization and application towards removal of fluoride and copper(II) from their contaminated water	2023	Inorganic Chemistry Communications	0	10.1016/j.inoche.2023.111381	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171848336&doi=10.1016%2fj.inoche.2023.111381&partnerID=40&md5=a0ab7b2f5c213c8bc9f142ccf6632bb0	Scopus

Burghardt E.; Rakijas J.; Tyagi A.; Majumder P.; Olson B.J.S.C.; McDonald J.A.	Transcriptome analysis reveals temporally regulated genetic networks during Drosophila border cell collective migration	2023	BMC Genomics	0	10.1186/s12864-023-09839-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178170417&doi=10.1186%2fs12864-023-09839-8&partnerID=40&md5=8e0de1aa490223693c1c584811af8a1b	Scopus
Chandra S.	Effect of a Gaussian random external magnetic field with spatio temporal variation on compensation in Ising spin-1/2 trilayered square ferrimagnets	2023	European Physical Journal Plus	0	10.1140/epjp/s13360-023-04209-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163714365&doi=10.1140%2fepjp%2fs13360-023-04209-5&partnerID=40&md5=c67a78351ec4a57c3a115ac666302e87	Scopus
Saha M.; Das A.; Çelikel E.Y.; Abdioglu C.	Prime ideal sum graph of a commutative ring	2023	Journal of Algebra and its Applications	4	10.1142/S0219498823501219	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127542228&doi=10.1142%2fS0219498823501219&partnerID=40&md5=9f3a4a2f35f4a8c6408d91749274ad4e	Scopus
Husain Z.; Dutta M.	Impact of Self Help Group membership on the adoption of child nutritional practices: Evidence from JEEViKA's health and nutrition strategy programme in Bihar, India	2023	Journal of International Development	1	10.1002/jid.3703	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139253087&doi=10.1002%2fjid.3703&partnerID=40&md5=b838bd1c61d7479fbf7289644c0e09b0	Scopus
Manokari M.; Cokulraj M.; Badhepuri M.K.; Dey A.; Faisal M.; Alatar A.A.; Singh R.K.; Shekhawat M.S.	Microstructural and histochemical modifications in leaves at successive stages of in vitro development of the terrestrial orchid Spathoglottis plicata Blume	2023	Horticulture Environment and Biotechnology	0	10.1007/s13580-022-00485-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146233919&doi=10.1007%2fs13580-022-00485-9&partnerID=40&md5=8be3308b9c06d743af78d9f8f4135360	Scopus

Jain V.; Ghorai M.; Pandey D.K.; Al-Tawaha A.R.; Bursal E.; Shekhawat M.S.; Batiha G.E.-S.; Purushotham B.; Swamy M.K.; Dey A.	In vitro propagation and biotechnological aspects of boswellia species	2023	Frankincense - Gum Olibanum: Botany, Oleoresin, Chemistry, Extraction, Utilization, Propagation, Biotechnology, and Conservation	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162177128&partnerID=40&md5=f60008135bdf9569bf6fc385f1a3ec3d	Scopus
Nath S.; Majumder S.; Ghorai M.; Jain V.; Al-Tawaha A.R.; Shekhawat M.S.; Pandey D.K.; Paul S.; Swamy M.K.; Dey A.	Assessment of boswellia species genetic diversity using molecular markers	2023	Frankincense - Gum Olibanum: Botany, Oleoresin, Chemistry, Extraction, Utilization, Propagation, Biotechnology, and Conservation	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162122938&partnerID=40&md5=d5f3c2933b5430840446669c0e518652	Scopus
Bera A.; Ghara R.; Chatterjee A.; Datta K.K.; Samui S.	Studying cosmic dawn using redshifted HI 21-cm signal: A brief review	2023	Journal of Astrophysics and Astronomy	5	10.1007/s12036-022-09904-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147498307&doi=10.1007%2fs12036-022-09904-w&partnerID=40&md5=4502d3ef56f5ec411d27a7b6548a56a0	Scopus
Manokari M.; Raj M.C.; Dey A.; Faisal M.; Alatar A.A.; Singh R.K.; Arumugam N.; Shekhawat M.S.	Development of stress tolerance in micropropagated plantlets of Dioscorea pentaphylla L. using seismic stress	2023	Plant Cell, Tissue and Organ Culture	0	10.1007/s11240-023-02549-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162118155&doi=10.1007%2fs11240-023-02549-9&partnerID=40&md5=a099a923527333c82f03938af6f0a803	Scopus
Khajanchi S.; Mondal J.; Tiwari P.K.	OPTIMAL TREATMENT STRATEGIES USING DENDRITIC CELL VACCINATION for A TUMOR MODEL with PARAMETER IDENTIFIABILITY	2023	Journal of Biological Systems	4	10.1142/S0218339023500171	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85157976421&doi=10.1142%2fS0218339023500171&partnerID=40&md5=f4bd3fcb34f42c231deaba44ea70f2c3	Scopus

Pandey D.K.; Katoch K.; Das T.; Majumder M.; Dhama K.; Mane A.B.; Gopalakrishnan A.V.; Dey A.	Approaches for in vitro propagation and production of plumbagin in Plumbago spp.	2023	Applied Microbiology and Biotechnology	3	10.1007/s00253-023-12511-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159838455&doi=10.1007%2fs00253-023-12511-6&partnerID=40&md5=34c0fa1465cba849c2ad20a1d44a9d35	Scopus
Pillai D.; Narayan J.; Gentry-Maharaj A.; Deo S.; Vijaykumar D.K.; Mukherjee P.; Wadhwa N.; Bhasin A.; Mishra A.; Rajanbabu A.; Kannan R.; Husain Z.; Kumar A.; Antoniou A.C.; Manchanda R.; Menon U.	Co-Creation of Breast Cancer Risk Communication Tools and an Assessment of Risk Factor Awareness: A Qualitative Study of Patients and the Public in India	2023	Cancers	1	10.3390/cancers15112973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161304753&doi=10.3390%2fcancers15112973&partnerID=40&md5=26373d1f49f7d801ae7950abd0c3a4df	Scopus
M M.; K J.; M C.R.; Dey A.; Faisal M.; Alatar A.A.; Joshee N.; Shekhawat M.S.	In vitro micro-morphometric growth modulations induced by N6 cytokinins (Meta-Topolin and 6-benzylaminopurine) in Ceropegia juncea Roxb. – A rare medicinal climber	2023	South African Journal of Botany	1	10.1016/j.sajb.2023.04.045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153799172&doi=10.1016%2fj.sajb.2023.04.045&partnerID=40&md5=84b710c3966a646a5aad7e3f8e6f874f	Scopus
Badhepuri M.K.; Manokari M.; Cokul Raj M.; Jogam P.; Dey A.; Faisal M.; Alatar A.A.; Joshee N.; Singisala N.R.; Shekhawat M.S.	Meta-Topolin enhanced direct shoot organogenesis and regeneration from leaf explants of Coleus forskohlii (Willd.) Briq	2023	Industrial Crops and Products	3	10.1016/j.indcrop.2023.116584	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151990350&doi=10.1016%2fj.indcrop.2023.116584&partnerID=40&md5=6b41ae829269ffd042ed3d9b267fb32e	Scopus

Anand U.; Dey A.; Chandel A.K.S.; Sanyal R.; Mishra A.; Pandey D.K.; De Falco V.; Upadhyay A.; Kandimalla R.; Chaudhary A.; Dhanjal J.K.; Dewanjee S.; Vallamkondu J.; Pérez de la Lastra J.M.	Cancer chemotherapy and beyond: Current status, drug candidates, associated risks and progress in targeted therapeutics	2023	Genes and Diseases	140	10.1016/j.gendis.2022.02.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128216238&doi=10.1016%2fj.gendis.2022.02.007&partnerID=40&md5=957e6ca7903335d9955345a0894f3232	Scopus
Pandit N.R.; Bej S.; Das R.; Ghosal N.; Mondal A.; Pal R.; Ghosh M.; Banerjee P.; Biswas B.	Anion-directed structural tuning of two azomethine-derived Zn2+ complexes with optoelectronic recognition of Cu2+ in aqueous medium with anti-cancer activities: from micromolar to femtomolar sensitivity with DFT revelation	2023	Dalton Transactions	2	10.1039/d3dt01901b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167430248&doi=10.1039%2fd3dt01901b&partnerID=40&md5=c15c8682e617458335c063be219f9e59	Scopus
Biswas S.; Pal P.; Mondal R.; Mukhopadhyay P.K.	Casein and pea enriched high-protein diet attenuates arsenic provoked apoptosis in testicles of adult rats	2023	Toxicology Research	0	10.1093/toxres/tfad043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172366357&doi=10.1093%2ftoxres%2ftfad043&partnerID=40&md5=71d923a24aec2156b1465d8f1962d07f	Scopus
Nath S.; Nag A.; Dey S.; Kundu R.; Paul S.	Involvement of chalcones and coumarins in environmental stress tolerance	2023	Biology and Biotechnology of Environmental Stress Tolerance in Plants: Volume 1: Secondary Metabolites in Environmental Stress Tolerance	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162083018&partnerID=40&md5=db37bd3041331e7c2fe26530e3140a2c	Scopus

de Menezes A.-A.P.M.; Aguiar R.P.S.; Santos J.V.O.; Sarkar C.; Islam M.T.; Braga A.L.; Hasan M.M.; da Silva F.C.C.; Sharifi-Rad J.; Dey A.; Calina D.; Melo-Cavalcante A.A.C.; Sousa J.M.C.	Citrinin as a potential anti-cancer therapy: A comprehensive review	2023	Chemico-Biological Interactions	1	10.1016/j.cbi.2023.110561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163265195&doi=10.1016%2fj.cbi.2023.110561&partnerID=40&md5=3841f5961910407d4b13860b37e2c2d0	Scopus
Mondal S.	Truth-Telling to Terminal Stage Cancer Patients in India: A Study of the General Denial to Disclosure	2023	Omega (United States)	2	10.1177/00302228211032732	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111000775&doi=10.1177%2f00302228211032732&partnerID=40&md5=6f1c1fda9436a19868b1b82af6f0c752	Scopus
Ghosh P.K.; Nayak S.; Liu J.; Li Y.; Marchesoni F.	Autonomous ratcheting by stochastic resetting	2023	Journal of Chemical Physics	0	10.1063/5.0159148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165519392&doi=10.1063%2f5.0159148&partnerID=40&md5=c7167bf77404f9164e5ed4b02e63b832	Scopus
Maitra S.	Azaan as a Form of Chanting: The Islamic Sound World of Kolkata	2023	Society and Culture in South Asia	0	10.1177/23938617221109932	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144238189&doi=10.1177%2f23938617221109932&partnerID=40&md5=9b44061833578e82ce92dc79e3587ca6	Scopus
Saha L.; Lama R.; Das B.; Adhikari A.; Das K.C.	Optimal Fault-Tolerant Resolving Set of Power Paths	2023	Mathematics	0	10.3390/math11132868	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165114756&doi=10.3390%2fmath11132868&partnerID=40&md5=b3397d6b4b4bd98882033d4af51ded19	Scopus

Kannampuzha S.; Gopalakrishnan A.V.; Padinharayil H.; Alappat R.R.; Anilkumar K.V.; George A.; Dey A.; Vellingiri B.; Madhyastha H.; Ganesan R.; Ramesh T.; Jayaraj R.; Prabakaran D.S.	Onco-Pathogen Mediated Cancer Progression and Associated Signaling Pathways in Cancer Development	2023	Pathogens	0	10.3390/pathogens12060770	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163569353&doi=10.3390%2fpathogens12060770&partnerID=40&md5=e412a310186980f406477fdb6b2d0783	Scopus
Debnath T.; Nayak S.; Bag P.; Debnath D.; Ghosh P.K.	Structure and diffusion of active-passive binary mixtures in a single-file	2023	Journal of Chemical Sciences	0	10.1007/s12039-023-02158-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156202685&doi=10.1007%2fs12039-023-02158-1&partnerID=40&md5=06afebee0c35ac0ec946680f679d760c	Scopus
Anand U.; Dey S.; Parial D.; Federici S.; Ducoli S.; Bolan N.S.; Dey A.; Bontempi E.	Algae and bacteria consortia for wastewater decontamination and transformation into biodiesel, bioethanol, biohydrogen, biofertilizers and animal feed: a review	2023	Environmental Chemistry Letters	13	10.1007/s10311-023-01562-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146583517&doi=10.1007%2fs10311-023-01562-w&partnerID=40&md5=af268a1ac0df77e0e2e2e9a7a6d40bb4	Scopus
Rajoria S.; Halder A.; Tarnekar I.; Pal P.; Bansal P.; Srivastava S.	Detection of Mutant Peptides of SARS-CoV-2 Variants by LC/MS in the DDA Approach Using an In-House Database	2023	Journal of Proteome Research	2	10.1021/acs.jproteome.2c00819	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156196512&doi=10.1021%2facs.jproteome.2c00819&partnerID=40&md5=79d68cc5b27a678fb56f362765fe91cd	Scopus
Majumder S.; Deganutti G.; Pipitò L.; Chaudhuri D.; Datta J.; Giri K.	Computer-aided de novo design and optimization of novel potential inhibitors of HIV-1 Nef protein	2023	Computational Biology and Chemistry	1	10.1016/j.compbiolchem.2023.107871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152592377&doi=10.1016%2fj.compbiolchem.2023.107871&partnerID=40&md5=54387a50ed9cc31db3a97757e32684a8	Scopus

Pal P.; Jha N.K.; Pal D.; Jha S.K.; Anand U.; Gopalakrishnan A.V.; Dey A.; Mukhopadhyay P.K.	Molecular basis of fluoride toxicities: Beyond benefits and implications in human disorders	2023	Genes and Diseases	4	10.1016/j.gendis.2022.09.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139733311&doi=10.1016%2fj.gendis.2022.09.004&partnerID=40&md5=4ec4ca5ba60138beafb7ec023938618b	Scopus
Sharma P.K.; Mallick D.; Das S.	A Thiophenoradialene-Embedded Polycyclic Heteroterphenoquinone Exhibiting Dominant Antiaromatic Traits	2023	Organic Letters	0	10.1021/acs.orglett.3c01815	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164800194&doi=10.1021%2facs.orglett.3c01815&partnerID=40&md5=1cdd10db20cd1ce0ef63feb4964559ea	Scopus
Chakraborty M.; Kadir E.S.; Gayen R.N.	Enhanced UV photo-detection properties of graphene oxide incorporated transparent TiO2 thin films in Schottky configuration	2023	Ceramics International	7	10.1016/j.ceramint.2023.03.196	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151403948&doi=10.1016%2fj.ceramint.2023.03.196&partnerID=40&md5=64a826da9615d0dc76210c723c511264	Scopus
Manokari M.; Cokul Raj M.; Dey A.; Faisal M.; Alatar A.A.; Singh R.K.; Shekhawat M.S.	Silicon Nanoparticles Moderated Morphometric Deficiencies by Improving Micro-Morpho-Structural Traits in Thunbergia erecta (Benth.) T. Anderson	2023	Silicon	2	10.1007/s12633-023-02451-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152373722&doi=10.1007%2fs12633-023-02451-1&partnerID=40&md5=3cf670ee87f56ae568494c8f30123d0c	Scopus
Dey S.; Nath S.; Alam Ansari T.; Biswas A.; Barman F.; Mukherjee S.; Gopal G.; Bhattacharyya A.; Mukherjee A.; Kundu R.; Paul S.	Application of green synthesized bimetallic nZVI-Cu nanoparticle as a sustainable alternative to chemical fertilizers to enhance growth and photosynthetic efficiency of rice seedlings	2023	Plant Physiology and Biochemistry	5	10.1016/j.plaphy.2023.107837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162017453&doi=10.1016%2fj.plaphy.2023.107837&partnerID=40&md5=904b9898d3624270dd37af98efb7ac45	Scopus
Baag S.; Mandal S.	The influence of ocean acidification and warming on responses of Scylla serrata to oil pollution: An integrated biomarker approach	2023	Comparative Biochemistry and Physiology Part - B: Biochemistry and Molecular Biology	1	10.1016/j.cbpb.2023.110847	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150346711&doi=10.1016%2fj.cbpb.2023.110847&partnerID=40&md5=ed43e1bbd920417803c7dabc8f7fc6d5	Scopus

V V.A.N.; Anil A.; Y B.S.; Krishnan D.; Dev B.S.; R A.P.; G A.K.; Anil K.N.; Ganesh S.; S P.; K R.; Chakraborty S.; Chopra H.; Akash S.; Amin R.; Dey A.; Sharma A.K.; Alagawany M.; Dhama K.; Chandran D.	Potential benefits of Glycyrrhiza glabra (Liquorice) herb, its chemical make-up and significance in safeguarding poultry health: Current scientific knowledge	2023	Journal of Experimental Biology and Agricultural Sciences	0	10.18006/2023.11(3).462.478	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166014774&doi=10.18006%2f2023.11%283%29.462.478&partnerID=40&md5=5b37e15c4f71ba3193cda32e4e3cd846	Scopus
Biswas P.; Ghorai M.; Nandy S.; Pandey D.K.; Shekhawat M.S.; Ghosh A.; Nongdam P.; Al-Tawaha A.R.; Bursal E.; Hoda M.; Singh J.; Dey A.	Unraveling the application of CRISPR/Cas system in natural product research	2023	CRISPR/Cas-Mediated Genome Editing in Plants	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162095518&partnerID=40&md5=fa81c2d3ba2c3ac9a1adcdb1d18243cc	Scopus
Basu M.; Mukhopadhyay D.; Chakraborty B.; Ghosh S.; Pal D.K.; Ghosh A.; Panda C.K.	Differential operation of MLH1/MSH2 and FANCD2 crosstalk in chemotolerant bladder carcinoma: a clinical and therapeutic intervening study	2023	Molecular and Cellular Biochemistry	0	10.1007/s11010-022-04616-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142533279&doi=10.1007%2fs11010-022-04616-9&partnerID=40&md5=10ec507406c3584bc46eb0d3c275d0aa	Scopus
Sarbadhikary S.; Roy D.	Gender, Education and Citizenship as Ideological Weapons of an ‘Army of Holy Women’ in Bengal: The Matua Matri Sena	2023	Religions	1	10.3390/rel14060787	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163731240&doi=10.3390%2frel14060787&partnerID=40&md5=3eaf475f9a6b163cc4262f2661e3a07b	Scopus
Kumar Rai R.; Kumar Tiwari P.; Khajanchi S.	Modeling the influence of vaccination coverage on the dynamics of COVID-19 pandemic with the effect of environmental contamination	2023	Mathematical Methods in the Applied Sciences	14	10.1002/mma.9185	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150707971&doi=10.1002%2fmma.9185&partnerID=40&md5=5c7172808af3d95e89e2d83d6794dcae	Scopus

Prakash S.; Kumar M.; Radha; Kumar S.; Jaconis S.; Parameswari E.; Sharma K.; Dhumal S.; Senapathy M.; Deshmukh V.P.; Dey A.; Lorenzo J.M.; Sheri V.; Zhang B.	The resilient cotton plant: uncovering the effects of stresses on secondary metabolomics and its underlying molecular mechanisms	2023	Functional and Integrative Genomics	7	10.1007/s10142-023-01118-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160215084&doi=10.1007%2fs10142-023-01118-9&partnerID=40&md5=a69ce87b2526335b2468c3657c84f176	Scopus
Tikendra L.; Rahaman H.; Dey A.; Sahoo M.R.; Nongdam P.	Applicability of molecular markers in ascertaining genetic diversity and relationship between five edible bamboos of North-East India	2023	Molecular Marker Techniques: A Potential Approach of Crop Improvement	0	10.1007/978-981-99-1612-2_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181853450&doi=10.1007%2f978-981-99-1612-2_9&partnerID=40&md5=3359d4be34d02e8cf01d729ce0e5fb74	Scopus
Goswami S.; Mandal P.; Mallick D.; Mukherjee D.	A Bifunctional NHC-Aryloxido Titanium Catalyst for the Ring-Opening Polymerization of ϵ-Caprolactone and an Unusual Fragmentation of Its Ligand Backbone	2023	Organometallics	1	10.1021/acs.organomet.3c00069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154036536&doi=10.1021%2facs.organomet.3c00069&partnerID=40&md5=7e96ab7a4bf1e9e4c7a35adedf60d1a7	Scopus
Dey S.; Paul S.; Nag A.; Sengupta R.; Gopal G.; Jose J.; Xavier J.; Mukherjee A.; Kundu R.	Iron pulsing, a cost effective and affordable seed invigoration technique for iron bio-fortification and nutritional enrichment of rice grains	2023	Plant Growth Regulation	0	10.1007/s10725-022-00957-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145848193&doi=10.1007%2fs10725-022-00957-z&partnerID=40&md5=c8f664030f8fbb0751d13209434026bb	Scopus
Bhattacharjee R.; Mitra P.; Chakrabarty S.; Bhaduri R.; Kar S.; Dey A.	Application of x-ray diffraction for biomedical nanotechnologies: Current insights and perspectives	2023	Analytical Techniques for Biomedical Nanotechnology	0	10.1088/978-0-7503-3379-5ch10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168674133&doi=10.1088%2f978-0-7503-3379-5ch10&partnerID=40&md5=e9fafcf71ee36110f52db5e704b27c42	Scopus

Naskar P.; Debnath S.; Biswas B.; Laha S.; Banerjee A.	High-Performance and Scalable Aqueous Na-Ion Batteries Comprising a Co-Prussian Blue Analogue Framework Positive Electrode and Sodium Vanadate Nanorod Negative Electrode for Solar Energy Storage	2023	ACS Applied Energy Materials	4	10.1021/acsaem.2c04107	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156272426&doi=10.1021%2facsaem.2c04107&partnerID=40&md5=b11a8ad0d4e722b18be223be9efc815d	Scopus
Kaaviya A.V.; Hridya P.; Prasanth D.; Abernaa D.; Harisankaran P.S.; Hari Sankar C.R.; Rajan N.S.; Karthik S.; Adinan J.; Abhijith K.S.; Krishnan R.; Akash S.; Amin R.; Chakraborty S.; Chopra H.; Dey A.; Sharma A.K.; Alagawany M.; Dhama K.; Chandran D.	Cinnamon as a Potential Feed Additive: Beneficial Effects on Poultry Health and Production Performances – An Update	2023	Journal of Experimental Biology and Agricultural Sciences	0	10.18006/2023.11(3).444.461	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165959098&doi=10.18006%2f2023.11%283%29.444.461&partnerID=40&md5=b649864a96239673397ac4a1b24aada3	Scopus
Sarkar K.; Khajanchi S.	Spatiotemporal dynamics of a predator-prey system with fear effect	2023	Journal of the Franklin Institute	9	10.1016/j.jfranklin.2023.05.034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162114929&doi=10.1016%2fj.jfranklin.2023.05.034&partnerID=40&md5=e9c8b910d459096ddf04a400705238d0	Scopus
Naskar P.; Mondal S.; Biswas B.; Laha S.; Banerjee A.	Low cost & quasi solid state Na2Mn0.5Ni0.5Fe(CN)6//NaxFe2O3 hybrid Na-ion batteries for solar energy storage	2023	Sustainable Energy and Fuels	3	10.1039/d3se00583f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167438594&doi=10.1039%2fd3se00583f&partnerID=40&md5=c48d42be4e606ae260128b72940 24204	Scopus

Tudu C.K.; Al-Tawaha A.R.; Nandy S.; Shekhawat M.S.; Bursal E.; Ghorai M.; Jain V.; Nongdam P.; Batiha G.E.-S.; Dwivedi P.; Malik T.; Pandey D.K.; Swamy M.K.; Sanyal R.; Dey A.	Endophytes associated with boswellia species: Developments and prospects	2023	Frankincense - Gum Olibanum: Botany, Oleoresin, Chemistry, Extraction, Utilization, Propagation, Biotechnology, and Conservation	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162176401&partnerID=40&md5=a659d552eca9a77498d94ed8ec9c0768	Scopus
Chakraborty M.; Kadir E.S.; Gayen R.N.	Fabrication of transparent TiO2-GO nanocomposites deposited on vertically aligned ZnO nanowire arrays as hybrid nanostructured photo-anode for dye-sensitized solar cells	2023	Optical Materials	2	10.1016/j.optmat.2023.114116	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166335955&doi=10.1016%2fj.optmat.2023.114116&partnerID=40&md5=25d6a938d04bb4d88bc3fe20742b5df0	Scopus
Talukdar A.; Bhattacharya S.; Bandyopadhyay A.; Dey A.	Microplastic pollution in the Himalayas: Occurrence, distribution, accumulation and environmental impacts	2023	Science of the Total Environment	20	10.1016/j.scitotenv.2023.162495	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149424370&doi=10.1016%2fj.scitotenv.2023.162495&partnerID=40&md5=66950cff6f12cb48f77dac4a92ae9bdb	Scopus
Mukherjee A.G.; Ramesh Wanjari U.; Valsala Gopalakrishnan A.; Jayaraj R.; Katturajan R.; Kannampuzha S.; Murali R.; Namachivayam A.; Evan Prince S.; Vellingiri B.; Dey A.; Renu K.	HPV-associated cancers: insights into the mechanistic scenario and latest updates	2023	Medical Oncology	2	10.1007/s12032-023-02085-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163330227&doi=10.1007%2fs12032-023-02085-8&partnerID=40&md5=42e9aac45f0b1e508a508a0c300cd5ac	Scopus
Mukherjee A.G.; Gopalakrishnan A.V.; Jayaraj R.; Ganesan R.; Renu K.; Vellingiri B.; Dey A.; Parveen M.	Recent advances in understanding brain cancer metabolomics: a review	2023	Medical Oncology	1	10.1007/s12032-023-02109-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163983078&doi=10.1007%2fs12032-023-02109-3&partnerID=40&md5=262004008ddcd098b88f0e860438648f	Scopus

Pan S.; Yang W.; Di Valentino E.; Mota D.F.; Silk J.	IWDM: the fate of an interacting non-cold dark matter — vacuum scenario	2023	Journal of Cosmology and Astroparticle Physics	4	10.1088/1475-7516/2023/07/064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166666714&doi=10.1088%2f1475-7516%2f2023%2f07%2f064&partnerID=40&md5=4d11047e22368c224ac78670b9b841d4	Scopus
Manokari M.; Raj M.C.; Dey A.; Faisal M.; Alatar A.A.; Joshee N.; Shekhawat M.S.	Improvements in Morpho-Anatomical Traits of Adventitious Roots of Hedyotis biflora (L.) Lam. using Silicon Nanoparticles	2023	Silicon	2	10.1007/s12633-023-02484-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153593158&doi=10.1007%2fs12633-023-02484-6&partnerID=40&md5=01a74ce982187cf912124af405df232c	Scopus
Manokari M.; Cokul Raj M.; Dey A.; Faisal M.; Alatar A.A.; Joshee N.; Shekhawat M.S.	Structural alterations of Cymbopogon citratus (DC.) Stapf leaves and roots caused by silicon nanoparticles during in vitro propagation	2023	Industrial Crops and Products	3	10.1016/j.indcrop.2023.116648	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151496450&doi=10.1016%2fj.indcrop.2023.116648&partnerID=40&md5=023fac158177bf458141ae7d81d0f1da	Scopus
Mondal T.; Pramanick S.; Resmi L.; Bose D.	Probing gamma-ray burst afterglows with the Cherenkov Telescope Array	2023	Monthly Notices of the Royal Astronomical Society	0	10.1093/mnras/stad1388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161527045&doi=10.1093%2fmnras%2fstad1388&partnerID=40&md5=263374e02f8de95c22de9cc76c01ea9c	Scopus
Rais N.; Ved A.; Ahmad R.; Kumar M.; Deepak Barbhai M.; Radha; Chandran D.; Dey A.; Dhumal S.; Senapathy M.; Deshmukh V.P.; Anitha T.; Balamurugan V.; Lorenzo J.M.	S-Allyl-L-Cysteine — A garlic Bioactive: Physicochemical Nature, Mechanism, Pharmacokinetics, and health promoting activities	2023	Journal of Functional Foods	1	10.1016/j.jff.2023.105657	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164416817&doi=10.1016%2fj.jff.2023.105657&partnerID=40&md5=182db6b52b1c4f6ec3a9af5f85a14823	Scopus

Mukherjee A.G.; Wanjari U.R.; Gopalakrishnan A.V.; Bradu P.; Biswas A.; Ganesan R.; Renu K.; Dey A.; Vellingiri B.; El Allali A.; Alsamman A.M.; Zayed H.; George Priya Doss C.	Evolving strategies and application of proteins and peptide therapeutics in cancer treatment	2023	Biomedicine and Pharmacotherapy	5	10.1016/j.biopha.2023.114832	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156244696&doi=10.1016%2fj.biopha.2023.114832&partnerID=40&md5=6981564ca81e24b5ae0c4bbc32ec6d51	Scopus
Biswas P.; Ghorai M.; Nandy S.; Pandey D.K.; Shekhawat M.S.; Ghosh A.; Nongdam P.; Al-Tawaha A.R.; Bursal E.; Hoda M.; Singh J.; Dey A.	Unraveling the promise of CRISPR/Cas systems in modulating nutrients and antinutrients in fruits	2023	CRISPR/Cas-Mediated Genome Editing in Plants	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162116457&partnerID=40&md5=77ec234e539edec8ed6fa1a1743f2fc4	Scopus
Kumari N.; Radha; Kumar M.; Puri S.; Zhang B.; Rais N.; Pundir A.; Chandran D.; Raman P.; Dhumal S.; Dey A.; Senapathy M.; Kumar S.; Pokharel B.R.; Deshmukh V.; Damale R.D.; Thiyagarajan A.; Balamurgan V.; Sathish G.; Singh S.; Lorenzo J.M.	Peach (Prunus persica (L.) Batsch) seeds and kernels as potential plant-based functional food ingredients: A review of bioactive compounds and health-promoting activities	2023	Food Bioscience	5	10.1016/j.fbio.2023.102914	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165113739&doi=10.1016%2fj.fbio.2023.102914&partnerID=40&md5=6165541245fa734acefce257bb53acc9	Scopus
Swamy M.K.; Pullaiah T.; Dey A.	Frankincense (olibanum): An aromatic resin with economic importance	2023	Frankincense - Gum Olibanum: Botany, Oleoresin, Chemistry, Extraction, Utilization, Propagation, Biotechnology, and Conservation	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162116178&partnerID=40&md5=1ab92862520d2df209d84e0776474783	Scopus

Chandra S.	Effects of site dilution on Compensation in Ising Spin-1/2 trilayered triangular Ferrimagnets with non-equivalent planes	2023	Physica A: Statistical Mechanics and its Applications	1	10.1016/j.physa.2023.128737	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152485524&doi=10.1016%2fj.physa.2023.128737&partnerID=40&md5=e5ea462a3d3f0a2b4e08732399efe17e	Scopus
Saha S.; Mukherjee C.; Basak D.; Panja P.; Mondal P.K.; Ghosh R.; Halder A.; Chowdhury A.; Dhali G.K.; Chattopadhyay B.K.; Ghosh S.; Nath S.; Datta S.	High expression of mesothelin in plasma and tissue is associated with poor prognosis and promotes invasion and metastasis in gastric cancer	2023	Advances in Cancer Biology - Metastasis	0	10.1016/j.adcanc.2023.100098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151030775&doi=10.1016%2fj.adcanc.2023.100098&partnerID=40&md5=1b8697588a976cd55383e40da67199a9	Scopus
Dutta A.; Halder P.; Gayen A.; Mukherjee A.; Mukherjee C.; Majumder S.	Increase in primary cilia number and length upon VDAC1 depletion contributes to attenuated proliferation of cancer cells	2023	Experimental Cell Research	0	10.1016/j.yexcr.2023.113671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161263087&doi=10.1016%2fj.yexcr.2023.113671&partnerID=40&md5=1d6c953d5932a47f31d869945a36d534	Scopus
Pal P.; Anand U.; Saha S.C.; Sundaramurthy S.; Okeke E.S.; Kumar M.; Radha; Bontempi E.; Albertini E.; Dey A.; Di Maria F.	Novel CRISPR/Cas technology in the realm of algal bloom biomonitoring: Recent trends and future perspectives	2023	Environmental Research	4	10.1016/j.envres.2023.115989	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160097031&doi=10.1016%2fj.envres.2023.115989&partnerID=40&md5=a9b58cfcf1ad43f7ae2cbf3b86d17280	Scopus
Pal R.; Dutta S.	Association Study of Transforming Growth Factor Beta 1 + 29 T/C exon 1 Polymorphism in Breast Cancer Patients from North Indian Population	2023	Applied Biochemistry and Biotechnology	0	10.1007/s12010-023-04438-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150646841&doi=10.1007%2fs12010-023-04438-5&partnerID=40&md5=44bad0371009a37ff2213be8565767f5	Scopus

Barman T.; Samant S.S.; Jyoti; Dey A.; Nandy S.; Maitra R.; Tiwari L.M.; Anjana	Sustainable employment of folkloric botanicals and conservation practices adopted by the inhabitants of Parbati Valley of North Western Himalaya, India in healing substantial corporeal disorders	2023	Advances in Traditional Medicine	1	10.1007/s13596-021-00605-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115390937&doi=10.1007%2fs13596-021-00605-3&partnerID=40&md5=841d69db3366067912bd3a50359b01ab	Scopus
Bhaumik S.; Mandal S.; Tripathy S.C.	Unraveling the functional diversity of macrobenthic community from Prydz Bay, Indian sector of the Southern Ocean	2023	Continental Shelf Research	0	10.1016/j.csr.2023.105043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162253013&doi=10.1016%2fj.csr.2023.105043&partnerID=40&md5=11202938ccf11308f76d288ee8744f3e	Scopus
Das T.; Prasad A.; Dey A.	Mycoviral gene-incorporating phytopathogenic fungi: a biocontrol agent	2023	Trends in Plant Science	1	10.1016/j.tplants.2023.05.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159907522&doi=10.1016%2fj.tplants.2023.05.005&partnerID=40&md5=a326fde57e37e48a09ed5a046a08834b	Scopus
Chandran D.; Ankitha Indu J.; Sivasabari K.; Meenakshy S.; Sreelakshmi M.; Amrithendhu V.R.; Ahamed K.; Ram G.; Mohan D.; Anamika P.; Chakraborty S.; Chopra H.; Akash S.; Amin R.; Ahmed S.K.; Dey A.; Sharma A.K.; Dhama K.	Potential benefits and therapeutic applications of "Panchgavya" therapy (Cowpathy) for human and animal health: Current scientific knowledge	2023	Journal of Experimental Biology and Agricultural Sciences	0	10.18006/2023.11(3).520.533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166003969&doi=10.18006%2f2023.11%283%29.520.533&partnerID=40&md5=6dafce272dc970948d49da89f4aae1ce	Scopus
Dey S.; Basu A.; Banerjee S.N.; Jain V.	Discharge-driven rapid bank-erosion and its impact on sediment budgeting in the lower Gangetic plains	2023	Episodes	2	10.18814/epiiugs/2022/022027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152860405&doi=10.18814%2fepiiugs%2f2022%2f022027&partnerID=40&md5=1de4e300261c2bfed22070bb63b55005	Scopus

Bhattarai A.; Das B.	Viscosity of Sodium Polystyrenesulfonate with Cetyltrimethylammonium Bromide in the Mixture of Methanol and Water	2023	Journal of Physical Chemistry B	0	10.1021/acs.jpcb.3c02565	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167783495&doi=10.1021%2facs.jpcb.3c02565&partnerID=40&md5=b04219c26b778468ba3a2a86d2c800b4	Scopus
Mistry P.; Pathak K.; Prasad A.; Lekkas G.; Bhattarai S.; Gharat S.; Maity M.; Kumar D.; Collins K.A.; Schwarz R.P.; Mann C.R.; Furlan E.; Howell S.B.; Ciardi D.; Bieryla A.; Matthews E.C.; Gonzales E.; Ziegler C.; Crossfield I.; Giacalone S.; Tan T.-G.; Evans P.; Hełminiak K.G.; Collins K.I.; Narita N.; Fukui A.; Pozuelos F.J.; Dressing C.; Soubkiou A.; Benkhaldoun Z.; Schlieder J.E.; Suarez O.; Barkaoui K.; Palle E.; Murgas F.; Srdoc G.; Goliguzova M.V.; Strakhov I.A.; Gnilka C.; Lester K.; Littlefield C.; Scott N.; Matson R.; Gillon M.; Jehin E.; Timmermans M.; Ghachoui M.; Abe L.; Bendjoya P.; Guillot T.; Triaud A.H.M.J.	VaTEST. II. Statistical Validation of 11 TESS-detected Exoplanets Orbiting K-type Stars	2023	Astronomical Journal	0	10.3847/1538-3881/acd548	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162079568&doi=10.3847%2f1538-3881%2facd548&partnerID=40&md5=7e257c85b426d4424d7a2b1db908df9c	Scopus

Mandal S.; Gupta S.K.; Ghorai M.; Patil M.T.; Biswas P.; Kumar M.; Radha; Gopalakrishnan A.V.; Mohture V.M.; Rahman M.H.; Prasanth D.A.; Mane A.B.; Jha N.K.; Jha S.K.; Lal M.K.; Tiwari R.K.; Dey A.	Plant nutrient dynamics: a growing appreciation for the roles of micronutrients	2023	Plant Growth Regulation	4	10.1007/s10725-023-01006-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158056172&doi=10.1007%2fs10725-023-01006-z&partnerID=40&md5=8edf6f6a6f741ac5a10966477cfe56c0	Scopus
Manokari M.; Priyadharshini S.; Cokulraj M.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	Amelioration of Morpho-structural and Physiological Disorders in Micropropagation of Aloe vera L. by Use of an Aromatic Cytokinin 6-(3-Hydroxybenzylamino) Purine	2023	Journal of Plant Growth Regulation	4	10.1007/s00344-022-10672-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131064154&doi=10.1007%2fs00344-022-10672-8&partnerID=40&md5=8d479bab2bea2ebcb535e9436b82106b	Scopus
Dey S.; Biswas A.; Kundu R.; Paul S.	Role of copper in tolerance against different environmental stress	2023	Biology and Biotechnology of Environmental Stress Tolerance in Plants: Trace Elements in Environmental Stress Tolerance	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162100283&partnerID=40&md5=2661c4d91b149e01cd1bb8483e06e417	Scopus
Banerjee A.; Akhtar M.N.; Navascués M.A.	Local α -fractal interpolation function	2023	European Physical Journal: Special Topics	3	10.1140/epjs/s11734-023-00865-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160733129&doi=10.1140%2fepjs%2fs11734-023-00865-x&partnerID=40&md5=f1e4e1f6f3108ef6940dd9516631ba5a	Scopus

Chakraborty S.; Bhattacharyya S.; Banik R.; Bhattacharya S.; Mukherjee G.; Bhattacharya C.; Biswas S.; Rajbanshi S.; Dar S.; Nandi S.; Ali S.; Chatterjee S.; Das S.; Das Gupta S.; Ghugre S.S.; Goswami A.; Lemasson A.; Mondal D.; Mukhopadhyay S.; Navin A.; Pai H.; Pal S.; Pandit D.; Raut R.; Ray P.; Rejmund M.; Samanta S.	Search for the origin of wobbling motion in the A≈130 region: The case of Xe 131	2023	Physical Review C	2	10.1103/PhysRevC.107.064318	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163978545&doi=10.1103%2fPhysRevC.107.064318&partnerID=40&md5=bf17b508fb425341a001a770320306c7	Scopus
Sharma P.K.; Babbar A.; Mallick D.; Das S.	Constructing 1-Ethoxyphenanthro[9,10-e]acephenanthrylene for the Synthesis of a Polyaromatic Hydrocarbon Containing a Formal Azulene Unit	2023	Journal of Organic Chemistry	1	10.1021/acs.joc.2c03103	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152638931&doi=10.1021%2facs.joc.2c03103&partnerID=40&md5=551b6a27bdb61046198105524fa91605	Scopus
Mondal A.; Das R.; Bhowmik A.; Ghosh M.; Biswas B.; Banerjee P.	Mutually independent pathways for one-to-two chemodosimetric recognition of Zn2+ and F− by a dimeric nickel(II) complex: A potential biomarker sensor for copper deficiency myelopathy	2023	Journal of Photochemistry and Photobiology A: Chemistry	1	10.1016/j.jphotochem.2023.114748	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151746556&doi=10.1016%2fj.jphotochem.2023.114748&partnerID=40&md5=918f93c916b2b6741dddc43d316e8c78	Scopus
Saha U.; De R.; Das B.	Interactions between loaded drugs and surfactant molecules in micellar drug delivery systems: A critical review	2023	Journal of Molecular Liquids	11	10.1016/j.molliq.2023.121906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154571610&doi=10.1016%2fj.molliq.2023.121906&partnerID=40&md5=24f0f8bf52e19713577b66258a48e72b	Scopus

Tiwari R.K.; Kumar R.; Lal M.K.; Kumar A.; Altaf M.A.; Devi R.; Mangal V.; Naz S.; Altaf M.M.; Dey A.; Aftab T.	Melatonin-Polyamine Interplay in the Regulation of Stress Responses in Plants	2023	Journal of Plant Growth Regulation	10	10.1007/s00344-022-10717-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134538079&doi=10.1007%2fs00344-022-10717-y&partnerID=40&md5=0028975b80614b5338e37d466e690b55	Scopus
Mondal A.K.; Chakraborty A.; Mandal K.; Ghosh U.S.; Dey A.; Biswas S.; Mukherjee B.; Krishichayan; Chatteerjee S.; Das S.K.; Samanta S.; Raut R.; Ghugre S.S.; Mukhopadhyay S.; Rajbanshi S.; Banik R.; Bhattacharyya S.; Nandi S.; Chakraborty S.; Bhattacharya S.; Mukherjee G.; Ali S.; Goswami A.; Chakrabarti R.; Kumar A.; Goswami R.	Investigation of the low- and medium-spin level structure in As 77	2023	Physical Review C	0	10.1103/PhysRevC.107.064320	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164203198&doi=10.1103%2fPhysRevC.107.064320&partnerID=40&md5=2be498108cf7dcd01462c90e488472fb	Scopus
Cokul Raj M.; Manokari M.; Arumugam N.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	Silicon Nanoparticles Mediated In vitro Flowering and Study of Pollen Viability in Vitex negundo L.	2023	Silicon	3	10.1007/s12633-023-02397-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150174329&doi=10.1007%2fs12633-023-02397-4&partnerID=40&md5=ca842f509cb3ec7a414281ed3c088df2	Scopus
Biswas M.; Raha A.	An overview of open channel monsoon hydraulics of Himalayan foothill rivers, West Bengal, India	2023	Modeling Earth Systems and Environment	1	10.1007/s40808-022-01481-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136562808&doi=10.1007%2fs40808-022-01481-9&partnerID=40&md5=be2da21efc021775029687665d8e8a2a	Scopus

Altaf M.A.; Sharma N.; Srivastava D.; Mandal S.; Adavi S.; Jena R.; Bairwa R.K.; Gopalakrishnan A.V.; Kumar A.; Dey A.; Lal M.K.; Tiwari R.K.; Kumar R.; Ahmed P.	Deciphering the melatonin-mediated response and signalling in the regulation of heavy metal stress in plants	2023	Planta	16	10.1007/s00425-023-04146-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159739701&doi=10.1007%2fs00425-023-04146-8&partnerID=40&md5=772d239eca5eadbff11cf0c957112835	Scopus
Biswas T.; Haque I.; Roy S.; Chakraborty B.; Mitra D.; Kumar Kar G.; Halder A.	Unraveling the Interaction of Synthesized Thienoangelicin Derivative by Fluorescence Studies with Solvents, Bovine Serum Albumin and Metal Ions	2023	ChemistrySelect	0	10.1002/slct.202300857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165624516&doi=10.1002%2fslct.202300857&partnerID=40&md5=c1dc27326d6e5c51107e56a7f0f12eda	Scopus
Altaf M.A.; Mandal S.; Behera B.; Mangal V.; Naz S.; Kumar R.; Kumar A.; Ghorai M.; Singh B.; Dey A.; Tiwari R.K.; Lal M.K.; Aftab T.	Salinity Stress Tolerance in Solanaceous Crops: Current Understanding and Its Prospects in Genome Editing	2023	Journal of Plant Growth Regulation	6	10.1007/s00344-022-10890-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144939835&doi=10.1007%2fs00344-022-10890-0&partnerID=40&md5=b1ff5c8ee9f033737b72d6b50422242e	Scopus
Nair P.S.; Sivani Menon P.S.; Suresh S.; Sreekanth A.J.; Sivasabari K.; Adithya Krishna S.; Anuranj P.R.; Krishnan N.; Parvathy S.; Chakraborty S.; Chopra H.; Akash S.; Amin R.; Dey A.; Alagawany M.; Chandran D.; Dhama K.	Beneficial impacts of biochar as a potential feed additive in animal husbandry	2023	Journal of Experimental Biology and Agricultural Sciences	0	10.18006/2023.11(3).479.499	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165965729&doi=10.18006%2f2023.11%283%29.479.499&partnerID=40&md5=5c239c255d351c373e610928d5df04bd	Scopus

Anand U.; Dey S.; Bontempi E.; Ducoli S.; Vethaak A.D.; Dey A.; Federici S.	Biotechnological methods to remove microplastics: a review	2023	Environmental Chemistry Letters	37	10.1007/s10311-022-01552-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147664491&doi=10.1007%2fs10311-022-01552-4&partnerID=40&md5=424a5b3e1e3aec03dd83ee02a8880739	Scopus
Santra R.; Dey B.; Roy S.; Palit R.; Laskar M.S.R.; Pai H.; Rajbanshi S.; Ali S.; Bhattacharjee S.; Babra F.S.; Mukherjee A.; Jadhav S.; Naidu B.S.; Vazhappilly A.T.; Pal S.	Collective enhancement in nuclear level density of Ga 72 and Ga 71 from γ -gated proton spectra	2023	Physical Review C	1	10.1103/PhysRevC.107.064611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163829914&doi=10.1103%2fPhysRevC.107.064611&partnerID=40&md5=cb27ccfe9909bcffef16e50efb6bfeed	Scopus
Naskar M.; Acharyya M.; Vatansever E.; Fytas N.G.	Disorder effects on the metastability of classical Heisenberg ferromagnets	2023	Physical Review E	0	10.1103/PhysRevE.108.014121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165672473&doi=10.1103%2fPhysRevE.108.014121&partnerID=40&md5=67b581ee080f8c483811973d7d8f97cd	Scopus
Nandy S.; Mandal S.; Gupta S.K.; Anand U.; Ghorai M.; Mundhra A.; Rahman M.H.; Ray P.; Mitra S.; Ray D.; Lal M.K.; Tiwari R.K.; Nongdam P.; Pandey D.K.; Shekhawat M.S.; Jha N.K.; Jha S.K.; Kumar M.; Radha; Sharifi-Rad J.; Dey A.	Role of Polyamines in Molecular Regulation and Cross-Talks Against Drought Tolerance in Plants	2023	Journal of Plant Growth Regulation	9	10.1007/s00344-022-10802-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138864112&doi=10.1007%2fs00344-022-10802-2&partnerID=40&md5=15f793164e6753c7f45033fb45576fec	Scopus

Krishan G.; Ghosh S.; Virk H.S.	Arsenic pollution and associated human health hazards in Rupnagar district, Punjab, India	2023	Environmental Science and Pollution Research	3	10.1007/s11356-023-27247-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158135486&doi=10.1007%2fs11356-023-27247-z&partnerID=40&md5=2f12cc1931f7716d167bfc0c064c5710	Scopus
Das R.; Barman A.; Roy B.; De P.K.	Pricing and greening strategies in a dual-channel supply chain with cost and profit sharing contracts	2023	Environment, Development and Sustainability	10	10.1007/s10668-022-02255-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126878114&doi=10.1007%2fs10668-022-02255-0&partnerID=40&md5=b8bcbb9286a7b3ca494b1134a426b672	Scopus
Hossain A.; Akhtar M.N.; Navascués M.A.	Fractal Dimension of Fractal Functions on the Real Projective Plane	2023	Fractal and Fractional	1	10.3390/fractalfract7070510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175100609&doi=10.3390%2ffractalfract7070510&partnerID=40&md5=74f7749998d76893bf603dd8edb41aa1	Scopus
Mohite P.; Pandhare R.; Mukerjee N.; Sharma R.; Dey A.; Mohapatra R.K.; Mishra S.; Sarangi A.K.; Padhi B.K.; Sah R.	Zombie virus revitalized from permafrost: Facts and fiction	2023	New Microbes and New Infections	0	10.1016/j.nmni.2023.101113	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154024110&doi=10.1016%2fj.nmni.2023.101113&partnerID=40&md5=ef322e5763e3aa39069f3ed74ba91f0b	Scopus
Khaitan V.; Shill K.; Chatterjee P.; Mukherjee S.; Majumder P.	Singed and vinculin play redundant roles in cell migration by regulating F-actin	2023	Developmental Dynamics	0	10.1002/dvdy.585	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150991109&doi=10.1002%2fdvdy.585&partnerID=40&md5=66307bc2056aca5fa5b169309325f319	Scopus

Khajanchi S.; Sardar M.; Nieto J.J.	Application of Non-singular Kernel in a Tumor Model with Strong Allee Effect	2023	Differential Equations and Dynamical Systems	8	10.1007/s12591-022-00622-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144280259&doi=10.1007%2fs12591-022-00622-x&partnerID=40&md5=b587508377c95038491fb87f41954a95	Scopus
Banerjee A.; Sharma A.; Mandal A.; Das A.K.; Bhatta G.; Bose D.	Detection of periodicity in the gamma-ray light curve of the BL Lac 4FGL J2202.7+4216	2023	Monthly Notices of the Royal Astronomical Society: Letters	1	10.1093/mnrasl/slad057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163077792&doi=10.1093%2fmnrasl%2fslad057&partnerID=40&md5=dbfa45eeb7f9ffb581b14b6aaf22bb0a	Scopus
Nelson Navamniraj K.; Sivasabari K.; Ankitha Indu J.; Krishnan D.; Anjali M.R.; Akhil P.R.; Pran M.; Nainu F.; Praveen S.V.; Singh P.; Chopra H.; Chakraborty S.; Dey A.; Dhama K.; Chandran D.	Beneficial impacts of goat milk on the nutritional status and general well-being of human beings: Anecdotal evidence	2023	Journal of Experimental Biology and Agricultural Sciences	4	10.18006/2023.11(1).1.15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150072048&doi=10.18006%2f2023.11%281%29.1.15&partnerID=40&md5=4383ba849aff7db842a73750ffa042b8	Scopus
Sahana M.; Ravetz J.; Patel P.P.; Dadashpoor H.; Follmann A.	Where Is the Peri-Urban? A Systematic Review of Peri-Urban Research and Approaches for Its Identification and Demarcation Worldwide	2023	Remote Sensing	11	10.3390/rs15051316	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149978594&doi=10.3390%2frs15051316&partnerID=40&md5=0e373dbfb2f7be52332f8a9f32facd2e	Scopus
Manna S.; Roy S.; Dolai A.; Ravula A.R.; Perumal V.; Das A.	Current and future prospects of “all-organic” nanoinsecticides for agricultural insect pest management	2023	Frontiers in Nanotechnology	5	10.3389/fnano.2022.1082128	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146896459&doi=10.3389%2ffnano.2022.1082128&partnerID=40&md5=bb8607184aa11a11a4be0753e441e6b0	Scopus

Chakraborty P.; Dey A.; Gopalakrishnan A.V.; Swati K.; Ojha S.; Prakash A.; Kumar D.; Ambasta R.K.; Jha N.K.; Jha S.K.; Dewanjee S.	Glutamatergic neurotransmission: A potential pharmacotherapeutic target for the treatment of cognitive disorders	2023	Ageing Research Reviews	8	10.1016/j.arr.2022.101838	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146708196&doi=10.1016%2fj.arr.2022.101838&partnerID=40&md5=0c2cf3a3f38aca3547934ec53ad87bed	Scopus
Tewary A.; Mandal S.; Chakrabarti A.; Saha D.; Adhikari A.	Differential Fault Analysis of Trivium Using Artificial Neural Network on SoC Platform	2023	Lecture Notes in Electrical Engineering	0	10.1007/978-981-99-0055-8_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181075097&doi=10.1007%2f978-981-99-0055-8_22&partnerID=40&md5=2f6f6fb03491a9917640ad8a8c5758ec	Scopus
Mukherjee S.; Das P.; Ghosh G.; Bose S.; Amal Dev J.; Das K.; Tomson J.K.	Petrography, geochemistry and detrital zircon geochronology of the Srisailam Quartzite Formation, Cuddapah Basin, India: Implications for depositional age, correlation and provenance	2023	Precambrian Research	4	10.1016/j.precamres.2023.106978	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147348956&doi=10.1016%2fj.precamres.2023.106978&partnerID=40&md5=a05210a4105e19c48c8799376f1eedb4	Scopus
Yang W.; Pan S.; Di Valentino E.; Escamilla-Rivera C.; Paliathanasis A.	Exploring bulk viscous unified scenarios with gravitational waves standard sirens	2023	Monthly Notices of the Royal Astronomical Society	2	10.1093/mnras/stad115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161516070&doi=10.1093%2fmnras%2fstad115&partnerID=40&md5=becb7d2e1e1058b5cf2263b7bb3c9e51	Scopus
Jana S.K.; Tamang P.	Prospects of rehabilitation of ancient irrigation systems in India – A case study from coastal saline zone of West Bengal	2023	Agricultural Systems	2	10.1016/j.agsy.2023.103638	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150063329&doi=10.1016%2fj.agsy.2023.103638&partnerID=40&md5=3a967a5ba8dc64cc222ce42443ff233a	Scopus
Sahana M.; Patel P.P.; Rehman S.; Rahaman M.H.; Masroor M.; Imdad K.; Sajjad H.	Assessing the effectiveness of existing early warning systems and emergency preparedness towards reducing cyclone-induced losses in the Sundarban Biosphere Region, India	2023	International Journal of Disaster Risk Reduction	2	10.1016/j.ijdrr.2023.103645	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151008650&doi=10.1016%2fj.ijdrr.2023.103645&partnerID=40&md5=e18fda3877b102d8bd6bb77b513e67b3	Scopus

Das R.N.; Sounda S.K.	Coherence and path indistinguishability for the interference of multiple single-mode fields	2023	Indian Journal of Physics	0	10.1007/s12648-022-02398-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133198281&doi=10.1007%2fs12648-022-02398-w&partnerID=40&md5=8160fd2677de8ac3d08c1829eaecf237	Scopus
Mandal S.; Das T.; Nandy S.; Ghorai M.; Saha S.C.; Gopalakrishnan A.V.; Kumar M.; Radha; Ghosh A.; Mukerjee N.; Shekhawat M.S.; Pandey D.K.; Dey A.	Biotechnological and endophytic-mediated production of centellosides in Centella asiatica	2023	Applied Microbiology and Biotechnology	2	10.1007/s00253-022-12316-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143715848&doi=10.1007%2fs00253-022-12316-z&partnerID=40&md5=db4af9e7675a9e624028c4129074968a	Scopus
Dutta T.; Das T.; Gopalakrishnan A.V.; Saha S.C.; Ghorai M.; Nandy S.; Kumar M.; Radha; Ghosh A.; Mukerjee N.; Dey A.	Mangiferin: the miraculous xanthone with diverse pharmacological properties	2023	Naunyn-Schmiedeberg's Archives of Pharmacology	5	10.1007/s00210-022-02373-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146595343&doi=10.1007%2fs00210-022-02373-6&partnerID=40&md5=7c99f19cf98fbc4992d2726cf487c125	Scopus
Konjengbam M.; Kumar V.; Dwivedi P.; Gangaprasad A.; Dey A.; Pandey D.K.	Identification of elite species of Ophiorrhiza utilizing HPTLC analysis and camptothecin as a phytochemical marker: Assessment of extraction effectiveness and organ selection	2023	Biocatalysis and Agricultural Biotechnology	0	10.1016/j.bcab.2023.102632	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150356387&doi=10.1016%2fj.bcab.2023.102632&partnerID=40&md5=c4486c8015146b2bea1822d293f0b0a1	Scopus
Wanjari U.R.; Mukherjee A.G.; Gopalakrishnan A.V.; Murali R.; Dey A.; Vellingiri B.; Ganesan R.	Role of Metabolism and Metabolic Pathways in Prostate Cancer	2023	Metabolites	2	10.3390/metabo13020183	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148898538&doi=10.3390%2fmetabo13020183&partnerID=40&md5=e2b657448dd8a260b6f5d235d324992d	Scopus

Ghosh S.; Mandal N.; Roy S.; Bose S.	Tectono-metamorphic transitions in the higher Himalayan sequence: A clue for Main Central Thrust (MCT) localization in Darjeeling-Sikkim Himalaya	2023	Journal of Structural Geology	1	10.1016/j.jsg.2022.104783	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147123476&doi=10.1016%2fj.jsg.2022.104783&partnerID=40&md5=af89aa59503648db0ca17ac074e17eed	Scopus
Dutta T.; Ikbal H.	Ferns from folklore to pharmacy: Ethnopharmacology of pteridophytes	2023	Ferns: Growth, Diversity and Ecological Importance	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158025748&partnerID=40&md5=cf3e27a5a4f493f399db903511991bbe	Scopus
Lal P.; Behera B.; Yadav M.R.; Sharma E.; Altaf M.A.; Dey A.; Kumar A.; Tiwari R.K.; Lal M.K.; Kumar R.	A Bibliometric Analysis of Groundwater Access and Its Management: Making the Invisible Visible	2023	Water (Switzerland)	4	10.3390/w15040806	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149228036&doi=10.3390%2fw15040806&partnerID=40&md5=eaf8c9436a6142510fc5b3efb007f5ce	Scopus
Sharma P.K.; Mallick D.; Sharma H.; Das S.	Dominating Antiaromatic Character of as-Indacene Decides Overall Properties of a Formally Aromatic Dicyclopenta[c]fluorenothiophene	2023	Organic Letters	5	10.1021/acs.orglett.3c00261	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151388111&doi=10.1021%2facs.orglett.3c00261&partnerID=40&md5=a309d76246b4a3533ad97cd4c2acdbfd	Scopus
Hussain A.; Hussain A.; Sabnam N.; Kumar Verma C.; Shrivastava N.	Insilico exploration of the potential inhibitory activity of DrugBank compounds against CDK7 kinase using structure-based virtual screening, molecular docking, and dynamics simulation approach	2023	Arabian Journal of Chemistry	4	10.1016/j.arabjc.2022.104460	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145654201&doi=10.1016%2fj.arabjc.2022.104460&partnerID=40&md5=0c3e0a7f0aa6472fd176f48ccf5deacd	Scopus
Mukherjee A.; Pal S.; Parhi S.; Karki S.; Ingole P.G.; Ghosh P.	One-Pot Extraction of Bioresources from Human Hair via a Zero-Waste Green Route	2023	ACS Omega	0	10.1021/acsomega.3c01428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154572395&doi=10.1021%2facsomega.3c01428&partnerID=40&md5=935d33706a4711361c4171bbab65e2a8	Scopus

Das A.; Bej S.; Pandit N.R.; Banerjee P.; Biswas B.	Recent advancements of metal-organic frameworks in sensing platforms: relevance in the welfare of the environment and the medical sciences with regard to cancer and SARS-CoV-2	2023	Journal of Materials Chemistry A	4	10.1039/d2ta07938k	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151021739&doi=10.1039%2fd2ta07938k&partnerID=40&md5=4c66ed6fe28e6696172072d54071d751	Scopus
Sadhukhan B.; Chimata R.; Sanyal B.; Mookerjee A.	Magnetization Dynamics in FexCo1-x in Presence of Chemical Disorder	2023	Magnetochemistry	1	10.3390/magnetochemistry9020044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148735096&doi=10.3390%2fmagnetochemistry9020044&partnerID=40&md5=480514f2d957edd372e86d44cb73cebf	Scopus
Soni A.; Bhandari M.P.; Tripathi G.K.; Bundela P.; Khiriya P.K.; Khare P.S.; Kashyap M.K.; Dey A.; Vellingiri B.; Sundaramurthy S.; Suresh A.; Pérez de la Lastra J.M.	Nano-biotechnology in tumour and cancerous disease: A perspective review	2023	Journal of Cellular and Molecular Medicine	11	10.1111/jcmm.17677	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148890428&doi=10.1111%2fjcmm.17677&partnerID=40&md5=e2fccd169306f11d0840cfc9d519b341	Scopus
Das S.; Mondal A.; Dey C.; Chakraborty S.; Bhowmik R.; Karmakar S.; Sengupta A.	ER stress induces upregulation of transcription factor Tbx20 and downstream Bmp2 signaling to promote cardiomyocyte survival	2023	Journal of Biological Chemistry	1	10.1016/j.jbc.2023.103031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150391714&doi=10.1016%2fj.jbc.2023.103031&partnerID=40&md5=2db91d873293cb8a3f5de8aef38d9c4b	Scopus
Baag S.; Mandal S.	Do global environmental drivers' ocean acidification and warming exacerbate the effects of oil pollution on the physiological energetics of Scylla serrata?	2023	Environmental Science and Pollution Research	4	10.1007/s11356-022-23849-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141222038&doi=10.1007%2fs11356-022-23849-1&partnerID=40&md5=4a24625faf3ddb7d00c191cd67f21df7	Scopus

Bhattacharya S.; Perris A.; Jawed J.J.; Hoda M.	Therapeutic role of resveratrol against hepatocellular carcinoma: A review on its molecular mechanisms of action	2023	Pharmacological Research - Modern Chinese Medicine	3	10.1016/j.prmcm.2023.100233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149839006&doi=10.1016%2fj.prmcm.2023.100233&partnerID=40&md5=dc9551f057ee0bdbeb79892a8dbb5d40	Scopus
Islam S.; Mukherjee C.	Molecular regulation of hypoxia through the lenses of noncoding RNAs and epitranscriptome	2023	Wiley Interdisciplinary Reviews: RNA	6	10.1002/wrna.1750	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133287140&doi=10.1002%2fwrna.1750&partnerID=40&md5=499b58e94da0b6776c3c5ab85663fbbd	Scopus
Singhal R.; Pal R.; Dutta S.	Chloroplast Engineering: Fundamental Insights and Its Application in Amelioration of Environmental Stress	2023	Applied Biochemistry and Biotechnology	2	10.1007/s12010-022-03930-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129027320&doi=10.1007%2fs12010-022-03930-8&partnerID=40&md5=d3722f5fe1a7e429bca68ff4198fd653	Scopus
Gadewar M.M.; G K P.; Mishra P.C.; Ashraf G.M.; Almashjary M.N.; Harakeh S.; Upadhye V.; Dey A.; Singh P.; Jha N.K.; Jha S.K.	Evaluation of Antidiabetic, Antioxidant and Anti-Hyperlipidemic Effects of Solanum indicum Fruit Extract in Streptozotocin-Induced Diabetic Rats	2023	Current Issues in Molecular Biology	3	10.3390/cimb45020058	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148744917&doi=10.3390%2fcimb45020058&partnerID=40&md5=2a701018e99903aad64d99a53072c2f1	Scopus
Anand U.; Bandyopadhyay A.; Jha N.K.; Pérez de la Lastra J.M.; Dey A.	Translational aspect in peptide drug discovery and development: An emerging therapeutic candidate	2023	BioFactors	15	10.1002/biof.1913	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141424927&doi=10.1002%2fbiof.1913&partnerID=40&md5=cd3414e4dce202e0ca917572f41907a7	Scopus
Baag S.; Mandal S.	Do predator (Mystus gulio) and prey (Penaeus monodon) have differential response against heatwaves? Unveiling through oxidative stress biomarkers and thermal tolerance estimation	2023	Marine Environmental Research	1	10.1016/j.marenvres.2022.105850	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145580661&doi=10.1016%2fj.marenvres.2022.105850&partnerID=40&md5=9f39b8a57bd76866ddf6ec3ca87d0110	Scopus

Das T.; Nandy S.; Ghosh A.; Chandran D.; Sharma A.K.; Dhama K.; Dey A.	Efficacy of smallpox approved tecovirimat (Tpoxx) drug against Monkeypox: current update and futuristic prospects	2023	International journal of surgery (London, England)	2	10.1097/JS9.0000000000000077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160204125&doi=10.1097%2fJS9.0000000000000077&partnerID=40&md5=30fc6aa0438ea0209d9bf743d0a87aa9	Scopus
Mondal P.; Singh P.; Morgan D.; Bose A.; Sen K.	Ni-sinapic acid nanocomposite in the selective sensing of permanganate ions	2023	Journal of Photochemistry and Photobiology A: Chemistry	0	10.1016/j.jphotochem.2022.114458	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145748393&doi=10.1016%2fj.jphotochem.2022.114458&partnerID=40&md5=98fff337bcf783ec8cbdf12048d5eee4	Scopus
Sen K.; Adhikari M.; Biswas C.; Maity S.; Chatterjee A.; Pramanick K.	Cancer immunotherapy-associated endocrine complications and treatment strategies	2023	Biomarkers in Cancer Detection and Monitoring of Therapeutics: Diagnostic and Therapeutic Applications: Volume 2	0	10.1016/B978-0-323-95114-2.00010-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183281456&doi=10.1016%2fB978-0-323-95114-2.00010-8&partnerID=40&md5=61338781698e4306c28f79fa84b6e1e2	Scopus
Jeffrey L.L.; Beukes N.; Vorster C.; Mukhopadhyay J.	New insight into the tectonic setting of fault-bounded Indian Gondwana coal basins from U-Pb detrital zircon provenance ages of the Bokaro and Jharia basins, central east India	2023	Geological Magazine	0	10.1017/S0016756822000930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153227585&doi=10.1017%2fS0016756822000930&partnerID=40&md5=50a3b49a2546ace277b02a804c685baf	Scopus
Roy R.; Chakrabarti B.; Chavda N.D.; Lekala M.L.	Information theoretic measures for interacting bosons in optical lattice	2023	Physical Review E	2	10.1103/PhysRevE.107.024119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148322277&doi=10.1103%2fPhysRevE.107.024119&partnerID=40&md5=4312f3339ebded38183911e029831b67	Scopus
M M.; M C.; Faisal M.; Alatar A.A.; Alok A.; Dey A.; Shekhawat M.S.	Polyethylene-glycol modulated foliar anatomical and histochemical traits in Coccoloba uvifera (L.) L.: A salt and drought tolerant tree species	2023	South African Journal of Botany	3	10.1016/j.sajb.2022.12.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144303191&doi=10.1016%2fj.sajb.2022.12.009&partnerID=40&md5=1188b1373967318c894d896084786895	Scopus

Naskar P.; Debnath S.; Mukherjee N.; Banerjee A.	Indispensable Assets for Rechargeable World: Lithium-ion Batteries	2023	Resonance	1	10.1007/s12045-023-1584-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153321175&doi=10.1007%2fs12045-023-1584-6&partnerID=40&md5=e6977b05124394042cd86d170fa2987c	Scopus
Ghatrehsamani S.; Jha G.; Dutta W.; Molaei F.; Nazrul F.; Fortin M.; Bansal S.; Debangshi U.; Neupane J.	Artificial Intelligence Tools and Techniques to Combat Herbicide Resistant Weeds—A Review	2023	Sustainability (Switzerland)	14	10.3390/su15031843	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147868660&doi=10.3390%2fsu15031843&partnerID=40&md5=26a175149cc01ebbe3af81cd1739b631	Scopus
Majumder S.; Deganutti G.; Pipitò L.; Chaudhuri D.; Datta J.; Giri K.	Computational Insights into the Conformational Dynamics of HIV-1 Vpr in a Lipid Bilayer for Ion Channel Modeling	2023	Journal of Chemical Information and Modeling	0	10.1021/acs.jcim.3c01859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190157088&doi=10.1021%2facs.jcim.3c01859&partnerID=40&md5=33f8c21512832b3700b408183cf0f5f9	Scopus
Basak P.; Ghosh M.; Ray P.	Industrial Mycofabrication of Fungal Metabolites for Sustainable Use with Emphasis on Weed Management	2023	Reference Series in Phytochemistry	0	10.1007/978-3-031-30037-0_28-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182835642&doi=10.1007%2f978-3-031-30037-0_28-1&partnerID=40&md5=ae259a9aff4d9b7184075001e2fa6dcd	Scopus
Nandi A.K.; Chatterjee D.P.	Hybrid polymer gels for energy applications	2023	Journal of Materials Chemistry A	10	10.1039/d2ta09525d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151011831&doi=10.1039%2fd2ta09525d&partnerID=40&md5=657c49fca54360cb787ebdd4d9c2bc6b	Scopus

Jayaprakash K.; Manokari M.; Cokulraj M.; Dey A.; Faisal M.; Alatar A.A.; Joshee N.; Shekhawat M.S.	Improved organogenesis and micro-structural traits in micropropagated plantlets of Caralluma umbellata Haw. in response to Meta-Topolin	2023	Plant Cell, Tissue and Organ Culture	4	10.1007/s11240-023-02447-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146609423&doi=10.1007%2fs11240-023-02447-0&partnerID=40&md5=1117147ffcf489be051a2b75e6bd6077	Scopus
Kumar A.; Konar A.	Editorial: Neuromodulating bioactive compounds as potential cognitive therapeutics	2023	Frontiers in Aging Neuroscience	0	10.3389/fnagi.2023.1143193	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148522328&doi=10.3389%2ffnagi.2023.1143193&partnerID=40&md5=3257ad1e5c9ed4cea7a33c18977506b5	Scopus
Saha S.; Chakrabarti G.; Basu S.	Dynamics of time-varying currency beta on Indian industries: A Markov switching approach	2023	IIMB Management Review	0	10.1016/j.iimb.2023.04.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158074894&doi=10.1016%2fj.iimb.2023.04.004&partnerID=40&md5=ed645786c6b05a98c0c9fc407d806281	Scopus
Bera S.; Khajanchi S.; Roy T.K.	Stability analysis of fuzzy HTLV-I infection model: a dynamic approach	2023	Journal of Applied Mathematics and Computing	18	10.1007/s12190-022-01741-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129683868&doi=10.1007%2fs12190-022-01741-y&partnerID=40&md5=b72225e804ae423116936f797edc931a	Scopus
Tamang P.	Economic Valuation and Benefit Transfer of Restoring the Teesta Riverine Ecosystem	2023	Nature Environment and Pollution Technology	0	10.46488/NEPT.2023.V22I01.017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152411759&doi=10.46488%2fNEPT.2023.V22I01.017&partnerID=40&md5=6d488fffc447c4c718a1599edff79236	Scopus

Mukherjee A.G.; Wanjari U.R.; Gopalakrishnan A.V.; Kannampuzha S.; Murali R.; Namachivayam A.; Ganesan R.; Renu K.; Dey A.; Vellingiri B.; Prabakaran D.S.	Insights into the Scenario of SARS-CoV-2 Infection in Male Reproductive Toxicity	2023	Vaccines	1	10.3390/vaccines11030510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151510897&doi=10.3390%2fvaccines11030510&partnerID=40&md5=2cb5c25631520f72965d46002484d72b	Scopus
Bansal P.; Sharma V.; Panwar A.; Kumar R.; Sharma A.; Ramniwas S.; Dey A.; Chandran D.; Dhama K.; Sharma A.K.	Computational Docking Study of the Phytochemical Constituent, Silybin (Silybum marianum) against SARS-CoV-2 Omicron Variant Spike Glycoprotein: An In-silico Approach	2023	Journal of Pure and Applied Microbiology	0	10.22207/JPAM.17.1.29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149698356&doi=10.22207%2fJPAM.17.1.29&partnerID=40&md5=5776de1fe44fa8ef8d4bbe35bea60431	Scopus
Tudu C.K.; Bandyopadhyay A.; Kumar M.; Radha; Das T.; Nandy S.; Ghorai M.; Gopalakrishnan A.V.; Proćków J.; Dey A.	Unravelling the pharmacological properties of cryptolepine and its derivatives: a mini-review insight	2023	Naunyn-Schmiedeberg's Archives of Pharmacology	7	10.1007/s00210-022-02302-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139917722&doi=10.1007%2fs00210-022-02302-7&partnerID=40&md5=04ad854c33e00cd8f1b8e193ffe1c16d	Scopus
Bera A.; Samui S.; Datta K.K.	Impact of cosmic rays on the global 21-cm signal during cosmic dawn	2023	Monthly Notices of the Royal Astronomical Society	4	10.1093/mnras/stac3814	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152569483&doi=10.1093%2fmnras%2fstac3814&partnerID=40&md5=893705dcff266a398994e0d2a1003928	Scopus
Waghmare R.; Kumar M.; Yadav R.; Mhatre P.; Sonawane S.; Sharma S.; Gat Y.; Chandran D.; Radha; Hasan M.; Dey A.; Sarkar T.; Banwo K.; Alao M.; Balakrishnan J.; Suryawanshi D.; Lorenzo J.M.	Application of ultrasonication as pre-treatment for freeze drying: An innovative approach for the retention of nutraceutical quality in foods	2023	Food Chemistry	23	10.1016/j.foodchem.2022.134571	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140596038&doi=10.1016%2fj.foodchem.2022.134571&partnerID=40&md5=1a0d78b4003e9575415445388a281595	Scopus

Biswas S.K.; Saha K.; Das G.; Mondal T.K.	Estimation of magma overpressure from partially exposed dykes - A new approach	2023	Journal of Structural Geology	2	10.1016/j.jsg.2023.104822	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147736768&doi=10.1016%2fj.jsg.2023.104822&partnerID=40&md5=c7321ba3bebd42eb3d970c8c0934e748	Scopus
Yang W.; Giarè W.; Pan S.; Di Valentino E.; Melchiorri A.; Silk J.	Revealing the effects of curvature on the cosmological models	2023	Physical Review D	10	10.1103/PhysRevD.107.063509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150918815&doi=10.1103%2fPhysRevD.107.063509&partnerID=40&md5=a251b29b12d640703883f735e9cea675	Scopus
Mukherjee A.; Islam S.; Kieser R.E.; Kiss D.L.; Mukherjee C.	Long noncoding RNAs are substrates for cytoplasmic capping enzyme	2023	FEBS Letters	0	10.1002/1873-3468.14603	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150713170&doi=10.1002%2f1873-3468.14603&partnerID=40&md5=5f534dbd0fca08cc46e5701db655ed93	Scopus
Saha S.; Doughty T.; Banerjee D.; Patel S.K.; Mallick D.; Iyer E.S.S.; Roy S.; Mitra R.	Electrocatalytic reduction of CO2 to CO by a series of organometallic Re(i)-tpy complexes	2023	Dalton Transactions	1	10.1039/d3dt00441d	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160443542&doi=10.1039%2fd3dt00441d&partnerID=40&md5=16104fa01be143c430d78ee094b12195	Scopus
Bose S.; Schellart W.P.; Strak V.; Duarte J.C.; Chen Z.	Sunda subduction drives ongoing India-Asia convergence	2023	Tectonophysics	4	10.1016/j.tecto.2023.229727	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147193223&doi=10.1016%2fj.tecto.2023.229727&partnerID=40&md5=6d5e7ccad9b901f49fb1922b5a7da600	Scopus
Majhi S.; Sikdar (née Bhakta) M.	How heavy metal stress affects the growth and development of pulse crops: insights into germination and physiological processes	2023	3 Biotech	2	10.1007/s13205-023-03585-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158039828&doi=10.1007%2fs13205-023-03585-0&partnerID=40&md5=82e3e4cfa4f4723bfae9182b88f17fe9	Scopus

Padinharayil H.; Varghese J.; John M.C.; Rajanikant G.K.; Wilson C.M.; Al-Yozbaki M.; Renu K.; Dewanjee S.; Sanyal R.; Dey A.; Mukherjee A.G.; Wanjari U.R.; Gopalakrishnan A.V.; George A.	Non-small cell lung carcinoma (NSCLC): Implications on molecular pathology and advances in early diagnostics and therapeutics	2023	Genes and Diseases	14	10.1016/j.gendis.2022.07.023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137678771&doi=10.1016%2fj.gendis.2022.07.023&partnerID=40&md5=8a6c8370413735d5e0a74d3734482287	Scopus
Kothari R.; Husain Z.; Dutta M.	Understanding the Geography of Victimization: A Spatial Analysis of Intimate Partner Violence in India	2023	Journal of Interpersonal Violence	0	10.1177/08862605221120898	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138352796&doi=10.1177%2f08862605221120898&partnerID=40&md5=c93cde4b4707f7f11244c92f6dfa2dbc	Scopus
Sikdar S.; Sikdar M.	The factors affecting optimisation of phytosynthesis of silver nanoparticles using Indian medicinal plant species and their biological applications: A review	2023	Biomedicine (India)	1	10.51248/.v43i01.2124	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153737969&doi=10.51248%2f.v43i01.2124&partnerID=40&md5=9edace5f2e0d8024d07ff306e9da2804	Scopus
Praveen S.V.; Bhanj P.U.; Jha P.; Chandran D.; Singh P.; Chakraborty S.; Dey A.; Dhama K.	iNCOVACC COVID-19 vaccine: A Twitter based Social Media Analysis Using Natural Language Processing, Sentiment Analysis, and Topic Modelling	2023	Journal of Experimental Biology and Agricultural Sciences	0	10.18006/2023.11(1).150.157	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150043265&doi=10.18006%2f2023.11%281%29.150.157&partnerID=40&md5=670c40b2c77c34c67fbd24954c37dc80	Scopus
Bhattacharya S.; Nalui S.	Complexity factor parameterization for traversable wormholes	2023	Journal of Mathematical Physics	3	10.1063/5.0148762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158876330&doi=10.1063%2f5.0148762&partnerID=40&md5=ef562de74812c4c5fb8d3e7f41e8925e	Scopus

Sengupta P.; Das D.; Bhattacharya S.; Sur R.; Bose A.; Sen K.	A pH-driven method for liposomal encapsulation of dietary flavonoid rutin: Sustained release and enhanced bioefficacy	2023	Food Bioscience	5	10.1016/j.fbio.2023.102392	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149791231&doi=10.1016%2fj.fbio.2023.102392&partnerID=40&md5=a97567bf6e02c5344d4cf9c1fe84f3ea	Scopus
Gupta S.; Biswas M.	Seismo-tectonic and morphological study of the north-east Himalaya	2023	Geosciences Journal	0	10.1007/s12303-022-0016-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136899649&doi=10.1007%2fs12303-022-0016-z&partnerID=40&md5=39a6a6ba15263cee8fff7fdab6229933	Scopus
Sanyal R.; M M.; Pandey S.; Nandi S.; Biswas P.; Dewanjee S.; Gopalakrishnan A.V.; Jha N.K.; Jha S.K.; Joshee N.; Pandey D.K.; Dey A.; Shekhawat M.S.	Biotechnological interventions and production of galanthamine in Crinum spp.	2023	Applied Microbiology and Biotechnology	1	10.1007/s00253-023-12444-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150221741&doi=10.1007%2fs00253-023-12444-0&partnerID=40&md5=3901172c044a68ffe949e448cac6cd31	Scopus
Mukherjee A.; Bhattacharya S.; Trivedi T.; Tiwari S.; Singh R.P.; Muralithar S.; Yashraj; Katre K.; Kumar R.; Palit R.; Chakraborty S.; Jehangir S.; Nazir N.; Rouoof S.P.; Bhat G.H.; Sheikh J.A.; Rather N.; Raut R.; Ghugre S.S.; Ali S.; Rajbanshi S.; Nag S.; Tiwary S.S.; Sharma A.; Kumar S.; Yadav S.; Jain A.K.	Evidence of transverse wobbling motion in Eu 151	2023	Physical Review C	4	10.1103/PhysRevC.107.054310	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161319761&doi=10.1103%2fPhysRevC.107.054310&partnerID=40&md5=38bd2195861c76c12281b65eca28a76c	Scopus

Bandopadhyay S.; Mandal S.; Ghorai M.; Jha N.K.; Kumar M.; Radha; Ghosh A.; Proćków J.; Pérez de la Lastra J.M.; Dey A.	Therapeutic properties and pharmacological activities of asiaticoside and madecassoside: A review	2023	Journal of Cellular and Molecular Medicine	20	10.1111/jcmm.17635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147580949&doi=10.1111%2fjcmm.17635&partnerID=40&md5=e0db9b666af776e015c9d3488e22a53e	Scopus
Bhattacharyya N.; Anand U.; Kumar R.; Ghorai M.; Aftab T.; Jha N.K.; Rajapaksha A.U.; Bundschuh J.; Bontempi E.; Dey A.	Phytoremediation and sequestration of soil metals using the CRISPR/Cas9 technology to modify plants: a review	2023	Environmental Chemistry Letters	11	10.1007/s10311-022-01474-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137824215&doi=10.1007%2fs10311-022-01474-1&partnerID=40&md5=97433dcea545b63e2b647bdacccb48e1	Scopus
Kumar M.; Zhang B.; Potkule J.; Sharma K.; Radha; Hano C.; Sheri V.; Chandran D.; Dhumal S.; Dey A.; Rais N.; Senapathy M.; Natta S.; Viswanathan S.; Mohankumar P.; Lorenzo J.M.	Cottonseed Oil: Extraction, Characterization, Health Benefits, Safety Profile, and Application	2023	Food Analytical Methods	6	10.1007/s12161-022-02410-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139478597&doi=10.1007%2fs12161-022-02410-3&partnerID=40&md5=d58720ec113ee7f9a543071fb3474db6	Scopus
Biswas S.; Ahmad B.; Khajanchi S.	Exploring dynamical complexity of a cannibalistic eco-epidemiological model with multiple time delay	2023	Mathematical Methods in the Applied Sciences	8	10.1002/mma.8749	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138693959&doi=10.1002%2fmma.8749&partnerID=40&md5=77c7e9efa593c1be7d2871769621 0077	Scopus
Kannampuzha S.; Mukherjee A.G.; Wanjari U.R.; Gopalakrishnan A.V.; Murali R.; Namachivayam A.; Renu K.; Dey A.; Vellingiri B.; Madhyastha H.; Ganesan R.	A Systematic Role of Metabolomics, Metabolic Pathways, and Chemical Metabolism in Lung Cancer	2023	Vaccines	7	10.3390/vaccines11020381	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149207675&doi=10.3390%2fvaccines11020381&partnerID=40&md5=7cf2e3196189624151342a147b7f7d7d	Scopus

Bhattacharya S.	Mimicking the ΛCDM universe through inhomogeneous space–time	2023	Annals of Physics	0	10.1016/j.aop.2023.169238	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147230252&doi=10.1016%2fj.aop.2023.169238&partnerID=40&md5=fe6cab3f26e89b13d23f65ecf7d574f9	Scopus
Saied A.A.; Chandran D.; Chopra H.; Dey A.; Emran T.B.; Dhama K.	Cultivated meat could aid in reducing global antimicrobial resistance burden - producing meat without antibiotics as a safer food system for the future	2023	International journal of surgery (London, England)	3	10.1097/JS9.0000000000000199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148332929&doi=10.1097%2fJS9.0000000000000199&partnerID=40&md5=f235edaf06efec67ba9ea4cf6ca1055d	Scopus
Mistry P.; Pathak K.; Lekkas G.; Prasad A.; Bhattarai S.; Maity M.; Beichman C.A.; Ciardi D.R.; Evans P.; Bieryla A.; Eastman J.D.; Esquerdo G.A.; Lucero J.P.	VaTEST I: validation of sub-Saturn exoplanet TOI-181b in narrow orbit from its host star	2023	Monthly Notices of the Royal Astronomical Society	2	10.1093/mnras/stad543	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161544973&doi=10.1093%2fmnras%2fstad543&partnerID=40&md5=46e801270b4b2384b51d9806810a4d14	Scopus
Bhattacharjee R.; Negi A.; Bhattacharya B.; Dey T.; Mitra P.; Preetam S.; Kumar L.; Kar S.; Das S.S.; Iqbal D.; Kamal M.; Alghofaili F.; Malik S.; Dey A.; Jha S.K.; Ojha S.; Paiva-Santos A.C.; Kesari K.K.; Jha N.K.	Nanotheranostics to target antibiotic-resistant bacteria: Strategies and applications	2023	OpenNano	10	10.1016/j.onano.2023.100138	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151275863&doi=10.1016%2fj.onano.2023.100138&partnerID=40&md5=db7d2ecae39507571afe9f2f7ad5f5f7	Scopus
Boral A.; Mitra D.	Heterogeneity in winged helix-turn-helix and substrate DNA interactions: Insights from theory and experiments	2023	Journal of Cellular Biochemistry	1	10.1002/jcb.30369	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147264138&doi=10.1002%2fjcb.30369&partnerID=40&md5=ed3b8397955d35c7e887a6a6e3674c86	Scopus

Zhang W.; Li Y.; Marchesoni F.; Misko V.R.; Ghosh P.K.	Narrow Pore Crossing of Active Particles under Stochastic Resetting	2023	Entropy	4	10.3390/e25020271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148940663&doi=10.3390%2fe25020271&partnerID=40&md5=f642e206120a43a7ccc0575cb89ed7e1	Scopus
Giri G.; Barway S.; Raychaudhury S.	Remnants of recent mergers in nearby early-type galaxies and their classification	2023	Monthly Notices of the Royal Astronomical Society	5	10.1093/mnras/stad474	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159154549&doi=10.1093%2fmnras%2fstad474&partnerID=40&md5=feb717f91f68dca2ac490d3408b76183	Scopus
Barua A.; Dey S.K.; Dey S.; Kumar S.	Influences of crystal structure, microstructure and adsorbed CO2 on dielectric properties of Ba2YbSbO6-BaCO3 formed by mechanical activation of Ba2YbSbO6	2023	Physica B: Condensed Matter	1	10.1016/j.physb.2022.414449	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142177342&doi=10.1016%2fj.physb.2022.414449&partnerID=40&md5=36087b1c87a94dbc31225f145addaf6d	Scopus
Das P.; Das S.; Manna S.; Gupta P.; Poddar Sarkar M.	Semiochemicals from Urine and Hair of Clouded Leopard (Neofelis nebulosa Griffith, 1821)	2023	Proceedings of the Zoological Society	0	10.1007/s12595-022-00462-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143624616&doi=10.1007%2fs12595-022-00462-1&partnerID=40&md5=fe35cd3cbf44cc7faf548db4e6d4c87c	Scopus
Paul M.; Chakraborty S.; Islam S.; Ain R.	Trans-differentiation of trophoblast stem cells: implications in placental biology	2023	Life science alliance	2	10.26508/lsa.202201583	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144744809&doi=10.26508%2flsa.202201583&partnerID=40&md5=71c7d39850ffef43d92b9ecb3c08044d	Scopus
Chatterjee S.; Das S.K.; Behera P.K.; Ghosh D.; Chakraborty A.; Patel P.P.; Ikehara M.	Short-chain n-alkanes in benthic mats and mosses from the Larsemann Hills, East Antarctica	2023	Organic Geochemistry	0	10.1016/j.orggeochem.2023.104587	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151753056&doi=10.1016%2fj.orggeochem.2023.104587&partnerID=40&md5=9be3327b767868f534cc8ee45ddc3581	Scopus

Kumar Mondal A.; Bose S.; Amal Dev J.; Tomson J.K.; Sorcar N.; Mukherjee S.	Petrological, geochemical and geochronological evolution of massif type charnockite from the Eastern Ghats Province, India: Implications on the regional tectonics of the Rayner-Eastern Ghats orogeny	2023	Precambrian Research	3	10.1016/j.precamres.2023.106994	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147876474&doi=10.1016%2fj.precamres.2023.106994&partnerID=40&md5=d5a746f8737a857ad68e73bfc1caeeb7	Scopus
Misra D.; Dutta W.; Jha G.; Ray P.	Interactions and Regulatory Functions of Phenolics in Soil-Plant-Climate Nexus	2023	Agronomy	14	10.3390/agronomy13020280	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149116383&doi=10.3390%2fagronomy13020280&partnerID=40&md5=d867fd0776f26239734d1fb23c08b844	Scopus
Ghosh N.; Chacko L.; Bhattacharya H.; Vallamkondu J.; Nag S.; Dey A.; Karmakar T.; Reddy P.H.; Kandimalla R.; Dewanjee S.	Exploring the Complex Relationship between Diabetes and Cardiovascular Complications: Understanding Diabetic Cardiomyopathy and Promising Therapies	2023	Biomedicines	8	10.3390/biomedicines11041126	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153718479&doi=10.3390%2fbiomedicines11041126&partnerID=40&md5=a53edce835064a9d1338f525de8e39e5	Scopus
Saibhavana S.; Vasukhi S.M.; Ramesh S.; Rajakumari R.; Abhijith A.S.; Adithya Krishna S.; Prakash G.; Raida; Nair A.V.; Prashanth A.; Pran M.; Chakraborty S.; Chopra H.; Dey A.; Sharma A.K.; Dhama K.; Chandran D.	Prospective nutritional, therapeutic, and dietary benefits of camel milk making it a viable option for human consumption: Current state of scientific knowledge	2023	Journal of Experimental Biology and Agricultural Sciences	0	10.18006/2023.11(2).236.250	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160646883&doi=10.18006%2f2023.11%282%29.236.250&partnerID=40&md5=f989a08ffe9626c8813692b89db5421d	Scopus
Das T.; Anand U.; Pal T.; Mandal S.; Kumar M.; Radha; Gopalakrishnan A.V.; Lastra J.M.P.D.L.; Dey A.	Exploring the potential of CRISPR/Cas genome editing for vegetable crop improvement: An overview of challenges and approaches	2023	Biotechnology and Bioengineering	7	10.1002/bit.28344	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148651728&doi=10.1002%2fbit.28344&partnerID=40&md5=f9bcf94e9775d129b7ae31233cf9145a	Scopus

Sehrawat N.; Sharma U.; Yadav M.; Sharma V.; Dey A.; Emran T.B.; Sharma A.K.; Dhama K.	Dietary patterns and fertility status in men: Mediterranean diet does make a difference in ameliorating the rise in male infertility problems due to changing lifestyle	2023	International journal of surgery (London, England)	2	10.1097/JS9.0000000000000158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153804212&doi=10.1097%2fJS9.0000000000000158&partnerID=40&md5=e990b1fc337120d450842abffa91fbfd	Scopus
Sarkar A.; Dutta S.; Sur M.; Chakraborty S.; Dey P.; Mukherjee P.	Early loss of endogenous NAD+ following rotenone treatment leads to mitochondrial dysfunction and Sarm1 induction that is ameliorated by PARP inhibition	2023	FEBS Journal	2	10.1111/febs.16652	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140366432&doi=10.1111%2ffebs.16652&partnerID=40&md5=93506b4dc0c491810a7bb13beaf3c8ab	Scopus
Bhanja R.; Roychowdhury K.	A spatial analysis of techno-economic feasibility of solar cities of India using Electricity System Sustainability Index	2023	Applied Geography	4	10.1016/j.apgeog.2023.102893	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150347152&doi=10.1016%2fj.apgeog.2023.102893&partnerID=40&md5=eaa6d9a9d66f8ecfc91265901557c445	Scopus
Chakraborty S.; Novotný J.; Das J.; Patel P.P.; Maity I.; Roy U.	Spatial Environment and Open Defecation: In Pursuit of Social Valuation of Sanitation Ecosystem Services	2023	Professional Geographer	1	10.1080/00330124.2023.2287167	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183639272&doi=10.1080%2f00330124.2023.2287167&partnerID=40&md5=b001a8a1f48b2962cf4eb52b2286daa4	Scopus
Halder T.; Patel P.P.	An appraisal of housing quality of living in Durgapur: A spatial approach	2023	Transactions of the Institute of Indian Geographers	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182377255&partnerID=40&md5=994fa8519e2ee7c911400ea356b7e493	Scopus
Ghosh P.K.; Zhou Y.; Li Y.; Marchesoni F.; Nori F.	Binary Mixtures in Linear Convection Arrays	2023	ChemPhysChem	2	10.1002/cphc.202200471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140354844&doi=10.1002%2fcphc.202200471&partnerID=40&md5=bd6fa4024bb831849e7e8967639cd970	Scopus

Naskar P.; Debnath S.; Maiti A.; Biswas B.; Banerjee A.	Low-Cost and Scalable Ni-Prussian Blue Analogue//Functionalized Carbon Based Na-Ion Systems for all Climate Operations	2023	ChemPhysChem	3	10.1002/cphc.202200588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142352003&doi=10.1002%2fcphc.202200588&partnerID=40&md5=dbcfd34c160840ce08b0fd0ebcaabe01	Scopus
Nongdam P.; Beleski D.G.; Tikendra L.; Dey A.; Varte V.; EL Merzougui S.; Pereira V.M.; Barros P.R.; Vendrame W.A.	Orchid Micropropagation Using Conventional Semi-Solid and Temporary Immersion Systems: A Review	2023	Plants	3	10.3390/plants12051136	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149974812&doi=10.3390%2fplants12051136&partnerID=40&md5=8b844c9b636e0b2a31842951be639ce2	Scopus
Rajbanshi J.; Das S.; Paul R.	Quantification of the effects of conservation practices on surface runoff and soil erosion in croplands and their trade-off: A meta-analysis	2023	Science of the Total Environment	10	10.1016/j.scitotenv.2022.161015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145020640&doi=10.1016%2fj.scitotenv.2022.161015&partnerID=40&md5=f925c9bec26356b28ef13892a89fd44c	Scopus
Rajak A.; Suzuki S.; Dutta A.; Chakrabarti B.K.	Quantum annealing: An overview	2023	Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences	24	10.1098/rsta.2021.0417	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143334823&doi=10.1098%2frsta.2021.0417&partnerID=40&md5=bab27946b107507f2fc282770cbc97a4	Scopus
Rajan A.; Devika V.M.; Shabana A.; Krishnan N.; Anil K.N.; Krishnan R.; Baby S.Y.; Dev B.S.; Adinan J.; Meenakshy S.; Amrithendhu V.R.; Chakraborty S.; Chopra H.; Dey A.; Sharma A.K.; Dhama K.; Chandran D.	Positive impacts of integrating flaxseed meal as a potential feed supplement in livestock and poultry production: Present scientific understanding	2023	Journal of Experimental Biology and Agricultural Sciences	2	10.18006/2023.11(2).264.279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160677876&doi=10.18006%2f2023.11%282%29.264.279&partnerID=40&md5=da0b17af55c6e57eb0b51a59a9465cf6	Scopus

Kumar M.; Hasan M.; Sharma A.; Suhag R.; Maheshwari C.; Radha; Chandran D.; Sharma K.; Dhumal S.; Senapathy M.; Natarajan K.; Punniyamoorthy S.; Mohankumar P.; Dey A.; Deshmukh V.; Anitha T.; Balamurugan V.; Pandiselvam R.; Lorenzo J.M.; Kennedy J.F.	Tinospora cordifolia (Willd.) Hook.f. & Thomson polysaccharides: A review on extraction, characterization, and bioactivities	2023	International Journal of Biological Macromolecules	4	10.1016/j.ijbiomac.2022.12.181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145825564&doi=10.1016%2fj.ijbiomac.2022.12.181&partnerID=40&md5=27d178c024a7ce92f0e59be89b2a1341	Scopus
Mukherjee A.G.; Wanjari U.R.; Kannampuzha S.; Murali R.; Namachivayam A.; Ganesan R.; Dey A.; Babu A.; Renu K.; Vellingiri B.; Ramanathan G.; George Priya Doss C.; Elsherbiny N.; Elsherbini A.M.; Alsamman A.M.; Zayed H.; Gopalakrishnan A.V.	The Implication of Mechanistic Approaches and the Role of the Microbiome in Polycystic Ovary Syndrome (PCOS): A Review	2023	Metabolites	8	10.3390/metabo13010129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146838178&doi=10.3390%2fmetabo13010129&partnerID=40&md5=3d6d07947f560e44c5f26f0e82d2d379	Scopus
Poornima G.; Sakkari D.S.; Pallavi R.; Sudha Y.; Sukruth Gowda M.	Intrusion Detection System Using Artificial Intelligence	2023	Artificial Intelligence for Intrusion Detection Systems	0	10.1201/9781003346340-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173385935&doi=10.1201%2f9781003346340-1&partnerID=40&md5=1cbe1d359dfee748f578a5953b485346	Scopus

Tawaha A.R.A.; Abukhader R.; Qaisi A.; Dey A.; Pati S.; Al-Tawaha A.R.; Ali I.; Shatnawi M.	Phytochemicals in prostate cancer	2023	Recent Frontiers of Phytochemicals: Applications in Food, Pharmacy, Cosmetics, and Biotechnology	0	10.1016/B978-0-443-19143-5.00022-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160693744&doi=10.1016%2fB978-0-443-19143-5.00022-0&partnerID=40&md5=e5fe1fddf5f7387db3155b88e0441ede	Scopus
Banerji S.; Chakraborty N.; Mitra D.	Water woes and vulnerabilities: a case study of Bally-Jagachha block of Howrah District in West Bengal, India	2023	Local Environment	0	10.1080/13549839.2023.2248609	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168918917&doi=10.1080%2f13549839.2023.2248609&partnerID=40&md5=2a874db9680917a7fe8b33ebf653317e	Scopus
Hossain A.; Akhtar M.N.; Navascués M.A.	Fractal interpolation on the real projective plane	2023	Numerical Algorithms	0	10.1007/s11075-023-01657-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173759950&doi=10.1007%2fs11075-023-01657-z&partnerID=40&md5=f51725cfc3c2fb2eac55d8fbf3e37b95	Scopus
Mitra S.; Ghorai M.; Ghosh A.; Anand U.; Jha N.K.; Shekhawat M.S.; Pandey D.K.; Dey S.; Hoda M.; Nongdam P.; Swamy M.K.; Dey A.	Improvements in Taxol Biosynthesis by Metabolic Engineering: Recent Trends	2023	Phytochemical Genomics: Plant Metabolomics and Medicinal Plant Genomics	0	10.1007/978-981-19-5779-6_28	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151193239&doi=10.1007%2f978-981-19-5779-6_28&partnerID=40&md5=bad6c275c5e2b1dafea83308958ab10d	Scopus
Lal P.; Tiwari R.K.; Behera B.; Yadav M.R.; Sharma E.; Altaf M.A.; Jena R.; Ahmad A.; Dey A.; Kumar A.; Singh B.; Lal M.K.; Kumar R.	Exploring potato seed research: a bibliometric approach towards sustainable food security	2023	Frontiers in Sustainable Food Systems	0	10.3389/fsufs.2023.1229272	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171448608&doi=10.3389%2ffsufs.2023.1229272&partnerID=40&md5=e7053f975fe73b7a09b8b9250702c9c4	Scopus

Das R.	An optimal sequential design in ethical allocation with an adaptive interim analysis	2023	Journal of Nonparametric Statistics	0	10.1080/10485252.2023.2223322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161868098&doi=10.1080%2f10485252.2023.2223322&partnerID=40&md5=b5445a38a12faa9cf04958e87e3a4ba6	Scopus
Chaudhuri D.; Datta J.; Majumder S.; Giri K.	Repurposing of drug molecules from FDA database against Hepatitis C virus E2 protein using ensemble docking approach	2023	Molecular Diversity	0	10.1007/s11030-023-10646-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152573107&doi=10.1007%2fs11030-023-10646-2&partnerID=40&md5=04d69bb04417c6b55a7b622f9345d825	Scopus
Roy B.; Dutta S.; Mukherjee C.	Editorial: Role of non-coding RNAs in development and metastasis of solid tumours	2023	Frontiers in Cell and Developmental Biology	0	10.3389/fcell.2023.1281200	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173768677&doi=10.3389%2ffcell.2023.1281200&partnerID=40&md5=e40e794b814f5bf5f156f6063d2a5ba8	Scopus
Kumar S.; Mondal S.K.; Sarkar S.; Isobe T.; Baksi A.; Adhikari A.	Restricted near collision attack on Plantlet	2023	Journal of Cryptographic Engineering	0	10.1007/s13389-023-00336-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173978533&doi=10.1007%2fs13389-023-00336-y&partnerID=40&md5=d2e1bdc42729bb1f76fb4c075f616abd	Scopus
Nath S.; Agarwal P.	Editorial: Genetic regulation of mitosis and ploidy in cancer	2023	Frontiers in Genetics	0	10.3389/fgene.2023.1264772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170664058&doi=10.3389%2ffgene.2023.1264772&partnerID=40&md5=7652334cb10c16240775138625d580c9	Scopus

Ranjan S.; Prakash A.; Singh R.B.; Tiwari P.; Bhattacharya S.; Nongdam P.; Al-Tawaha A.R.; Lal M.K.; Tiwari R.K.; Mandal S.; Dey A.	Effects of Drought Stress on Agricultural Plants, and Molecular Strategies for Drought Tolerant Crop Development	2023	Environmental Science and Engineering	0	10.1007/978-3-031-43729-8_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176246946&doi=10.1007%2f978-3-031-43729-8_10&partnerID=40&md5=aac267aad8e5704b67b53af87cd805a9	Scopus
Saha M.; Biswas S.; Das A.	On perfectness of annihilating-ideal graph of $\mathbb{Z}n$	2023	Communications in Combinatorics and Optimization	0	10.22049/CCO.2021.27382.1252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148960440&doi=10.22049%2fCCO.2021.27382.1252&partnerID=40&md5=93e00f9db8a7b43ba6aa900e6bf90e71	Scopus
Mitra S.; Ghorai M.; Kumar V.; Mandal S.; Jha N.K.; Hoda M.; Dey S.; Anand U.; Ghosh A.; Nongdam P.; Shekhawat M.S.; Pandey D.K.; Swamy M.K.; Dey A.	Deciphering the Potential of RNAi Technology as Modulator of Plant Secondary Metabolites with Biomedical Significance	2023	Phytochemical Genomics: Plant Metabolomics and Medicinal Plant Genomics	0	10.1007/978-981-19-5779-6_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151181000&doi=10.1007%2f978-981-19-5779-6_24&partnerID=40&md5=a21041f053887dafa7f388e05ac56fd0	Scopus
Kumari A.; Kumari A.; Sharma H.; Sharma P.; Bhattacharya S.; Mishra T.; Al-Tawaha A.R.; Lal M.K.; Tiwari R.K.; Mandal S.; Dey A.	Modern Approaches in Studying the Role of Plant-Microbial Interactions: A Way Towards the Development of Sustainable Agriculture	2023	Environmental Science and Engineering	0	10.1007/978-3-031-43729-8_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176262652&doi=10.1007%2f978-3-031-43729-8_4&partnerID=40&md5=49ec3851155edcfc79b01e6290e71ad0	Scopus
Mandal M.; Das P.	Holocaust Versus Popular Culture: A Critical Introduction	2023	Holocaust vs. Popular Culture: Interrogating Incompatibility and Universalization	0	10.4324/9781003251224-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169376926&doi=10.4324%2f9781003251224-1&partnerID=40&md5=b8da875560de4fa04357724f29449200	Scopus

Mondal S.	Dying with shame: a qualitative study of stigma experienced by terminal stage male breast cancer patients and family members in India	2023	Mortality	0	10.1080/13576275.2023.2215704	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161823458&doi=10.1080%2f13576275.2023.2215704&partnerID=40&md5=b4d080135c62d06e5353b7c96ced873c	Scopus
Pal T.; Anand U.; Sikdar Mitra S.; Biswas P.; Tripathi V.; Proćków J.; Dey A.; Pérez de la Lastra J.M.	Harnessing and bioprospecting botanical-based herbal medicines against potential drug targets for COVID-19: a review coupled molecular docking studies	2023	Journal of Biomolecular Structure and Dynamics	1	10.1080/07391102.2023.2187634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153777533&doi=10.1080%2f07391102.2023.2187634&partnerID=40&md5=d3f17f1cca3c557786839d0bbe6e28b3	Scopus
Mukherjee A.G.; Wanjari U.R.; Gopalakrishnan A.V.; Kannampuzha S.; Murali R.; Namachivayam A.; Ganesan R.; Renu K.; Dey A.; Vellingiri B.; Prabakaran D.S.	Exploring the Molecular Pathogenesis, Pathogen Association, and Therapeutic Strategies against HPV Infection	2023	Pathogens	1	10.3390/pathogens12010025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146802793&doi=10.3390%2fpathogens12010025&partnerID=40&md5=31f4551171ad5dd7b902521c42d7d2c2	Scopus
Puniya M.K.; Kaushik A.K.; Mukherjee S.; Dasgupta S.; Kar N.R.; Biswas M.; Choudhary R.	New Structural Geological Input from the Barmer Basin, Rajasthan (India)	2023	Springer Geology	0	10.1007/978-3-031-19576-1_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146579422&doi=10.1007%2f978-3-031-19576-1_9&partnerID=40&md5=d7b0c0860785e6098f7fdc650fb75fe2	Scopus
Adhikari S.	Unwittification of the Collective Subject: Analogizing Bird Box, “Khudito Pashan,” and Contemporary COVID-19-afflicted Society	2023	Globalization and Sense-Making Practices: Phenomenologies of the Global, Local and Glocal	0	10.4324/9781003434481-20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166542098&doi=10.4324%2f9781003434481-20&partnerID=40&md5=f41e2a3b9a7959a1655317c5ca596711	Scopus

Kumari N.; Dukare A.; Prakash S.; Sharma N.; Radha; Chandran D.; Dey A.; Lorenzo J.M.; Dhumal S.; Kumar M.	Green Extraction and Modification of Proteins From Traditional and Novel Sources	2023	Sustainable Food Science - A Comprehensive Approach: Volumes 1-4	0	10.1016/B978-0-12-823960-5.00088-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173402474&doi=10.1016%2fB978-0-12-823960-5.00088-3&partnerID=40&md5=a2f80e30a076f232e9a374bd3c62f02c	Scopus
Sarkar R.K.; Ghosh N.; Sircar G.; Saha S.	Updates on Databases of Allergens and Allergen-Epitopes	2023	Methods in Molecular Biology	0	10.1007/978-1-0716-3239-0_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160777004&doi=10.1007%2f978-1-0716-3239-0_10&partnerID=40&md5=26eaa3e772c279bae5bb1aebe73af574	Scopus
Paul S.; Majhi A.	Chemical approaches to stem cell and signaling pathways for therapeutics	2023	Cancer Stem Cells and Signaling Pathways	0	10.1016/B978-0-443-13212-4.00030-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179196702&doi=10.1016%2fB978-0-443-13212-4.00030-1&partnerID=40&md5=16700ef1f249038b6d920462d33821ad	Scopus
Majhi A.; Venkateswarlu K.; Sasikumar P.	Coumarin Based Fluorescent Probe for Detecting Heavy Metal Ions	2023	Journal of Fluorescence	4	10.1007/s10895-023-03372-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168125419&doi=10.1007%2fs10895-023-03372-3&partnerID=40&md5=e869025e28f83b6bd8a17e11c59f1b3e	Scopus
Chaudhuri D.; Majumder S.; Datta J.; Giri K.	Exploring the chemical space for potential inhibitors against cell surface binding protein of Mpox virus using molecular fingerprint based screening approach	2023	Journal of Biomolecular Structure and Dynamics	0	10.1080/07391102.2023.2238087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165693984&doi=10.1080%2f07391102.2023.2238087&partnerID=40&md5=2de4928d16e0381795a8a70c8ce32d1d	Scopus

Mandal S.; Das T.; Paul A.; Biswas P.; Al-Tawaha A.R.; Dey A.	Ethnobotany, Phytochemistry, and Pharmacology of the Indian Banyan (Ficus benghalensis L.); Specifc Focus on Antidiabetic Properties	2023	Antidiabetic Medicinal Plants and Herbal Treatments	0	10.1201/b23347-28	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164877931&doi=10.1201%2fb23347-28&partnerID=40&md5=e6764d0cb74940eebc441e6775be5954	Scopus
Saha A.; Ghosh A.	Canonical WNT signaling pathway in cancer stem cells and potential inhibitors of therapeutic importance	2023	Cancer Stem Cells and Signaling Pathways	0	10.1016/B978-0-443-13212-4.00023-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179285978&doi=10.1016%2fB978-0-443-13212-4.00023-4&partnerID=40&md5=f631b92569de2c99f8f4859b3d9d45f6	Scopus
Bannerj P.; Bhanja R.	Climate Change and Agriculture: Understanding Short-Term Impact of Climate Change in Selected Crop Production in West Bengal	2023	Climate Change, Agriculture and Society: Approaches Toward Sustainability	0	10.1007/978-3-031-28251-5_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172143815&doi=10.1007%2f978-3-031-28251-5_7&partnerID=40&md5=a7275a54ea1d2bb666aa6870a41d7a63	Scopus
Biswas P.; Ghorai M.; Nandy S.; Nongdam P.; Pandey D.K.; Dwivedi P.; Shekhawat M.S.; Dey A.	Application of CRISPR/Cas system in optimizing nutrients and anti-nutrients content in fruits	2023	Vegetos	1	10.1007/s42535-023-00652-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164164770&doi=10.1007%2fs42535-023-00652-y&partnerID=40&md5=b6810a0035a0e33110b1f6d0cb9cb4da	Scopus
Biswas P.; Mandal S.; Das T.; Dey S.; Ghorai M.; Bhattacharya S.; Ghosh A.; Nongdam P.; Kumar V.; Al-Tawaha A.R.; Bursal E.; Dey A.	Generation of biofuels from rice straw and its future perspectives	2023	Green Approach to Alternative Fuel for a Sustainable Future	0	10.1016/B978-0-12-824318-3.00014-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162719428&doi=10.1016%2fB978-0-12-824318-3.00014-X&partnerID=40&md5=8a98255dd57b4b1f7cd80bcbef7c4ceb	Scopus

Hasan I.; Das T.; Ghorai M.; Al-Tawaha A.R.; Bursal E.; Swamy M.K.; Nongdam P.; Shekhawat M.S.; Pandey D.K.; Dey A.	Sheep Polypore (Polyporus confluens)	2023	Mushrooms: Nutraceuticals and Functional Foods	0	10.1201/9781003322238-19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151615488&doi=10.1201%2f9781003322238-19&partnerID=40&md5=dd9e98478dde3b31dd871e0dab11731d	Scopus
Pakhira M.; Karmakar A.; Chatterjee D.P.; Nandi A.K.	Synthesis of carbohydrate based polythiophene graft poly(N,N-dimethylaminoethyl methacrylate)-co-poly(GLU-HEM) copolymer for lectin sensing	2023	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	0	10.1080/10601325.2023.2249032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168454593&doi=10.1080%2f10601325.2023.2249032&partnerID=40&md5=aa834d8083097beee7a9901bd80b8d0e	Scopus
Mitra S.; Jha N.K.; Pandey D.K.; Lal M.K.; Mandal S.; Shekhawat M.S.; Ghorai M.; Nongdam P.; Dey S.; Kumar P.; Kamle M.; Gupta S.K.	Regulatory Role(s) of Plant Small Non-Coding RNAs in Relation to Trait Improvement in Crops	2023	Non-Coding RNAs: Molecular Tools for Crop Improvement	0	10.1201/9781003369288-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180888671&doi=10.1201%2f9781003369288-2&partnerID=40&md5=ec9198861f7c5a467ce75c10aa97de99	Scopus
Silver S.D.; van den Driessche P.; Khajanchi S.	A dynamic multistate and control model of the COVID-19 pandemic	2023	Journal of Public Health (Germany)	2	10.1007/s10389-023-02014-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165910185&doi=10.1007%2fs10389-023-02014-z&partnerID=40&md5=736a29c3255f4d13438b80226bc6abd2	Scopus
Tawaha A.R.A.; Abukhader R.; Qaisi A.; Dey A.; Al-Tawaha A.R.; Ali I.	Bioactivity of essential oils and its medicinal applications	2023	Recent Frontiers of Phytochemicals: Applications in Food, Pharmacy, Cosmetics, and Biotechnology	2	10.1016/B978-0-443-19143-5.00029-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160787974&doi=10.1016%2fB978-0-443-19143-5.00029-3&partnerID=40&md5=e868ba4150cf29fc42adf6f2d761512c	Scopus

Das T.; Sau S.; Nandy S.; Ghorai M.; Mandal S.; Al-Tawaha A.R.; Bursal E.; Jain V.; Pandey D.K.; Swamy M.K.; Shekhawat M.S.; Malik T.; Ghosh A.; Bhattacharjee R.; Dey A.	Phytochemicals and Medicinal Importance of Nelumbo nucifera	2023	Aquatic Medicinal Plants	0	10.1201/9781003256830-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169343148&doi=10.1201%2f9781003256830-1&partnerID=40&md5=0d657e631212e53d7e388027606b7a4c	Scopus
Manokari M.; Badhepuri M.K.; Cokul Raj M.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Jogam P.; Shekhawat M.S.	Seismic stress-mediated improvements in morphometry, foliar anatomy and biochemistry of in vitro grown plants of Gardenia jasminoides J. Ellis	2023	Journal of Horticultural Science and Biotechnology	2	10.1080/14620316.2023.2179548	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149338662&doi=10.1080%2f14620316.2023.2179548&partnerID=40&md5=d5292343eb581db28664cfcf7f6b322c	Scopus
Mondal J.; Khajanchi S.; Nasim Akhtar M.	Mathematical Model for COVID-19 Pandemic with the Impact of Economic Development	2023	Fractal Signatures in the Dynamics of an Epidemiology: an Analysis of COVID-19 Transmission	1	10.1201/9781003316640-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180051539&doi=10.1201%2f9781003316640-8&partnerID=40&md5=fab329558ec99679fa33d79a33acce4a	Scopus
Hazra S.; Kalyan Dinda S.; Kumar Mondal N.; Hossain S.R.; Datta P.; Yasmin Mondal A.; Malakar P.; Manna D.	Giant cells: multiple cells unite to survive	2023	Frontiers in Cellular and Infection Microbiology	0	10.3389/fcimb.2023.1220589	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172997701&doi=10.3389%2ffcimb.2023.1220589&partnerID=40&md5=7970422b7f5eaa19c0bf77ae4baad373	Scopus
Saha S.	Sacred serpents and the discourse on conservation: Interrogating interspecies dynamics in rural Bardhaman	2023	Sociologia Ruralis	0	10.1111/soru.12466	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178890789&doi=10.1111%2fsoru.12466&partnerID=40&md5=230816b26f2785a624cd8fcf2c80136a	Scopus

Maji M.; Khajanchi S.	Roles of astrocytes and prions in Alzheimer's disease: insights from mathematical modeling	2023	Journal of Biological Physics	1	10.1007/s10867-023-09652-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180846549&doi=10.1007%2fs10867-023-09652-0&partnerID=40&md5=90036e6a18f611d8f267fc491e0d2adc	Scopus
Ray D.	MAGIC SEEDS AND THE LIVING DEAD: Investigating Transnational Ecocrimes in Rajat Chaudhuri's The Butterfly Effect	2023	The Routledge Handbook of Crime Fiction and Ecology	0	10.4324/9781003091912-39	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174118698&doi=10.4324%2f9781003091912-39&partnerID=40&md5=d7a3ccdbd8eddab37dac407b1a4e6398	Scopus
Amom T.; Tikendra L.; Potshangbam A.M.; Bidyananda N.; Devi R.S.; Dey A.; Sahoo M.R.; Vendrame W.A.; Jamir I.; Nongdam P.	Conservation strategies for endemic Dendrocalamus manipureanus: A study on genetic diversity and population structure based on molecular and phytochemical markers	2023	South African Journal of Botany	2	10.1016/j.sajb.2022.11.045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143486473&doi=10.1016%2fj.sajb.2022.11.045&partnerID=40&md5=74e1269b700d06d686be30c9c40d8eaf	Scopus
Bannerji P.; Bhanja R.	Climate change and geopolitical risks: cases of riverine communities of Teesta and Brahmaputra rivers of India	2023	Climate Change, Community Response and Resilience: Insight for Socio-Ecological Sustainability	0	10.1016/B978-0-443-18707-0.00006-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164873052&doi=10.1016%2fB978-0-443-18707-0.00006-0&partnerID=40&md5=9f34fab093b1c9eb9bcc7fa857bc3d05	Scopus
Chakraborty A.; Hussain A.; Sabnam N.	Uncovering the structural stability of Magnaporthe oryzae effectors: a secretome-wide in silico analysis	2023	Journal of Biomolecular Structure and Dynamics	0	10.1080/07391102.2023.2292795	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179915790&doi=10.1080%2f07391102.2023.2292795&partnerID=40&md5=f2c3e4b625da9af5849baca400059d13	Scopus

Chatterjee M.; Ghosh A.	Dysregulation of phospholipase C signaling pathway in breast and colorectal cancer: Association with progression and prognosis	2023	Phospholipases in Physiology and Pathology: Volumes 1-7	0	10.1016/B978-0-323-95696-3.00004-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176836634&doi=10.1016%2fB978-0-323-95696-3.00004-1&partnerID=40&md5=bee3149d214e4982ab92d193a4f1e613	Scopus
Al Mashud M.A.; Kumer A.; Mukerjee N.; Chandro A.; Maitra S.; Chakma U.; Dey A.; Akash S.; Alexiou A.; Khan A.A.; Alanazi A.M.; Ghosh A.; Chen K.-T.; Sharma R.	Mechanistic inhibition of Monkeypox and Marburg virus infection by O-rhamnosides and Kaempferol-o-rhamnosides derivatives: a new-fangled computational approach	2023	Frontiers in Cellular and Infection Microbiology	4	10.3389/fcimb.2023.1188763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161430726&doi=10.3389%2ffcimb.2023.1188763&partnerID=40&md5=1a965cf984d04d2cf82323ff04059da4	Scopus
Deepa P.R.; Divya Dharshini C.S.; Dev B.S.; Jayan J.; Harisankaran P.S.; Rajan N.S.; Karthik S.; Nandhana J.P.; Athulya K.G.; Pran M.; Chakraborty S.; Chopra H.; Dey A.; Sharma A.K.; Dhama K.; Chandran D.	Donkey milk: chemical make-up, biochemical features, nutritional worth, and possible human health benefits-Current state of scientific knowledge	2023	Journal of Experimental Biology and Agricultural Sciences	1	10.18006/2023.11(2).251.263	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160857586&doi=10.18006%2f2023.11%282%29.251.263&partnerID=40&md5=3f2c7e8d95eb6821ee9116b1bac2081f	Scopus
Ali M.H.; Mandal S.; Ghorai M.; Lal M.K.; Tiwari R.K.; Kumar M.; Radha; Ghosh A.; Al-Tawaha A.R.; Gopalakrishnan A.V.; Shekhawat M.S.; Pandey D.K.; Malik T.; Bursal E.; Dey A.	Perspectives of omics and plant microbiome	2023	Genomics, Transcriptomics, Proteomics and Metabolomics of Crop Plants	0	10.1016/B978-0-323-95989-6.00014-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169357938&doi=10.1016%2fB978-0-323-95989-6.00014-0&partnerID=40&md5=5b76bf005ac0345f603dabab7b55cd8f	Scopus

Dutta S.; Chakraborty S.; Das M.	Circadian Clock Genes and their Role in Bamboo Flowering	2023	Genetics, Genomics and Breeding of Bamboos	0	10.1201/9781003287605-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163518876&doi=10.1201%2f9781003287605-7&partnerID=40&md5=2370621693ce0758bb73a00a4044621e	Scopus
Mukherjee D.; Arshed T.	Limited War in India-Pakistan: Revisiting the 24 years of Kargil War	2023	Indian Journal of Law and Justice	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180217370&partnerID=40&md5=9bb82ee5c863d853252398f882cf58c9	Scopus
Haldar P.; Puniya M.K.; Biswas M.; Mukherjee S.; Kar N.R.; Choudhary R.	Architecture and Structures of Kiradu Temple (Barmer Region, Rajasthan, India)	2023	Springer Geology	0	10.1007/978-3-031-19576-1_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146612252&doi=10.1007%2f978-3-031-19576-1_14&partnerID=40&md5=a72da695539fcbd2c004c23b67fc0bc9	Scopus
Das A.	A Family of Iterated Maps on Natural Numbers	2023	Experimental Mathematics	0	10.1080/10586458.2023.2294184	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180166410&doi=10.1080%2f10586458.2023.2294184&partnerID=40&md5=cb6beb95f291fe4632c2e4604cb1e271	Scopus
Saha T.; Jyoti Pal P.	Relaxation oscillation and canard explosion in slow– fast predator–prey systems	2023	Advances in Mathematical and Computational Modeling of Engineering Systems	0	10.1201/9781003367420-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148251859&doi=10.1201%2f9781003367420-5&partnerID=40&md5=cf0d3282fe4ca9441ec5946e54f6ec67	Scopus

Jain V.; Ghorai M.; Biswas P.; Dey A.	Anticancer Properties of Pteridophytes and Derived Compounds: Pharmacological Perspectives and Medicinal Use	2023	Reference Series in Phytochemistry	0	10.1007/978-3-031-23243-5_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163591867&doi=10.1007%2f978-3-031-23243-5_12&partnerID=40&md5=2c49adcfd245c419270e362e70af547d	Scopus
Ghosh N.; Sircar G.; Saha S.	Computational Vaccine Design for Common Allergens	2023	Methods in Molecular Biology	0	10.1007/978-1-0716-3239-0_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160784160&doi=10.1007%2f978-1-0716-3239-0_33&partnerID=40&md5=cd34a66364700fc7b2874239d944d108	Scopus
Datta J.; Majumder S.; Chaudhuri D.; Giri K.	In silico investigation of binding propensity of hematoxylin derivative and damnacanthal for their potential inhibitory effect on HIV-1 Vpr from different subtypes	2023	Journal of Biomolecular Structure and Dynamics	0	10.1080/07391102.2023.2184634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149364867&doi=10.1080%2f07391102.2023.2184634&partnerID=40&md5=2985191b0635ad751f0e811902a2e82b	Scopus
Majhi A.; Paul S.; Sardar P.S.	Detection of Tumors Through Fluorescence Conjugated Dye in Animal Model	2023	Handbook of Animal Models and its Uses in Cancer Research	0	10.1007/978-981-19-3824-5_46	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160163708&doi=10.1007%2f978-981-19-3824-5_46&partnerID=40&md5=72120d626199729d848c40356107e924	Scopus
Das M.; Chen J.	Editorial: Recent advances in tree genetics and genomics: where we stand and where to go?	2023	Frontiers in Plant Science	0	10.3389/fpls.2023.1338728	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179655144&doi=10.3389%2ffpls.2023.1338728&partnerID=40&md5=1030726ad0945b7c6469bfe71195ccc5	Scopus

Shil A.; Mukherjee S.; Biswas P.; Majhi S.; Sikdar S.; Bishayi B.; Sikdar Née Bhakta M.	Catharanthus roseus (L.) G. Don counteracts the ampicillin resistance in multiple antibiotic-resistant Staphylococcus aureus by downregulation of PBP2a synthesis	2023	Open Life Sciences	0	10.1515/biol-2022-0718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173517650&doi=10.1515%2fbiol-2022-0718&partnerID=40&md5=beaa812e55e4db0beb1a049229384d37	Scopus
Das A.; Saha M.	On co-maximal subgroup graph of a group-II	2023	Ricerche di Matematica	0	10.1007/s11587-023-00836-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180192371&doi=10.1007%2fs11587-023-00836-3&partnerID=40&md5=26c3c3fc1bd28a7f0e889798581a761e	Scopus
Bardhan A.; Banerjee A.; Pal D.K.; Ghosh A.	HAGLR, A Long Non-coding RNA of Potential Tumor Suppressive Function in Clear Cell Renal Cell Carcinoma: Diagnostic and Prognostic Implications	2023	Molecular Biotechnology	0	10.1007/s12033-023-00948-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176596809&doi=10.1007%2fs12033-023-00948-z&partnerID=40&md5=3206a4f8cabb543f78f1dfd89f3df877	Scopus
Husain Z.; Datta S.S.; Ghosh S.; Dutta M.	Change in mental health during the COVID-19 pandemic: a longitudinal study of residents of Indian metropolitan cities	2023	Journal of Mental Health	2	10.1080/09638237.2023.2182417	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150519317&doi=10.1080%2f09638237.2023.2182417&partnerID=40&md5=6847f44a55027e9b5a58af5c3fc19cf2	Scopus
Mandal M.; Das P.	Holocaust vs. Popular Culture: Interrogating Incompatibility and Universalization	2023	Holocaust vs. Popular Culture: Interrogating Incompatibility and Universalization	0	10.4324/9781003251224	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169367591&doi=10.4324%2f9781003251224&partnerID=40&md5=0def5b0ccf2c1fc3f631d119369cf92d	Scopus

Das M.; Ma L.; Pal A.; Kole C.	Introduction	2023	Genetics, Genomics and Breeding of Bamboos	0	10.1201/9781003287605-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163491110&doi=10.1201%2f9781003287605-1&partnerID=40&md5=1884791e39d0e22ce28334889fb2349c	Scopus
Sanyal J.	Flood Inundation Modelling in Data-Sparse Flatlands: Challenges and Prospects	2023	Springer Geography	0	10.1007/978-3-031-21086-0_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153052911&doi=10.1007%2f978-3-031-21086-0_2&partnerID=40&md5=254f8c4119e868403be3851eef0fc590	Scopus
Biswas G.; Arshad M.; Saba N.U.; Arora T.; Ahmed S.	Hydrogeochemical investigation and groundwater quality assessment toward ‘smart city planning in a coastal aquifer, India	2023	Water Practice and Technology	2	10.2166/wpt.2022.168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147329295&doi=10.2166%2fwpt.2022.168&partnerID=40&md5=335b7415e8252c54aa8a25f73142bdd3	Scopus
Raha A.; Gupta S.; Biswas M.	Flood Risk Assessment of Himalayan Foothill Rivers: A Study of Jaldhaka River, India	2023	Springer Geography	1	10.1007/978-3-031-21086-0_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153083945&doi=10.1007%2f978-3-031-21086-0_4&partnerID=40&md5=3b92ca3016f0b2d3205d61dfa9c1ca20	Scopus
Dey S.; Biswas S.; Kundu A.; Pal A.; Das M.	Current Understanding on Major Bamboo Diseases, Pathogenicity, and Resistance Genes	2023	Genetics, Genomics and Breeding of Bamboos	2	10.1201/9781003287605-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163422045&doi=10.1201%2f9781003287605-9&partnerID=40&md5=0fc2f9d9b22a8e935790c64f176e0e66	Scopus

Puniya M.K.; Kaushik A.K.; Mukherjee S.; Kar N.R.; Biswas M.; Choudhary R.	Structural Geology and Stability Issue of the Giral Lignite Mine, Rajasthan, India	2023	Springer Geology	0	10.1007/978-3-031-19576-1_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146589841&doi=10.1007%2f978-3-031-19576-1_10&partnerID=40&md5=2ab44febda58105404b1a2521941555 9	Scopus
Panda M.K.	Placing Mind in the Natural World: In Search of an Alternative Naturalism	2023	Journal of Indian Council of Philosophical Research	0	10.1007/s40961-023-00323-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180688451&doi=10.1007%2fs40961-023-00323-y&partnerID=40&md5=779c144392c1c4b82ac79b6fc7586b92	Scopus
Biswas P.; Hasan I.; Mitra S.; Das T.; Mandal S.; Al-Tawaha A.R.; Dey A.	Swertia chirata Buch.-Ham. Ex Wall., a Traditional Medicinal Plant with Antidiabetic Potential	2023	Antidiabetic Medicinal Plants and Herbal Treatments	0	10.1201/b23347-16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164868980&doi=10.1201%2fb23347-16&partnerID=40&md5=cba0ed1eac38194a2674f0a53524aabc	Scopus
Mondal S.; Patel P.P.	An Account of the Flood History in the Ghatal Region of West Bengal, India	2023	Springer Geography	0	10.1007/978-3-031-21086-0_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153045680&doi=10.1007%2f978-3-031-21086-0_14&partnerID=40&md5=24a399dda21ecf49e31283ac79bc5d8d	Scopus
Dutta W.; Misra D.; Chowdhury P.; Galarza Prieto J.C.; Das S.; Marimuthu K.; Ray P.	The mycobiota associated with the weed water hyacinth Pontederia crassipes in Kolkata, India, with emphasis on biological control of the macrophyte	2023	Biocontrol Science and Technology	0	10.1080/09583157.2023.2191298	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150904162&doi=10.1080%2f09583157.2023.2191298&partnerID=40&md5=d405e60935f89915c02d55aaf74387fe	Scopus

Banerjee S.; Adhikari A.	ON SPECTRA OF POWER GRAPHS OF FINITE CYCLIC AND DIHEDRAL GROUPS	2023	Rocky Mountain Journal of Mathematics	0	10.1216/rmj.2023.53.341	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166530924&doi=10.1216%2frmj.2023.53.341&partnerID=40&md5=de784943a5393700d3f64f1170bbf40d	Scopus
Chatterjee M.; Ghosh P.K.; Ghosh A.	Animal Models for Prostate Cancer Research: A Mechanistic Outlook on the Challenges and Recent Progress	2023	Handbook of Animal Models and its Uses in Cancer Research	0	10.1007/978-981-19-3824-5_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160145646&doi=10.1007%2f978-981-19-3824-5_20&partnerID=40&md5=115765f1fb42e6a176c129c9eabe89c4	Scopus
Nandi A.K.; Basak U.; Chatterjee D.P.	Controlled grafting of polythiophene and poly(vinylidene fluoride)	2023	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	4	10.1080/10601325.2023.2222012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162249917&doi=10.1080%2f10601325.2023.2222012&partnerID=40&md5=d9886c46a73b807923327a9a041b9ceb	Scopus
Sen S.; Mondal S.; Naskar A.; Biswas P.; Das T.; Sanyal R.; Dey A.; Rai M.	Aloe vera (L.) Burm.f. An Important Medicinal Herb for Diabetes Treatment	2023	Antidiabetic Medicinal Plants and Herbal Treatments	0	10.1201/b23347-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164876014&doi=10.1201%2fb23347-5&partnerID=40&md5=64affbe407ae8a073e8073c368a7de3d	Scopus
Sharma K.; Devi P.; Kumar P.; Dey A.; Dwivedi P.	Hazardous Phytotoxic Nature of Reactive Oxygen Species in Agriculture	2023	Reactive Oxygen Species: Prospects in Plant Metabolism	0	10.1007/978-981-19-9794-5_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171505629&doi=10.1007%2f978-981-19-9794-5_8&partnerID=40&md5=6ceab6ed22c32e2c586c2eb0c5f53c04	Scopus

Ghosh M.; Ganguly S.	Gender, Partition and Memory: Case Studies in Micro-Heritage and Identity	2023	Media Technology and Cultures of Memory: Mapping Indian Narratives	0	10.4324/9781003350330-15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179233216&doi=10.4324%2f9781003350330-15&partnerID=40&md5=1aa0c6420432ee4606472fb93130a84d	Scopus
Tyagi S.; Yadav P.; Chakraborty A.; Majumdar A.; Moulick D.; Chandra Santra S.; Upadhyay M.K.; Sahoo U.; Maitra S.; Hossain A.	Myconanotechnologies: an approach towards sustainable agriculture	2023	Myconanotechnology and Application of Nanoparticles in Biology: Fundamental Concepts, Mechanism and Industrial Applications	1	10.1016/B978-0-443-15262-7.00005-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176371947&doi=10.1016%2fB978-0-443-15262-7.00005-X&partnerID=40&md5=28652109f220ef9ef22ebc03c8137562	Scopus
Mitra S.; Biswas P.; Bandyopadhyay A.; Gadekar V.S.; Gopalakrishnan A.V.; Kumar M.; Radha; Nandy S.	Piperlongumine: the amazing amide alkaloid from Piper in the treatment of breast cancer	2023	Naunyn-Schmiedeberg's Archives of Pharmacology	0	10.1007/s00210-023-02673-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176312447&doi=10.1007%2fs00210-023-02673-5&partnerID=40&md5=c9f13d1e05a60402c50bc0b4636c246f	Scopus
Jain V.; Ghorai M.; Das T.; Dey A.	Anticancerous Compounds from Bryophytes: Recent Advances with Special Emphasis on Bis(bi)benzyls	2023	Reference Series in Phytochemistry	0	10.1007/978-3-031-23243-5_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163635600&doi=10.1007%2f978-3-031-23243-5_3&partnerID=40&md5=a7d93b6163415e89ce96273fcb759513	Scopus
Banerjee A.; Adhikari M.; Biswas C.; Maity S.; Chatterjee A.; Guchhait R.; Pramanick K.	Contribution of Zebrafish in Cancer Research: Tiny but Not Trivial	2023	Handbook of Animal Models and its Uses in Cancer Research	0	10.1007/978-981-19-3824-5_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160129971&doi=10.1007%2f978-981-19-3824-5_10&partnerID=40&md5=e23ed0d69ca93556606aa87f3fd81113	Scopus

Das M.; Ma L.; Pal A.; Kole C.	Genetics, Genomics and Breeding of Bamboos	2023	Genetics, Genomics and Breeding of Bamboos	0	10.1201/9781003287605	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163492109&doi=10.1201%2f9781003287605&partnerID=40&md5=66bcd49811e693163a811ccabf6dfbc4	Scopus
Mandal S.; Ghorai M.; Lal M.K.; Tiwari R.K.; Kumar M.; Radha; Ghosh A.; Al-Tawaha A.R.; Gopalakrishnan A.V.; Shekhawat M.S.; Pandey D.K.; Malik T.; Bursal E.; Dey A.	Genome to phenome: bioinformatics of crop plants	2023	Genomics, Transcriptomics, Proteomics and Metabolomics of Crop Plants	0	10.1016/B978-0-323-95989-6.00005-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169343619&doi=10.1016%2fB978-0-323-95989-6.00005-X&partnerID=40&md5=f8ca5b6e19815bfaa09b59d8ebe2ea93	Scopus
Raychaudhuri B.	Orbiting Carbon Observatory approach for estimating the atmospheric water vapour feedback in tropical India	2023	Remote Sensing Letters	0	10.1080/2150704X.2023.2249594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168659132&doi=10.1080%2f2150704X.2023.2249594&partnerID=40&md5=6046e660de7cee64bba8dbe850db54b6	Scopus
Ahmad I.; Rajagopalan R.; Dey A.; Hoda M.	Resveratrol as a potential therapeutic molecule against neuropathy: A new narrative	2023	Treatments, Nutraceuticals, Supplements, and Herbal Medicine in Neurological Disorders	0	10.1016/B978-0-323-90052-2.00049-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166111657&doi=10.1016%2fB978-0-323-90052-2.00049-4&partnerID=40&md5=169ea6e8db383c3e366d743c570353ef	Scopus
Sen R.	Unification of relative versions of some star-covering properties	2023	Analele Stiintifice ale Universitatii Al I Cuza din Iasi - Matematica	0	10.47743/anstim.2023.00006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176318665&doi=10.47743%2fanstim.2023.00006&partnerID=40&md5=b381587395be3a811ea9cd5fc0ab14be	Scopus

Aafreedi N.J.	Hitler's Popularity and the Trivialization of the Holocaust in India	2023	Holocaust vs. Popular Culture: Interrogating Incompatibility and Universalization	0	10.4324/9781003251224-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169356112&doi=10.4324%2f9781003251224-8&partnerID=40&md5=2de03af584462324cbad45839b953619	Scopus
Rai M.; Mondal S.; Sanyal R.; Dey A.; Sen S.	Girolle (Cantharellus cibarius)	2023	Mushrooms: Nutraceuticals and Functional Foods	0	10.1201/9781003322238-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151692537&doi=10.1201%2f9781003322238-8&partnerID=40&md5=b5dfb7bcbcf1423bc76259ba2d80b9cb	Scopus
Biswas P.; Hasan I.; Anand U.; Ghorai M.; Al-Tawaha A.R.; Bursal E.; Jain V.; Pandey D.K.; Swamy M.K.; Shekhawat M.S.; Malik T.; Dey A.	Recent Update on Medicinal Properties of Rotula aquatica Lour.	2023	Aquatic Medicinal Plants	0	10.1201/9781003256830-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169407650&doi=10.1201%2f9781003256830-7&partnerID=40&md5=b82478957b11a95c99ecd294e4a1efbb	Scopus
Sarkar D.P.; Ando J.-I.; Ghosh G.; Das K.; Dasgupta P.; Tomioka N.	Fault zone architecture and lithology-dependent deformation mechanisms of the Himalayan frontal fold-thrust belt: Insights from the Nahan Thrust, India	2023	Bulletin of the Geological Society of America	1	10.1130/B36246.1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153713221&doi=10.1130%2fB36246.1&partnerID=40&md5=a49db52225bddc8e663d27a1662a9382	Scopus
Saridakis E.N.; Yang W.; Pan S.; Anagnostopoulos F.K.; Basilakos S.	Observational constraints on soft dark energy and soft dark matter: Challenging ΛCDM cosmology	2023	Nuclear Physics B	5	10.1016/j.nuclphysb.2022.116042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145588802&doi=10.1016%2fj.nuclphysb.2022.116042&partnerID=40&md5=d5cf3a73f59190ae5b320669ad9699a4	Scopus

Maity S.; Maity S.; Pramanick K.	Hormonal impacts on stem cell lineages and related signaling pathways	2023	Stem Cells and Signaling Pathways	0	10.1016/B978-0-443-18800-8.00020-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176876632&doi=10.1016%2fB978-0-443-18800-8.00020-4&partnerID=40&md5=92197e6e4640de7cdef88a445f1b3c16	Scopus
Jodder J.	Regulation of morphogenesis and development in food crops: role of small RNA	2023	Plant Small RNA in Food Crops	0	10.1016/B978-0-323-91722-3.00011-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161251432&doi=10.1016%2fB978-0-323-91722-3.00011-7&partnerID=40&md5=ffcf20307de7b26a131a6d6fd4ab5281	Scopus
Mukherjee A.G.; Renu K.; Gopalakrishnan A.V.; Veeraraghavan V.P.; Vinayagam S.; Paz-Montelongo S.; Dey A.; Vellingiri B.; George A.; Madhyastha H.; Ganesan R.	Heavy Metal and Metalloid Contamination in Food and Emerging Technologies for Its Detection	2023	Sustainability (Switzerland)	14	10.3390/su15021195	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149634391&doi=10.3390%2fsu15021195&partnerID=40&md5=feb68040e8cb3f7bb7d166c2d9a7580a	Scopus
Agrawal K.; Chakraborty P.; Dewanjee S.; Arfin S.; Das S.S.; Dey A.; Moustafa M.; Mishra P.C.; Jafari S.M.; Jha N.K.; Jha S.K.; Kumar D.	Neuropharmacological interventions of quercetin and its derivatives in neurological and psychological disorders	2023	Neuroscience and Biobehavioral Reviews	11	10.1016/j.neubiorev.2022.104955	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143353685&doi=10.1016%2fj.neubiorev.2022.104955&partnerID=40&md5=22be99b9d3f6335f8a2a77fc0d09e08d	Scopus
Sarkar K.; Mondal J.; Khajanchi S.	How do the contaminated environment influence the transmission dynamics of COVID-19 pandemic?	2022	European Physical Journal: Special Topics	15	10.1140/epjs/s11734-022-00648-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136539364&doi=10.1140%2fepjs%2fs11734-022-00648-w&partnerID=40&md5=69bbbce239b17f050b45518c47ecd4c7	Scopus

Bag P.; Nayak S.; Debnath T.; Ghosh P.K.	Directed Autonomous Motion and Chiral Separation of Self-Propelled Janus Particles in Convection Roll Arrays	2022	Journal of Physical Chemistry Letters	7	10.1021/acs.jpclett.2c03193	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143523580&doi=10.1021%2facs.jpclett.2c03193&partnerID=40&md5=eacd307ac4bd258dfca02743ed6ac9d8	Scopus
Yılmaz M.A.; Taslimi P.; Kılıç Ö.; Gülçin İ.; Dey A.; Bursal E.	Unravelling the phenolic compound reserves, antioxidant and enzyme inhibitory activities of an endemic plant species, Achillea pseudoaleppica	2023	Journal of Biomolecular Structure and Dynamics	18	10.1080/07391102.2021.2007792	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120675758&doi=10.1080%2f07391102.2021.2007792&partnerID=40&md5=44de4fae1bc85319f9b702fd38b15715	Scopus
Chakraborty M.; Kadir E.S.; Gayen R.N.	GO induced grain-boundary modification in transparent TiO2-GO nanocomposite thin films: Study by DC bias dependent impedance spectroscopy	2022	Chemical Physics Letters	2	10.1016/j.cplett.2022.140116	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139856553&doi=10.1016%2fj.cplett.2022.140116&partnerID=40&md5=7e654b1230f2a4540e5a00c1560a1d6c	Scopus
Manokari M.; Priyadharshini S.; Cokulraj M.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	Exogenous implications of silver nitrate on direct and indirect somatic embryogenesis and germination of cold stored synseeds of Vanilla planifolia Jacks. ex Andrews	2022	South African Journal of Botany	2	10.1016/j.sajb.2022.07.019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135498084&doi=10.1016%2fj.sajb.2022.07.019&partnerID=40&md5=c6997e5ec3668e55469e1357d650b207	Scopus
Kumar M.; Hasan M.; Lorenzo J.M.; Dhumal S.; Nishad J.; Rais N.; Verma A.; Changan S.; Barbhai M.D.; Radha; Chandran D.; Pandiselvam R.; Senapathy M.; Dey A.; Pradhan P.C.; Mohankumar P.; Deshmukh V.P.; Amarowicz R.; Mekhemar M.; Zhang B.	Jamun (Syzygium cumini (L.) Skeels) seed bioactives and its biological activities: A review	2022	Food Bioscience	10	10.1016/j.fbio.2022.102109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140439092&doi=10.1016%2fj.fbio.2022.102109&partnerID=40&md5=f0a4639e81fdd65941ae96316869ddf6	Scopus

Sarbadhikary S.	'Prithak Pranav', the Krishna-Kali Conundrum: Historical and Literary Complexities of Sectarian Bengal	2023	South Asian History and Culture	0	10.1080/19472498.2022.2075207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130440750&doi=10.1080%2f19472498.2022.2075207&partnerID=40&md5=4f9d9eb171ae7bad72187a7211b8eec2	Scopus
Khanam R.; Sengupta A.; Mukhopadhyay D.; Chakraborty S.	Identification of Adamts4 as a novel adult cardiac injury biomarker with therapeutic implications in patients with cardiac injuries	2022	Scientific Reports	4	10.1038/s41598-022-13918-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131931129&doi=10.1038%2fs41598-022-13918-3&partnerID=40&md5=2719809d5c65d4c028c22524d3701418	Scopus
Chakraborty A.	Evolution of a political landscape: Revolution to consolidation and beyond	2022	Kolkata - The Colonial City in Transition: Reflections in Geographies of Urban India	0	10.4324/9781003205968-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143742700&doi=10.4324%2f9781003205968-9&partnerID=40&md5=7c307ad97c6d7e52971a7ec8a7fbdf48	Scopus
Mukherjee D.; Ray A.; Paul D.K.; Chakraborty K.; Thakkar M.; Chouhan G.	Petrology and geochemistry of Bhanjada Bet phonolites, Kutch, Gujarat in Western Deccan Province: Possibility of a mantle-derived primary phonolite magma	2022	Journal of Earth System Science	0	10.1007/s12040-022-01955-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139199479&doi=10.1007%2fs12040-022-01955-5&partnerID=40&md5=c1e3ab8e51bf5a49797bdc2e9fba9e20	Scopus
Chaudhuri D.; Datta J.; Majumder S.; Giri K.	In silico study on miRNA regulation and NSs protein interactome characterization of the SFTS virus	2022	Journal of Molecular Graphics and Modelling	1	10.1016/j.jmgm.2022.108291	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135957573&doi=10.1016%2fj.jmgm.2022.108291&partnerID=40&md5=e6b9926f2e253d97c72e838b8b6a7d45	Scopus

Dey S.; Guha T.; Barman F.; Natarajan L.; Kundu R.; Mukherjee A.; Paul S.	Surface functionalization and size of polystyrene microplastics concomitantly regulate growth, photosynthesis and anti-oxidant status of Cicer arietinum L.	2023	Plant Physiology and Biochemistry	2	10.1016/j.plaphy.2022.11.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141809167&doi=10.1016%2fj.plaphy.2022.11.004&partnerID=40&md5=127ba0f10572696700e70d9cfb438ac1	Scopus
Chaudhuri D.; Majumder S.; Datta J.; Giri K.	Designing of nanobodies against Dengue virus Capsid: a computational affinity maturation approach	2023	Journal of Biomolecular Structure and Dynamics	3	10.1080/07391102.2022.2029773	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123498222&doi=10.1080%2f07391102.2022.2029773&partnerID=40&md5=cf117366d173cb1d6d12c0a89c267cbd	Scopus
Bansal P.; Gupta M.; Sangwan S.; Bhatia G.K.; Ramniwas S.; Chandran D.; Dey A.; Dhama K.; Tuli H.S.	Computational Purposing Phytochemicals against Cysteine Protease of Monkeypox Virus: An In-silico Approach	2022	Journal of Pure and Applied Microbiology	6	10.22207/JPAM.16.SPL1.04	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147773134&doi=10.22207%2fJPAM.16.SPL1.04&partnerID=40&md5=8b91f0d86742eba422d563de1ca6ad69	Scopus
Bandyopadhyay A.; Dey A.	Medicinal pteridophytes: ethnopharmacological, phytochemical, and clinical attributes	2022	Beni-Suef University Journal of Basic and Applied Sciences	1	10.1186/s43088-022-00283-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137978712&doi=10.1186%2fs43088-022-00283-3&partnerID=40&md5=b4832221a6f6ec3ef4c029384c012f11	Scopus
Qi X.; Jha S.K.; Jha N.K.; Dewanjee S.; Dey A.; Deka R.; Pritam P.; Ramgopal K.; Liu W.; Hou K.	Antioxidants in brain tumors: current therapeutic significance and future prospects	2022	Molecular Cancer	20	10.1186/s12943-022-01668-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140724106&doi=10.1186%2fs12943-022-01668-9&partnerID=40&md5=93b9eb25d01112cb39327269512ab8d6	Scopus

Dhama K.; Chandran D.; Chopra H.; Aminul Islam M.; Emran T.B.; Rehman M.E.U.; Dey A.; Mohapatra R.K.; Praveen S.V.; Mohankumar P.; Sharma A.K.; Bhattacharya P.	SARS-CoV-2 emerging Omicron subvariants with a special focus on BF.7 and XBB.1.5 recently posing fears of rising cases amid ongoing COVID-19 pandemic	2022	Journal of Experimental Biology and Agricultural Sciences	11	10.18006/2022.10(6).1215.1221	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146281977&doi=10.18006%2f2022.10%286%29.1215.1221&partnerID=40&md5=8f6d71187ec88714b8b2277d4cd248f1	Scopus
Chakraborty K.; Ray A.; Chakraborti T.M.; Deb G.K.; Mandal A.; Kimura K.; Mukhopadhyay S.	Petrology, geochemistry and U–Pb zircon geochronology of alkali granites of Jhalda, eastern India and their possible linkage to Rodinia Supercontinent	2022	Journal of Earth System Science	2	10.1007/s12040-022-01989-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143721195&doi=10.1007%2fs12040-022-01989-9&partnerID=40&md5=13a8fbf6a7d310c3656fb074d21f0f48	Scopus
Pramanik S.; Das B.	Osmotic and Activity Coefficients of Lithium Nitrate in Ethanol Under High Pressures	2022	Journal of Solution Chemistry	2	10.1007/s10953-022-01212-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139561693&doi=10.1007%2fs10953-022-01212-9&partnerID=40&md5=71b2db3afb948f7a070348b1e01de219	Scopus
Acharyya A.B.; Acharyya M.; Vatansever E.; Fytas N.G.	Transient Behavior of Damage Spreading in the Two-Dimensional Blume–Capel Ferromagnet	2023	Journal of Statistical Physics	0	10.1007/s10955-022-03012-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140072062&doi=10.1007%2fs10955-022-03012-3&partnerID=40&md5=3de21ed93981e28d467422988e646cfb	Scopus
Kadir E.S.; Gayen R.N.; Chowdhury M.P.	Enhanced photodetection properties of GO incorporated flexible PVDF membranes under solar spectrum	2022	Journal of Polymer Research	0	10.1007/s10965-022-03364-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142731501&doi=10.1007%2fs10965-022-03364-0&partnerID=40&md5=62d2ab36b5d570ee8df4166aa7b1a3b3	Scopus

Bhattacharjee R.; Kumar L.; Mukerjee N.; Anand U.; Dhasmana A.; Preetam S.; Bhaumik S.; Sihi S.; Pal S.; Khare T.; Chattopadhyay S.; El-Zahaby S.A.; Alexiou A.; Koshy E.P.; Kumar V.; Malik S.; Dey A.; Proćków J.	The emergence of metal oxide nanoparticles (NPs) as a phytomedicine: A two-facet role in plant growth, nano-toxicity and anti-phyto-microbial activity	2022	Biomedicine and Pharmacotherapy	41	10.1016/j.biopha.2022.113658	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138323562&doi=10.1016%2fj.biopha.2022.113658&partnerID=40&md5=a6369be0703f0c41ac053546a8b49e92	Scopus
Yadav P.; Chakraborty P.; Jha N.K.; Dewanjee S.; Jha A.K.; Panda S.P.; Mishra P.C.; Dey A.; Jha S.K.	Molecular Mechanism and Role of Japanese Encephalitis Virus Infection in Central Nervous System-Mediated Diseases	2022	Viruses	8	10.3390/v14122686	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144488929&doi=10.3390%2fv14122686&partnerID=40&md5=2d8572e96ae4cf4e9a4c48a14876e4d6	Scopus
Rajaram A.P.	From oblivion to acceptance: Sadir dancer Muthukannammal's presence as a challenge to representations	2022	Performance Making and the Archive	0	10.4324/9780429281921-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143475595&doi=10.4324%2f9780429281921-7&partnerID=40&md5=0ee24d037ddf4cc1cd2a017cfffab016	Scopus
Kar Chowdhury R.; Chatterjee S.; Paul A.; Sarazin C.L.; Dai J.L.	Cosmological Simulation of Galaxy Groups and Clusters. II. Studying Different Modes of Feedback through X-Ray Observations	2022	Astrophysical Journal	2	10.3847/1538-4357/ac951c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142543121&doi=10.3847%2f1538-4357%2fac951c&partnerID=40&md5=a41c6e4f3589f3233ee4d711d32dd01c	Scopus
Mukherjee A.G.; Wanjari U.R.; Nagarajan D.; K K V.; V A.; P J.P.; T T.P.; Chakraborty R.; Renu K.; Dey A.; Vellingiri B.; Gopalakrishnan A.V.	Letrozole: Pharmacology, toxicity and potential therapeutic effects	2022	Life Sciences	12	10.1016/j.lfs.2022.121074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140855425&doi=10.1016%2fj.lfs.2022.121074&partnerID=40&md5=3ef40849736edb9199fc3e367302f8ca	Scopus

Pal A.; Chatterjee S.	Influence of vertical wind shear on the maximum potential intensity of tropical cyclones over the Bay of Bengal region	2022	Journal of Earth System Science	0	10.1007/s12040-022-02003-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144474075&doi=10.1007%2fs12040-022-02003-y&partnerID=40&md5=1748e7d73bde16a7a83184c9f327bd1f	Scopus
Dewanjee S.; Chakraborty P.; Bhattacharya H.; Singh S.K.; Dua K.; Dey A.; Jha N.K.	Recent advances in flavonoid-based nanocarriers as an emerging drug delivery approach for cancer chemotherapy	2023	Drug Discovery Today	14	10.1016/j.drudis.2022.103409	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141457393&doi=10.1016%2fj.drudis.2022.103409&partnerID=40&md5=965f0831aca3ae8a1d751281a805886f	Scopus
Mani S.; Jindal D.; Chopra H.; Jha S.K.; Singh S.K.; Ashraf G.M.; Kamal M.; Iqbal D.; Chellappan D.K.; Dey A.; Dewanjee S.; Singh K.K.; Ojha S.; Singh I.; Gautam R.K.; Jha N.K.	ROCK2 inhibition: A futuristic approach for the management of Alzheimer's disease	2022	Neuroscience and Biobehavioral Reviews	14	10.1016/j.neubiorev.2022.104871	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139998059&doi=10.1016%2fj.neubiorev.2022.104871&partnerID=40&md5=4405baf5f0ee268b628ace3b93abe2b7	Scopus
Mani M.; Mathiyazhagan C.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	Micro-morpho-anatomical transitions at various stages of in vitro development of Crinum malabaricum Lekhak and Yadav: A critically endangered medicinal plant	2023	Plant Biology	5	10.1111/plb.13464	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137906347&doi=10.1111%2fplb.13464&partnerID=40&md5=ee26bb4bfb58cbd6ae72778fe35c4b8c	Scopus
Katoch K.; Gupta S.; Gupta A.P.; Goyal P.; Devi R.; Dey A.; Pandey D.K.	Biotic elicitation for enhanced production of plumbagin in regenerated shoot cultures of Plumbago zeylanica using response surface methodology	2022	Plant Cell, Tissue and Organ Culture	4	10.1007/s11240-022-02375-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138760258&doi=10.1007%2fs11240-022-02375-5&partnerID=40&md5=4ec5306104f451639d4135ba0dca5896	Scopus

Kanrar S.; Ghosh A.; Ghosh A.; Sadhukhan M.; Bhowmik T.; Chand Ghosh U.; Sasikumar P.	Facile synthesis and characterization of Chromium(III)/Zirconium(IV) impregnated Chitosan/β-Cyclodextrin Bio-composite and Application towards efficient removal of Copper(II) from aqueous systems	2022	Inorganic Chemistry Communications	2	10.1016/j.inoche.2022.109988	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138354625&doi=10.1016%2fj.inoche.2022.109988&partnerID=40&md5=b0131ced3a4103a3221d2f8d9d9525fd	Scopus
Gupta V.K.; Bakshi U.; Chang D.; Lee A.R.; Davis J.M., III; Chandrasekaran S.; Jin Y.-S.; Freeman M.F.; Sung J.	TaxiBGC: a Taxonomy-Guided Approach for Profiling Experimentally Characterized Microbial Biosynthetic Gene Clusters and Secondary Metabolite Production Potential in Metagenomes	2022	mSystems	3	10.1128/msystems.00925-22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144459555&doi=10.1128%2fmsystems.00925-22&partnerID=40&md5=ef020cd7835ace8632a6a32db4f410a4	Scopus
Khamaru M.; Nath D.; Mitra D.; Roy S.	Assessing Combinatorial Diversity of Aureochrome Basic Leucine Zippers through Genome-Wide Screening	2022	Cells Tissues Organs	1	10.1159/000527593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189863103&doi=10.1159%2f000527593&partnerID=40&md5=4f5381732a4b7d5303152e2ca1fb0abf	Scopus
Kannampuzha S.; Ravichandran M.; Mukherjee A.G.; Wanjari U.R.; Renu K.; Vellingiri B.; Iyer M.; Dey A.; George A.; Gopalakrishnan A.V.	The mechanism of action of non-coding RNAs in placental disorders	2022	Biomedicine and Pharmacotherapy	4	10.1016/j.biopha.2022.113964	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141287671&doi=10.1016%2fj.biopha.2022.113964&partnerID=40&md5=be0f7d2e71e4258e53216e93d68935cf	Scopus
Tudu C.K.; Dutta T.; Ghorai M.; Biswas P.; Samanta D.; Oleksak P.; Jha N.K.; Kumar M.; Radha; Proćków J.; Pérez de la Lastra J.M.; Dey A.	Traditional uses, phytochemistry, pharmacology and toxicology of garlic (Allium sativum), a storehouse of diverse phytochemicals: A review of research from the last decade focusing on health and nutritional implications	2022	Frontiers in Nutrition	13	10.3389/fnut.2022.929554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141847694&doi=10.3389%2ffnut.2022.929554&partnerID=40&md5=1738bed0aea4ab555b7c68f28e3278dc	Scopus

Pyne D.K.; Chatterjee S.; Pramanik S.; Saha P.; Biswas T.; Bali S.; Dutta P.; Halder A.	Tuning of Photoluminescence of Graphene Oxide Based Nanomaterials in the UV-Visible Region: Formation of Aggregates by H-Bonding through Water Molecules	2022	ChemistrySelect	1	10.1002/slct.202202707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143351331&doi=10.1002%2fslct.202202707&partnerID=40&md5=3446b34edc2c1fd7fefccf9a7ee11b1d	Scopus
Islam M.N.; Kaish I.; Akhtar M.N.; Navascués M.A.	Fractal Sobolev systems of functions associated with orthonormal systems of functions	2022	Asian-European Journal of Mathematics	0	10.1142/S1793557122502035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126301564&doi=10.1142%2fS1793557122502035&partnerID=40&md5=d9161cd64d14e9deb322e3b562840b83	Scopus
Roy R.	Politics of Identity Contra Anti-caste Social Visions: The Matua Problem and beyond	2022	Economic and Political Weekly	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141730016&partnerID=40&md5=3dafabe1c17740748035a93ebdeebf80	Scopus
Sarkar S.; Mondal D.	Spatiotemporal changes in tropospheric nitrogen dioxide hotspot due to emission switch-off condition in the view of lockdown emergency in India	2022	Air Quality, Atmosphere and Health	1	10.1007/s11869-022-01240-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137101145&doi=10.1007%2fs11869-022-01240-w&partnerID=40&md5=f264e8a7e46df58e519b114bd596765c	Scopus
Husain Z.; Ghosh S.; Dutta M.	Cash transfers versus food subsidies during COVID-19: dietary practices of rural women in Bihar, India	2023	Development in Practice	0	10.1080/09614524.2022.2148632	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142694201&doi=10.1080%2f09614524.2022.2148632&partnerID=40&md5=172388670fb1ed82666660b62b3c928d	Scopus
Chakraborty S.; Mallick D.; Goswami M.; Guengerich F.P.; Chakrabarty A.; Chowdhury G.	The Natural Products Withaferin A and Withanone from the Medicinal Herb Withania somnifera Are Covalent Inhibitors of the SARS-CoV-2 Main Protease	2022	Journal of Natural Products	10	10.1021/acs.jnatprod.2c00521	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138604280&doi=10.1021%2facs.jnatprod.2c00521&partnerID=40&md5=c93a0145c3e304a6cbc3277a49ac50f0	Scopus

Kumari N.; Kumar M.; Radha; Lorenzo J.M.; Sharma D.; Puri S.; Pundir A.; Dhumal S.; Bhuyan D.J.; Jayanthy G.; Selim S.; Abdel-Wahab B.A.; Chandran D.; Anitha T.; Deshmukh V.P.; Pandiselvam R.; Dey A.; Senapathy M.; Rajalingam S.; Mohankumar P.; Kennedy J.F.	Onion and garlic polysaccharides: A review on extraction, characterization, bioactivity, and modifications	2022	International Journal of Biological Macromolecules	21	10.1016/j.ijbiomac.2022.07.163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136092431&doi=10.1016%2fj.ijbiomac.2022.07.163&partnerID=40&md5=1e6ec8ccf9e8f5a06569f8a9094d95b9	Scopus
Mukerjee N.; Maitra S.; Roy S.; Modak S.; Hasan M.M.; Chakraborty B.; Ghosh A.; Ghosh A.; Kamal M.A.; Dey A.; Ashraf G.M.; Malik S.; Rahman M.H.; Alghamdi B.S.; Abuzenadah A.M.; Alexiou A.	Treatments against Polymorphosal discrepancies in Glioblastoma Multiforme	2023	Metabolic Brain Disease	4	10.1007/s11011-022-01082-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138681800&doi=10.1007%2fs11011-022-01082-6&partnerID=40&md5=a11e57d84c049a9ff9077bc602c8358a	Scopus
Mukherjee A.G.; Wanjari U.R.; Kannampuzha S.; Das S.; Murali R.; Namachivayam A.; Renu K.; Ramanathan G.; Doss C. G.P.; Vellingiri B.; Dey A.; Valsala Gopalakrishnan A.	The pathophysiological and immunological background of the monkeypox virus infection: An update	2023	Journal of Medical Virology	11	10.1002/jmv.28206	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141382768&doi=10.1002%2fjmv.28206&partnerID=40&md5=3e0501a0986fa207b090418b288c8ea2	Scopus

Nissa M.U.; Banerjee A.; Goswami M.; Srivastava S.	Comprehensive data and workflow for mapping global proteome and post-translational modifications in Indian Major Carp, Labeo rohita	2022	Data in Brief	0	10.1016/j.dib.2022.108746	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144448300&doi=10.1016%2fj.dib.2022.108746&partnerID=40&md5=088356543737868d5589f1e1d2d8476f	Scopus
De S.; Rosiere C.A.; Mukhopadhyay J.	Detrital zircon LA-ICPMS U-Pb and Lu-Hf signature from the Mesoarchean Keonjhar Quartzite: Implications for the nature of Archean continental crust and geodynamics	2022	Geosystems and Geoenvironment	7	10.1016/j.geogeo.2022.100057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138441520&doi=10.1016%2fj.geogeo.2022.100057&partnerID=40&md5=478aa9f32e5bb12d79050760b6521551	Scopus
Kumari M.; Radha; Kumar M.; Zhang B.; Amarowicz R.; Puri S.; Pundir A.; Rathour S.; Kumari N.; Chandran D.; Dey A.; Sharma N.; Rajalingam S.; Mohankumar P.; Sandhu S.; Pant N.; Ravichandran R.P.; Subramani M.; Pandi K.; Muthukumar M.; Zengin G.; Mekhemar M.; Lorenzo J.M.	Acacia catechu (L.f.) Willd.: A Review on Bioactive Compounds and Their Health Promoting Functionalities	2022	Plants	6	10.3390/plants11223091	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142411504&doi=10.3390%2fplants11223091&partnerID=40&md5=6e49a741165555d547cd2c2fba331944	Scopus
Roychowdhury R.	Beyond perfection: Inclusion and self-exploration of Neo-Disney "Beauties," "Beasts," and "Monsters"	2022	Neo-Disneyism: Inclusivity in the Twenty-First Century of Disneys Magic Kingdom	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143310331&partnerID=40&md5=d01dfc25c6d59f5b9edc6c8e5c81b228	Scopus

Kumar M.; Zhang B.; Nishad J.; Verma A.; Sheri V.; Dhumal S.; Radha; Sharma N.; Chandran D.; Senapathy M.; Dey A.; Rajalingam S.; Muthukumar M.; Mohankumar P.; Amarowicz R.; Pateiro M.; Lorenzo J.M.	Jamun (Syzygium cumini (L.) Skeels) Seed: A Review on Nutritional Profile, Functional Food Properties, Health-Promoting Applications, and Safety Aspects	2022	Processes	13	10.3390/pr10112169	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141667587&doi=10.3390%2fpr10112169&partnerID=40&md5=aa8993622789a7384d820658d19c249b	Scopus
Katoch K.; Gupta S.; Dey A.; Pandey D.K.	Establishment of direct regeneration protocol for Plumbago auriculata plantlets and comparative HPTLC analysis of plumbagin	2022	Nucleus (India)	3	10.1007/s13237-022-00397-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135712447&doi=10.1007%2fs13237-022-00397-0&partnerID=40&md5=262053220bdc265056b4b3ee65a7148c	Scopus
Sharma V.; Panwar A.; Garg V.K.; Tuli H.S.; Datta S.; Sharma A.K.; Dey A.; Chandran D.; Dhama K.	Tecovirimat as a Potential Bioavailable inhibitor against MPXVgp158 Established through Molecular Dynamic Simulations and Docking Studies	2022	Journal of Pure and Applied Microbiology	1	10.22207/JPAM.16.SPL1.13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149013930&doi=10.22207%2fJPAM.16.SPL1.13&partnerID=40&md5=3f9a42f028213e8dc4c848dadbf09fee	Scopus
Altaf M.A.; Behera B.; Mangal V.; Singhal R.K.; Kumar R.; More S.; Naz S.; Mandal S.; Dey A.; Saqib M.; Kishan G.; Kumar A.; Singh B.; Tiwari R.K.; Lal M.K.	Tolerance and adaptation mechanism of Solanaceous crops under salinity stress	2022	Functional Plant Biology	6	10.1071/FP22158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142728632&doi=10.1071%2fFP22158&partnerID=40&md5=1e062a8e1e2acd3181ea43016bc7a94d	Scopus
Anand U.; Adelodun B.; Cabreros C.; Kumar P.; Suresh S.; Dey A.; Ballesteros F., Jr.; Bontempi E.	Occurrence, transformation, bioaccumulation, risk and analysis of pharmaceutical and personal care products from wastewater: a review	2022	Environmental Chemistry Letters	51	10.1007/s10311-022-01498-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136195519&doi=10.1007%2fs10311-022-01498-7&partnerID=40&md5=333b8bc4f05b2d883fcc32f4813e7e88	Scopus

Dewanjee S.; Chakraborty P.; Bhattacharya H.; Chacko L.; Singh B.; Chaudhary A.; Javvaji K.; Pradhan S.R.; Vallamkondu J.; Dey A.; Kalra R.S.; Jha N.K.; Jha S.K.; Reddy P.H.; Kandimalla R.	Altered glucose metabolism in Alzheimer's disease: Role of mitochondrial dysfunction and oxidative stress	2022	Free Radical Biology and Medicine	49	10.1016/j.freeradbiomed.2022.09.032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140057095&doi=10.1016%2fj.freeradbiomed.2022.09.032&partnerID=40&md5=2f45cd7bb0c745f993eedbc4e22f7998	Scopus
Tikendra L.; Dey A.; Jamir I.; Sahoo M.R.; Nongdam P.	Cytokinin influence on in vitro shoot induction and genetic stability assessment of Dendrocalamus latiflorus Munro: a commercially important bamboo in Manipur, North-East India	2022	Vegetos	6	10.1007/s42535-022-00392-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130256322&doi=10.1007%2fs42535-022-00392-5&partnerID=40&md5=b2414d8c99049fd6e905d31b45c45887	Scopus
Shaikh M.S.; Islam F.; Gargote P.P.; Gaikwad R.R.; Dhupe K.C.; Khan S.L.; Siddiqui F.A.; Tapadiya G.G.; Ali S.S.; Dey A.; Emran T.B.	Potential Epha2 Receptor Blockers Involved in Cerebral Malaria from Taraxacum officinale, Tinospora cordifolia, Rosmarinus officinalis and Ocimum basilicum: A Computational Approach	2022	Pathogens	3	10.3390/pathogens11111296	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141687348&doi=10.3390%2fpathogens11111296&partnerID=40&md5=489ad60769fa50bbb5554a8ed5c513aa	Scopus
Chandran D.; Hridya P.; Prasanth D.; Abernaa D.; Kaaviya A.V.; Menon P.S.S.; Vinodhini D.; Aslam M.K.M.; Pran M.; Savanth V.V.; Nainu F.; Yatoo M.I.; Ur Rehman M.E.; Chopra H.; Emran T.B.; Dey A.; Sharma A.K.; Dhama K.	Changing Patterns in the Spread of Human Monkeypox: A Dangerous New Development in Disease Epidemiology	2022	Journal of Pure and Applied Microbiology	0	10.22207/JPAM.16.SPL1.11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152578437&doi=10.22207%2fJPAM.16.SPL1.11&partnerID=40&md5=94e37bf70d3c2b1d45830dbf28dedc39	Scopus

Maity S.; Guchhait R.; De S.; Pramanick K.	High doses of nano-polystyrene aggravate the oxidative stress, DNA damage, and the cell death in onions	2023	Environmental Pollution	6	10.1016/j.envpol.2022.120611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141745173&doi=10.1016%2fj.envpol.2022.120611&partnerID=40&md5=76e9ddc7693e36ff33136d0581b3dead	Scopus
Basu A.; Roy N.; Beuther H.; Syed J.; Ott J.; Soler J.D.; Stil J.; Rugel M.R.	Properties of atomic hydrogen gas in the Galactic plane from THOR 21-cm absorption spectra: a comparison with the high latitude gas	2022	Monthly Notices of the Royal Astronomical Society	2	10.1093/mnras/stac3043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145356229&doi=10.1093%2fmnras%2fstac3043&partnerID=40&md5=becbf0b08f2e961a53c53582c7359ebc	Scopus
Acharyya M.; Vatansever E.	Monte Carlo study of the phase diagram of layered XY antiferromagnet	2022	Physica A: Statistical Mechanics and its Applications	3	10.1016/j.physa.2022.128018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136461753&doi=10.1016%2fj.physa.2022.128018&partnerID=40&md5=667b7f3b2fcacd76f8c3c3a57e6d53a8	Scopus
Nawaz S.; Kaur P.; Konjengbam M.; Kumar V.; Gupta R.C.; Dwivedi P.; Patni B.; Pandey B.; Dey A.; Pandey D.K.	Screening of elite germplasms for industrially valuable medicinal crop Stevia rebaudiana for stevioside and rebaudioside A production: An HPTLC-linked chemotaxonomic assessment	2022	South African Journal of Botany	3	10.1016/j.sajb.2022.09.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144006551&doi=10.1016%2fj.sajb.2022.09.004&partnerID=40&md5=c363b823207d012945a64be04374cb64	Scopus
Khan S.; Mitra N.; Dey S.	A CobB like sirtuin in Oryza sativa indica regulates the mitochondrial machinery under stress conditions	2022	Archives of Biochemistry and Biophysics	0	10.1016/j.abb.2022.109446	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140728588&doi=10.1016%2fj.abb.2022.109446&partnerID=40&md5=14719cfb339b01ea5536ee00c6ace6f0	Scopus
Lal M.K.; Tiwari R.K.; Kumar A.; Dey A.; Kumar R.; Kumar D.; Jaiswal A.; Changan S.S.; Raigond P.; Dutt S.; Luthra S.K.; Mandal S.; Singh M.P.; Paul V.; Singh B.	Mechanistic Concept of Physiological, Biochemical, and Molecular Responses of the Potato Crop to Heat and Drought Stress	2022	Plants	18	10.3390/plants11212857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141729220&doi=10.3390%2fplants11212857&partnerID=40&md5=afb1dc361b3042715d160638e37cec32	Scopus

Biswas S.; Roychowdhury K.	Influence of heavy vehicle operation on walkability from pedestrians' perspective in Krishnanagar Municipality, India	2022	Case Studies on Transport Policy	1	10.1016/j.cstp.2022.11.010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142696206&doi=10.1016%2fj.cstp.2022.11.010&partnerID=40&md5=196df0438f14ab986b0998ab700c7b17	Scopus
Ayangla N.W.; Dwivedi P.; Dey A.; Pandey D.K.	In vitro propagation, genetic and phytochemical fidelity in Glycyrrhiza glabra L., a potent glycyrrhizin yielding endangered plant	2022	Nucleus (India)	4	10.1007/s13237-022-00395-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135574763&doi=10.1007%2fs13237-022-00395-2&partnerID=40&md5=eb0efbb97f1086c5aa44b438630ab078	Scopus
Hari Sankar C.R.; Rajan N.S.; Raida; Sreya V.K.; Suresh S.; Harisankaran P.S.; Sheela P.; Pran M.; Priya R.; Yatoo M.I.; Chopra H.; Emran T.B.; Dey A.; Dhama K.; Chandran D.	Potential effects of essential oils in safeguarding the health and enhancing production performance of livestock animals: The current scientific understanding	2022	Journal of Experimental Biology and Agricultural Sciences	2	10.18006/2022.10(6).1222.1240	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146263245&doi=10.18006%2f2022.10%286%29.1222.1240&partnerID=40&md5=b9c78523587da4f2627f6282055cb32f	Scopus
Dey S.; Anand U.; Kumar V.; Kumar S.; Ghorai M.; Ghosh A.; Kant N.; Suresh S.; Bhattacharya S.; Bontempi E.; Bhat S.A.; Dey A.	Microbial strategies for degradation of microplastics generated from COVID-19 healthcare waste	2023	Environmental Research	33	10.1016/j.envres.2022.114438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140039766&doi=10.1016%2fj.envres.2022.114438&partnerID=40&md5=2eec71307a05250553a5aad8fd847141	Scopus
Haque I.; Das D.N.; Patel P.P.	Housing poverty in Kolkata: Can rental market reforms be the viable solution?	2022	Kolkata - The Colonial City in Transition: Reflections in Geographies of Urban India	0	10.4324/9781003205968-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143652934&doi=10.4324%2f9781003205968-7&partnerID=40&md5=5065a92fdb6c5c8b5a289b1b88dadf16	Scopus

De R.; Banerjee A.; Santra S.; Das B.	Counterion dissociation in mixtures of sodium polystyrenesulfonate with different molar masses in aquo-organic media	2022	New Journal of Chemistry	0	10.1039/d2nj04903a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143203518&doi=10.1039%2fd2nj04903a&partnerID=40&md5=9d2724b10c9fc19e2cb6d7c598dc8cc3	Scopus
Sharma V.; Aggarwal D.; Sharma A.K.; Chandran D.; Sharma A.; Chopra H.; Emran T.B.; Dey A.; Dhama K.	An overview on Monkeypox, Current Paradigms and Advances in its Vaccination, Treatment and Clinical Management: Trends, Scope, Promise and Challenges	2022	Journal of Pure and Applied Microbiology	1	10.22207/JPAM.16.SPL1.21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149046744&doi=10.22207%2fJPAM.16.SPL1.21&partnerID=40&md5=b681d5c02387c5ab0d2c60109c417216	Scopus
Dutta P.; Bagli S.	Multidimensional Deprivation: Cross-District Insights in West Bengal	2022	Economic Affairs (New Delhi)	0	10.46852/0424-2513.5.2022.8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148055581&doi=10.46852%2f0424-2513.5.2022.8&partnerID=40&md5=1bc9de3f116b92ec9b0d300a2b3736ff	Scopus
Biswas P.; Ghorai M.; Mishra T.; Gopalakrishnan A.V.; Roy D.; Mane A.B.; Mundhra A.; Das N.; Mohture V.M.; Patil M.T.; Rahman M.H.; Jha N.K.; Batiha G.E.-S.; Saha S.C.; Shekhawat M.S.; Radha; Kumar M.; Pandey D.K.; Dey A.	Piper longum L.: A comprehensive review on traditional uses, phytochemistry, pharmacology, and health-promoting activities	2022	Phytotherapy Research	14	10.1002/ptr.7649	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140099582&doi=10.1002%2fptr.7649&partnerID=40&md5=195dd18a7a09f7617f463f6f3df85d67	Scopus
Kumar P.; Tiwari P.; Biswas A.; Acharya T.	Geophysical investigation for seawater intrusion in the high-quality coastal aquifers of India: a review	2023	Environmental Science and Pollution Research	9	10.1007/s11356-022-24233-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143118948&doi=10.1007%2fs11356-022-24233-9&partnerID=40&md5=2e1a9d01d56af06136659c4351c23d72	Scopus

Chakraborty A.; Chaudhury R.; Dutta S.; Basak M.; Dey S.; Schäffner A.R.; Das M.	Role of metabolites in flower development and discovery of compounds controlling flowering time	2022	Plant Physiology and Biochemistry	9	10.1016/j.plaphy.2022.09.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138046936&doi=10.1016%2fj.plaphy.2022.09.002&partnerID=40&md5=5745ad2fc3ff3566da2bf3958249703e	Scopus
Sarkar D.; Majumder S.; Giri K.; Sabnam N.	In silico characterization, molecular docking, and dynamic simulation of a novel fungal cell-death suppressing effector, MoRlpA as potential cathepsin B-like cysteine protease inhibitor during rice blast infection	2023	Journal of Biomolecular Structure and Dynamics	2	10.1080/07391102.2022.2139763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141579580&doi=10.1080%2f07391102.2022.2139763&partnerID=40&md5=9d8c44bec9ce7feaa25266a0bb3b2a82	Scopus
Chatzidakis S.; Giacomini A.; Leach P.G.L.; Leon G.; Paliathanasis A.; Pan S.	Interacting dark energy in curved FLRW spacetime from Weyl Integrable Spacetime	2022	Journal of High Energy Astrophysics	7	10.1016/j.jheap.2022.10.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140458468&doi=10.1016%2fj.jheap.2022.10.001&partnerID=40&md5=bf921811640b8cc437b2ddcb963deeb1	Scopus
Anuranj P.R.; Harisankaran P.S.; Adithya Krishna S.; Parvathy S.; Prakash G.; Vishnu Savanth V.; Pran M.; Chopra H.; Emran T.B.; Dey A.; Dhama K.; Chandran D.	Essential oils as valuable feed additive: A narrative review of the state of knowledge about their beneficial health applications and enhancement of production performances in poultry	2022	Journal of Experimental Biology and Agricultural Sciences	3	10.18006/2022.10(6).1290.1317	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146266185&doi=10.18006%2f2022.10%286%29.1290.1317&partnerID=40&md5=d1cbd01d1fee163038f3306a1ce3a843	Scopus
Pradhan S.; Hore S.; Maji S.K.; Manna S.; Maity A.; Kundu P.K.; Maity K.; Roy S.; Mitra S.; Dam P.; Mondal R.; Ghorai S.; Jawed J.J.; Dutta S.; Das S.; Mandal S.; Mandal S.; Kati A.; Sinha S.; Maity A.B.; Dolai T.K.; Mandal A.K.; İnce İ.A.	Study of epidemiological behaviour of malaria and its control in the Purulia district of West Bengal, India (2016–2020)	2022	Scientific Reports	6	10.1038/s41598-021-04399-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122801269&doi=10.1038%2fs41598-021-04399-x&partnerID=40&md5=9465047dca50b860d9252027db9fe1ec	Scopus

Mitra S.; Anand U.; Ghorai M.; Kant N.; Kumar M.; Radha; Jha N.K.; Swamy M.K.; Proćków J.; de la Lastra J.M.P.; Dey A.	Genome editing technologies, mechanisms and improved production of therapeutic phytochemicals: Opportunities and prospects	2023	Biotechnology and Bioengineering	2	10.1002/bit.28260	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140258570&doi=10.1002%2fbit.28260&partnerID=40&md5=7845436c93cc34d10acf9db8778f3746	Scopus
Zhao H.; Wang J.; Meng Y.; Li Z.; Fei B.; Das M.; Jiang Z.	Bamboo and rattan: Nature-based solutions for sustainable development	2022	Innovation	5	10.1016/j.xinn.2022.100337	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145401149&doi=10.1016%2fj.xinn.2022.100337&partnerID=40&md5=ec5fec2fb3bf948290fb6dc82598e40b	Scopus
Patel P.P.; Mondal S.; Dasgupta R.	The lateritic Badlands of Garbeta (West Bengal, India)	2022	Atlas of Structural Geological and Geomorphological Interpretation of Remote Sensing Images	0	10.1002/9781119813392.ch7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182755046&doi=10.1002%2f9781119813392.ch7&partnerID=40&md5=8c7d62cd017a8505042e2f2291b2cfc2	Scopus
Chakraborty S.; Dadashpoor H.; Novotný J.; Maity I.; Follmann A.; Patel P.P.; Roy U.; Pramanik S.	In pursuit of sustainability – Spatio-temporal pathways of urban growth patterns in the world's largest megacities	2022	Cities	17	10.1016/j.cities.2022.103919	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136645748&doi=10.1016%2fj.cities.2022.103919&partnerID=40&md5=679c4e6c986951741557a105a6988bd8	Scopus
Mitra A.; Dutta R.; Halder K.	A study on benthic molluscs and stable isotopes from Kutch, western India reveals early Eocene hyperthermals and pronounced transgression during ETM2 and H2 events	2022	Swiss Journal of Palaeontology	2	10.1186/s13358-022-00255-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134828531&doi=10.1186%2fs13358-022-00255-1&partnerID=40&md5=9d57a62dda7301669c5101a7121dc3c8	Scopus

Mukherjee A.G.; Wanjari U.R.; Gopalakrishnan A.V.; Katturajan R.; Kannampuzha S.; Murali R.; Namachivayam A.; Ganesan R.; Renu K.; Dey A.; Vellingiri B.; Prince S.E.	Exploring the Regulatory Role of ncRNA in NAFLD: A Particular Focus on PPARs	2022	Cells	3	10.3390/cells11243959	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144565322&doi=10.3390%2fcells11243959&partnerID=40&md5=9467899079a38ce5b2e917b45f4ef425	Scopus
Akhtar M.N.; Hossain A.	Stereographic Metric and Dimensions of Fractals on the Sphere	2022	Results in Mathematics	3	10.1007/s00025-022-01745-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138099110&doi=10.1007%2fs00025-022-01745-x&partnerID=40&md5=c628d6bc53744e1270dab46359a02960	Scopus
Das T.; Mukerjee N.; Ghosh A.; Lorenzo J.M.; Dhama K.; Dey A.	Growing risk of aristolochic acid nephropathy in the era of COVID-19 – Correspondence	2022	International Journal of Surgery	0	10.1016/j.ijsu.2022.106992	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143286518&doi=10.1016%2fj.ijsu.2022.106992&partnerID=40&md5=b085f0b679bffbfbd4639159585a8995	Scopus
Jha N.K.; Arfin S.; Jha S.K.; Kar R.; Dey A.; Gundamaraju R.; Ashraf G.M.; Gupta P.K.; Dhanasekaran S.; Abomughaid M.M.; Das S.S.; Singh S.K.; Dua K.; Roychoudhury S.; Kumar D.; Ruokolainen J.; Ojha S.; Kesari K.K.	Re-establishing the comprehension of phytomedicine and nanomedicine in inflammation-mediated cancer signaling	2022	Seminars in Cancer Biology	28	10.1016/j.semcancer.2022.02.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126652117&doi=10.1016%2fj.semcancer.2022.02.022&partnerID=40&md5=6decb1f55b48ee7fdbe8c3170e1266be	Scopus

Mitra S.S.; Ghorai M.; Nandy S.; Mukherjee N.; Kumar M.; Radha; Ghosh A.; Jha N.K.; Proćków J.; Dey A.	Barbaloin: an amazing chemical from the 'wonder plant' with multidimensional pharmacological attributes	2022	Naunyn-Schmiedeberg's Archives of Pharmacology	1	10.1007/s00210-022-02294-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139149669&doi=10.1007%2fs00210-022-02294-4&partnerID=40&md5=42b1c03a859c52044d5cf003e0af2a30	Scopus
Mukherjee A.G.; Wanjari U.R.; Gopalakrishnan A.V.; Bradu P.; Sukumar A.; Patil M.; Renu K.; Dey A.; Vellingiri B.; George A.; Ganesan R.	Implications of cancer stem cells in diabetes and pancreatic cancer	2023	Life Sciences	3	10.1016/j.lfs.2022.121211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142355087&doi=10.1016%2fj.lfs.2022.121211&partnerID=40&md5=aa42b46282bdcae86fa46eac0cb5ca69	Scopus
Banerjee A.; Halder A.; Jadhav P.; Sarkar A.; Hole A.; Shastri J.S.; Agrawal S.; Chilakapati M.K.; Srivastava S.	SARS-CoV-2 severity classification from plasma sample using confocal Raman spectroscopy	2023	Journal of Raman Spectroscopy	0	10.1002/jrs.6461	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141376201&doi=10.1002%2fjrs.6461&partnerID=40&md5=2128969fef545bdec1d14e1e2962727d	Scopus
Chakrabarti U.	Textualizing the agrarian: plots and forms in British India	2023	South Asian History and Culture	0	10.1080/19472498.2022.2075206	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132633971&doi=10.1080%2f19472498.2022.2075206&partnerID=40&md5=a24cb0ad49ffc6b0226b41cde82c355e	Scopus
Sarkar A.; Kumari N.; Mukherjee P.	The curious case of SARM1: Dr. Jekyll and Mr. Hyde in cell death and immunity?	2023	FEBS Journal	4	10.1111/febs.16256	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118860190&doi=10.1111%2ffebs.16256&partnerID=40&md5=3b78d9d3edfcfe200b2f86e53ad8b1ab	Scopus
Das S.; Ganesan M.	Aluminum induced malate transporter (ALMT1) is regulating the Aluminum stress tolerance responses of mungbean seedlings	2022	Plant Gene	2	10.1016/j.plgene.2022.100388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140646163&doi=10.1016%2fj.plgene.2022.100388&partnerID=40&md5=fbe3cc6a9aeb9f01d46972fc694a598b	Scopus

Novotný J.; Chakraborty S.; Maity I.	Urban expansion of the 43 worlds' largest megacities: A search for unified macro-patterns	2022	Habitat International	21	10.1016/j.habitatint.2022.102676	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139348243&doi=10.1016%2fj.habitatint.2022.102676&partnerID=40&md5=52cc851aa3ac416d2859a628d78b0c14	Scopus
Kumar M.; Barbhai M.D.; Esatbeyoglu T.; Zhang B.; Sheri V.; Dhumal S.; Rais N.; Radha; Said Al Masry E.M.; Chandran D.; Pandiselvam R.; Senapathy M.; Dey A.; Deshmukh S.V.; El Sayed Negm M.; Vishvanathan M.; Sathyaseelan S.K.; Viswanathan S.; Mohankumar P.; Lorenzo J.M.	Apple (Malus domestica Borkh.) seed: A review on health promoting bioactivities and its application as functional food ingredient	2022	Food Bioscience	9	10.1016/j.fbio.2022.102155	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142121749&doi=10.1016%2fj.fbio.2022.102155&partnerID=40&md5=da303355dcb696f77f8aea7e42758074	Scopus
Lal M.K.; Sharma N.; Adavi S.B.; Sharma E.; Altaf M.A.; Tiwari R.K.; Kumar R.; Kumar A.; Dey A.; Paul V.; Singh B.; Singh M.P.	From source to sink: mechanistic insight of photoassimilates synthesis and partitioning under high temperature and elevated [CO2]	2022	Plant Molecular Biology	17	10.1007/s11103-022-01274-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130710220&doi=10.1007%2fs11103-022-01274-9&partnerID=40&md5=ecd3cfbe46b6bdc525bde349539cf10f	Scopus
Gupta S.; Biswas M.	Geodynamic quantification of mid-channel bar morphology: A spatio-temporal study	2022	Atlas of Structural Geological and Geomorphological Interpretation of Remote Sensing Images	1	10.1002/9781119813392.ch3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182761602&doi=10.1002%2f9781119813392.ch3&partnerID=40&md5=28582e486daa005891c9b598f782149d	Scopus

Bhattacharjee R.; Jana A.; Nandi A.; Sinha A.; Bhattacharjee A.; Mitra S.; Kar S.; Dey A.; Singh S.K.; Varma R.S.; Panda P.K.; Suar M.; Verma S.K.	Synergy of nanocarriers with CRISPR-Cas9 in an emerging technology platform for biomedical appliances: Current insights and perspectives	2022	Materials and Design	7	10.1016/j.matdes.2022.111415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143505914&doi=10.1016%2fj.matdes.2022.111415&partnerID=40&md5=f7c4ad8abf5cf85199f2d8d11b274544	Scopus
Chandran D.; Nandanagopal V.G.; Gopan M.; Megha K.; Hari Sankar C.R.; Muhammad Aslam M.K.; Savanth V.V.; Pran M.; Nainu F.; Yatoo Md.I.; Ur Rehman M.E.; Chopra H.; Emran T.B.; Dey A.; Sharma A.K.; Saied A.A.; Dhama K.	Major Advances in Monkeypox Vaccine Research and Development – An Update	2022	Journal of Pure and Applied Microbiology	1	10.22207/JPAM.16.SPL1.08	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150827587&doi=10.22207%2fJPAM.16.SPL1.08&partnerID=40&md5=f56769c417f246e70fe9c5d30a6396e8	Scopus
Bhattacharjee C.; Mukhopadhyay A.	Generation of fluorescent HCV pseudoparticles to study early viral entry events- involvement of Rab1a in HCV entry	2022	VirusDisease	1	10.1007/s13337-022-00770-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134246250&doi=10.1007%2fs13337-022-00770-2&partnerID=40&md5=8010b3920bb200d0801e2330a0f1dd80	Scopus

Ahuja A.; Tyagi P.K.; Kumar M.; Sharma N.; Prakash S.; Radha; Chandran D.; Dhumal S.; Rais N.; Singh S.; Dey A.; Senapathy M.; Saleena L.A.K.; Shanavas A.; Mohankumar P.; Rajalingam S.; Murugesan Y.; Vishvanathan M.; Sathyaseelan S.K.; Viswanathan S.; Kumar K.K.; Natta S.; Mekhemar M.	Botanicals and Oral Stem Cell Mediated Regeneration: A Paradigm Shift from Artificial to Biological Replacement	2022	Cells	1	10.3390/cells11182792	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138329290&doi=10.3390%2fcells11182792&partnerID=40&md5=c99f281bac232a3dfe20f86f8ba26426	Scopus
Renu K.; Mukherjee A.G.; Wanjari U.R.; Vinayagam S.; Veeraraghavan V.P.; Vellingiri B.; George A.; Lagoa R.; Sattu K.; Dey A.; Gopalakrishnan A.V.	Misuse of Cardiac Lipid upon Exposure to Toxic Trace Elements—A Focused Review	2022	Molecules	4	10.3390/molecules27175657	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137569947&doi=10.3390%2fmolecules27175657&partnerID=40&md5=2385360764c77f8080cad0ed3cefcacc	Scopus
Mukerjee N.; Das A.; Jawarkar R.D.; Maitra S.; Das P.; Castrosanto M.A.; Paul S.; Samad A.; Zaki M.E.A.; Al-Hussain S.A.; Masand V.H.; Hasan M.M.; Bukhari S.N.A.; Perveen A.; Alghamdi B.S.; Alexiou A.; Kamal M.A.; Dey A.; Malik S.; Bakal R.L.; Abuzenadah A.M.; Ghosh A.; Md Ashraf G.	Repurposing food molecules as a potential BACE1 inhibitor for Alzheimer's disease	2022	Frontiers in Aging Neuroscience	16	10.3389/fnagi.2022.878276	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137937981&doi=10.3389%2ffnagi.2022.878276&partnerID=40&md5=c7ea03151cfe57f9e747e230ced8550c	Scopus

Mukherjee A.G.; Wanjari U.R.; Bradu P.; Patil M.; Biswas A.; Murali R.; Renu K.; Dey A.; Vellingiri B.; Raja G.; Iyer M.; Valsala Gopalakrishnan A.	Elimination of microplastics from the aquatic milieu: A dream to achieve	2022	Chemosphere	15	10.1016/j.chemosphere.2022.135232	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131927550&doi=10.1016%2fj.chemosphere.2022.135232&partnerID=40&md5=f1c7b9335bc9d969f518170885f6df44	Scopus
Renu K.; Vinayagam S.; Veeraraghavan V.P.; Mukherjee A.G.; Wanjari U.R.; Prabakaran D.S.; Ganesan R.; Dey A.; Vellingiri B.; Kandasamy S.; Ramanathan G.; Doss C G.P.; George A.; Gopalakrishnan A.V.	Molecular Crosstalk between the Immunological Mechanism of the Tumor Microenvironment and Epithelial–Mesenchymal Transition in Oral Cancer	2022	Vaccines	0	10.3390/vaccines10091490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138607556&doi=10.3390%2fvaccines10091490&partnerID=40&md5=843bb47479d580e6c69fed2e9a2eb2d4	Scopus
Barat S.; Chatterjee R.; Mitra K.	Locating the GeV emission region in the jets of blazars from months time-scale multiwavelength outbursts	2022	Monthly Notices of the Royal Astronomical Society	3	10.1093/mnras/stac1852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137275525&doi=10.1093%2fmnras%2fstac1852&partnerID=40&md5=fbcb3087c54328e93ad7995f037c29c9	Scopus
Sardar M.; Khajanchi S.	Is the allee effect relevant to stochastic cancer model?	2022	Journal of Applied Mathematics and Computing	21	10.1007/s12190-021-01618-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112360492&doi=10.1007%2fs12190-021-01618-6&partnerID=40&md5=6871d9998036c64da4b01aaecbc1ecdb	Scopus
Dewanjee S.; Dua T.K.; Paul P.; Dey A.; Vallamkondu J.; Samanta S.; Kandimalla R.; De Feo V.	Probiotics: Evolving as a Potential Therapeutic Option against Acetaminophen-Induced Hepatotoxicity	2022	Biomedicines	6	10.3390/biomedicines10071498	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134528333&doi=10.3390%2fbiomedicines10071498&partnerID=40&md5=fc34d5a69413dd6f37426e25f6969668	Scopus

Basak U.; Pakhira M.; Sahoo S.; Majumdar S.; Ghosh R.; Kundu J.; Ghosh T.; Ghosh T.; Nandi A.K.; Chatterjee D.P.	Synthesis of PVDF-Based Graft Copolymeric Antifouling Membranes Showing Affinity-Driven Immobilization of Nucleobases	2022	ACS Applied Polymer Materials	2	10.1021/acsapm.2c00702	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136599949&doi=10.1021%2facsapm.2c00702&partnerID=40&md5=b428a72a5b2448faa3243e757ddafd3d	Scopus
Mitra N.; Dey S.	Understanding the catalytic abilities of class IV sirtuin OsSRT1 and its linkage to the DNA repair system under stress conditions	2022	Plant Science	1	10.1016/j.plantsci.2022.111398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135902845&doi=10.1016%2fj.plantsci.2022.111398&partnerID=40&md5=dbb519ebb69e69773f1d56e28948bab6	Scopus
Dwivedi A.; Keval R.; Khajanchi S.	Modeling optimal vaccination strategy for dengue epidemic model: A case study of India	2022	Physica Scripta	20	10.1088/1402-4896/ac807b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135034997&doi=10.1088%2f1402-4896%2fac807b&partnerID=40&md5=63e7abfaa5d0735d919089c1adab964b	Scopus
Atia G.A.N.; Shalaby H.K.; Zehravi M.; Ghobashy M.M.; Attia H.A.N.; Ahmad Z.; Khan F.S.; Dey A.; Mukerjee N.; Alexiou A.; Rahman M.H.; Klepacka J.; Najda A.	Drug-Loaded Chitosan Scaffolds for Periodontal Tissue Regeneration	2022	Polymers	11	10.3390/polym14153192	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137110678&doi=10.3390%2fpolym14153192&partnerID=40&md5=30efee8343f6723e783ee3d3048c64dc	Scopus
Nag A.; Verma P.; Paul S.; Kundu R.	In Silico Analysis of the Apoptotic and HPV Inhibitory Roles of Some Selected Phytochemicals Detected from the Rhizomes of Greater Cardamom	2022	Applied Biochemistry and Biotechnology	13	10.1007/s12010-022-04006-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131586223&doi=10.1007%2fs12010-022-04006-3&partnerID=40&md5=2694883fcf778d947cd6f4ff11960e44	Scopus

Biswas P.; Anand U.; Ghorai M.; Pandey D.K.; Jha N.K.; Behl T.; Kumar M.; Chauhan R.; Shekhawat M.S.; Dey A.	Unraveling the promise and limitations of CRISPR/Cas system in natural product research: Approaches and challenges	2022	Biotechnology Journal	12	10.1002/biot.202100507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124490412&doi=10.1002%2fbiot.202100507&partnerID=40&md5=d3f92f12454bf10a6b980338ef651b16	Scopus
Li Y.; Zhou Y.; Marchesoni F.; Ghosh P.K.	Colloidal clustering and diffusion in a convection cell array	2022	Soft Matter	5	10.1039/d2sm00500j	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132341637&doi=10.1039%2fd2sm00500j&partnerID=40&md5=0d78d2a962cc5c58e35ec3639570c712	Scopus
Al-Tawaha A.R.M.S.; Odat N.; Benkeblia N.; Kerkoub N.; Labidi Z.; Boumendjel M.; Nasri H.; Imran; Amanullah; Khalid S.; Al-Tawaha A.R.; Bayanati M.; Alatrash H.; Dey A.; Thangadurai D.; Sangeetha J.; Islam S.	Breeding crops for tolerance to salinity, heat, and drought	2022	Climate Change and Agriculture: Perspectives, Sustainability and Resilience	0	10.1002/9781119789789.ch5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147935212&doi=10.1002%2f9781119789789.ch5&partnerID=40&md5=5074a1f1bc04f99880bfaab2ed4388fe	Scopus
Bhattacharjee R.; Kumar L.; Dhasmana A.; Mitra T.; Dey A.; Malik S.; Kim B.; Gundamaraju R.	Governing HPV-related carcinoma using vaccines: Bottlenecks and breakthroughs	2022	Frontiers in Oncology	5	10.3389/fonc.2022.977933	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139200546&doi=10.3389%2ffonc.2022.977933&partnerID=40&md5=fa72a0fe0af4e1a4f6a14f855c6e39aa	Scopus
Mondal A.; Das S.; Samanta J.; Chakraborty S.; sengupta A.	YAP1 induces hyperglycemic stress-mediated cardiac hypertrophy and fibrosis in an AKT-FOXM1 dependent signaling pathway	2022	Archives of Biochemistry and Biophysics	8	10.1016/j.abb.2022.109198	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127367646&doi=10.1016%2fj.abb.2022.109198&partnerID=40&md5=ba5a22d22ea4834636683708da5e45f4	Scopus

Datta A.; Acharyya M.	Modeling the spread of an epidemic in presence of vaccination using cellular automata	2022	International Journal of Modern Physics C	0	10.1142/S0129183122500942	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123955647&doi=10.1142%2fS0129183122500942&partnerID=40&md5=55e841309f21e2c76e392dbc00cea5f1	Scopus
Rajguru G.; Chatterjee R.	Moderate correlation between the accretion disk and jet power in a large sample of Fermi blazars	2022	Physical Review D	2	10.1103/PhysRevD.106.063001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138185246&doi=10.1103%2fPhysRevD.106.063001&partnerID=40&md5=fbbedfe750999c4b7116a2adf45f3c51	Scopus
Manokari M.; Badhepuri M.K.; Cokulraj M.; Rajput B.S.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	High-throughput in vitro propagation and evaluation of foliar micro-morpho-anatomical stability in Musa acuminata cv. 'Grand Nain' using 6-benzoyladenine (BOA) in the nutrient medium	2022	Scientia Horticulturae	5	10.1016/j.scienta.2022.111334	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134639984&doi=10.1016%2fj.scienta.2022.111334&partnerID=40&md5=dc26cc1cc0995cd0a4aa5c9c1fcb1eb8	Scopus
Pathak P.; Ghosh P.; Mukherjee A.; Ghosal U.; Liang M.-C.; Sikdar P.K.; Kaushal R.	Impact of differential surface water mixing on seasonal arsenic mobilization in shallow aquifers of Nadia district; western Bengal Basin, India	2022	Journal of Hydrology	4	10.1016/j.jhydrol.2022.128270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129253898&doi=10.1016%2fj.jhydrol.2022.128270&partnerID=40&md5=ad8fb06cf6a8a16f14c86e00a4016e0e	Scopus
Acharyya M.	Rodlike Heisenberg nanomagnet driven by propagating magnetic field: Nonequilibrium phase transition	2022	International Journal of Modern Physics C	0	10.1142/S0129183122501297	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129032949&doi=10.1142%2fS0129183122501297&partnerID=40&md5=c12ca50a8c2ab5354c4a29ec325898f8	Scopus
Mukherji S.; Bakshi U.; Ghosh A.	Draft genome sequences of hydrocarbon degrading Haloferax sp. AB510, Haladaptatus sp. AB618 and Haladaptatus sp. AB643 isolated from the estuarine sediments of Sundarban mangrove forests, India	2022	3 Biotech	0	10.1007/s13205-022-03273-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135451651&doi=10.1007%2fs13205-022-03273-5&partnerID=40&md5=3353beb889ee8b0b9160fd305d18dd1b	Scopus

Anand U.; Vaishnav A.; Sharma S.K.; Sahu J.; Ahmad S.; Sunita K.; Suresh S.; Dey A.; Bontempi E.; Singh A.K.; Proćków J.; Shukla A.K.	Current advances and research prospects for agricultural and industrial uses of microbial strains available in world collections	2022	Science of the Total Environment	14	10.1016/j.scitotenv.2022.156641	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132938431&doi=10.1016%2fj.scitotenv.2022.156641&partnerID=40&md5=de5148ff7383dd405b7856158ac699bf	Scopus
Sarkar P.; Malik S.; Banerjee A.; Datta C.; Pal D.K.; Ghosh A.; Saha A.	Differential Microbial Signature Associated With Benign Prostatic Hyperplasia and Prostate Cancer	2022	Frontiers in Cellular and Infection Microbiology	6	10.3389/fcimb.2022.894777	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134254974&doi=10.3389%2ffcimb.2022.894777&partnerID=40&md5=bf7f5a60f88b361a6a550bfcd7ed47c7	Scopus
Dutta P.; Sengupta A.; Chakraborty S.	Epigenetics: a new warrior against cardiovascular calcification, a forerunner in modern lifestyle diseases	2022	Environmental Science and Pollution Research	3	10.1007/s11356-021-15718-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116248635&doi=10.1007%2fs11356-021-15718-0&partnerID=40&md5=bad1f08295766406f387eb03c745e041	Scopus
Sarkar K.; Khajanchi S.; Mali P.C.	A Delayed Eco-Epidemiological Model with Weak Allee Effect and Disease in Prey	2022	International Journal of Bifurcation and Chaos	12	10.1142/S0218127422501220X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133469594&doi=10.1142%2fS021812742250122X&partnerID=40&md5=e9abfccb1159e28bebc794ab4928f3f7	Scopus
Mukherjee A.G.; Wanjari U.R.; Namachivayam A.; Murali R.; Prabakaran D.S.; Ganesan R.; Renu K.; Dey A.; Vellingiri B.; Ramanathan G.; Doss C G.P.; Gopalakrishnan A.V.	Role of Immune Cells and Receptors in Cancer Treatment: An Immunotherapeutic Approach	2022	Vaccines	5	10.3390/vaccines10091493	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138601317&doi=10.3390%2fvaccines10091493&partnerID=40&md5=6a1cf6fc58facd1f3b7305d85e22df1b	Scopus

Mukherjee S.S.; Chowdhury A.; Ghoshal S.; Pramanik B.	The effect of mild dynamic exercise on the electromechanical systole of heart in non-athlete, healthy first year medical students of Bengal as a predictive biomarker of arrhythmia	2022	Biomedicine (India)	0	10.51248/.v42i3.1399	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133886319&doi=10.51248%2f.v42i3.1399&partnerID=40&md5=2a8d87976187d507f7407ea9d5cd194c	Scopus
Famurewa A.C.; Mukherjee A.G.; Wanjari U.R.; Sukumar A.; Murali R.; Renu K.; Vellingiri B.; Dey A.; Valsala Gopalakrishnan A.	Repurposing FDA-approved drugs against the toxicity of platinum-based anticancer drugs	2022	Life Sciences	13	10.1016/j.lfs.2022.120789	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134291441&doi=10.1016%2fj.lfs.2022.120789&partnerID=40&md5=82acde3a0a4bd3d2741217c693778a28	Scopus
Banik A.; Ashraf M.A.; Govindan G.; Arasu M.V.	Editorial: Plant-growth promoting microbes: A Green approach to enhance crop productivity	2022	Frontiers in Agronomy	1	10.3389/fagro.2022.991329	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136527998&doi=10.3389%2ffagro.2022.991329&partnerID=40&md5=75761bb525c8553ec6d4407741ff5788	Scopus
Shil A.; Banerjee A.; Maji B.K.; Bishayi B.; Sikdar (ne'e Bhakta) M.	Multiple antibiotic resistant Staphylococcus aureus induced hepatocellular anomaly: A possible amelioration by Catharanthus roseus (L.) G.Don	2022	South African Journal of Botany	2	10.1016/j.sajb.2022.05.014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130353648&doi=10.1016%2fj.sajb.2022.05.014&partnerID=40&md5=8fe40ece214d7c0fe6a5230e4be370d5	Scopus
Kumar M.; Kapoor S.; Dhumal S.; Tkaczewska J.; Changan S.; Saurabh V.; Mekhemar M.; Radha; Rais N.; Satankar V.; Pandiselvam R.; Sayed A.A.S.; Senapathy M.; Anitha T.; Singh S.; Tomar M.; Dey A.; Zengin G.; Amarowicz R.; Jyoti Bhuyan D.	Guava (Psidium guajava L.) seed: A low-volume, high-value byproduct for human health and the food industry	2022	Food Chemistry	18	10.1016/j.foodchem.2022.132694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126705618&doi=10.1016%2fj.foodchem.2022.132694&partnerID=40&md5=443200f8ef6f1b665ff2ca13cfa64b5d	Scopus

Debnath S.; Maiti A.; Naskar P.; Banerjee A.	Rechargeable Manganese Dioxide−Zinc Batteries: A Review Focusing on Challenges and Optimization Strategies under Alkaline and Mild Acidic Electrolyte Media	2022	ChemNanoMat	5	10.1002/cnma.202200261	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135747890&doi=10.1002%2fcnma.202200261&partnerID=40&md5=08ac0a605b2385abf80b62924e1ea439	Scopus
Dey A.; Roy D.; Mohture V.M.; Ghorai M.; Rahman M.H.; Anand U.; Dewanjee S.; Radha; Kumar M.; Prasanth D.A.; Jha N.K.; Jha S.K.; Shekhawat M.S.; Pandey D.K.	Biotechnological interventions and indole alkaloid production in Rauvolfia serpentina	2022	Applied Microbiology and Biotechnology	7	10.1007/s00253-022-12040-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134264417&doi=10.1007%2fs00253-022-12040-8&partnerID=40&md5=1f6e8530368ed9233dd24e78fa684cdb	Scopus
Vellingiri B.; Chandrasekhar M.; Sri Sabari S.; Gopalakrishnan A.V.; Narayanasamy A.; Venkatesan D.; Iyer M.; Kesari K.; Dey A.	Neurotoxicity of pesticides – A link to neurodegeneration	2022	Ecotoxicology and Environmental Safety	30	10.1016/j.ecoenv.2022.113972	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136312249&doi=10.1016%2fj.ecoenv.2022.113972&partnerID=40&md5=dc144a9f7c98115bc07571b6f30f10bd	Scopus
Radha; Prakash S.; Sharma N.; Kumar A.; Kumari N.; Puri S.; Pundir A.; Kumar V.; Sharma A.K.; Rais N.; Dey A.; Lorenzo J.M.; Mekhemar M.; Kumar M.	A survey on ethnoveterinary medicines used by the tribal migratory shepherds of Northwestern Himalaya	2022	Journal of Ethnopharmacology	4	10.1016/j.jep.2022.115467	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133591286&doi=10.1016%2fj.jep.2022.115467&partnerID=40&md5=ec2f746598999a2478432374aed4563f	Scopus
Bera S.; Khajanchi S.; Roy T.K.	Dynamics of an HTLV-I infection model with delayed CTLs immune response	2022	Applied Mathematics and Computation	32	10.1016/j.amc.2022.127206	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131048332&doi=10.1016%2fj.amc.2022.127206&partnerID=40&md5=77e9ba8a38dd6964bf8d04d2497f5bf3	Scopus

Mondal J.; Khajanchi S.; Samui P.	Impact of media awareness in mitigating the spread of an infectious disease with application to optimal control	2022	European Physical Journal Plus	8	10.1140/epjp/s13360-022-03156-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137240411&doi=10.1140%2fepjp%2fs13360-022-03156-x&partnerID=40&md5=1a2422c2bc718c12ffb176689be31114	Scopus
Chakraborty P.; Das S.S.; Dey A.; Chakraborty A.; Bhattacharyya C.; Kandimalla R.; Mukherjee B.; Gopalakrishnan A.V.; Singh S.K.; Kant S.; Nand P.; Ojha S.; Kumar P.; Jha N.K.; Jha S.K.; Dewanjee S.	Quantum dots: The cutting-edge nanotheranostics in brain cancer management	2022	Journal of Controlled Release	16	10.1016/j.jconrel.2022.08.047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137173332&doi=10.1016%2fj.jconrel.2022.08.047&partnerID=40&md5=89b8275df24fac62c5fdf00b0621f660	Scopus
Al-Tawaha A.R.M.S.; Vyas P.; Karnwal A.; Benkeblia N.; Sanmukh S.G.; Serra E.T.; Imran; Amanullah; Khalid S.; Al-Tawaha A.R.; Dey A.; Alimad N.; Thangadurai D.; Sangeetha J.; Islam S.; Shatnawi M.	Biological nitrogen fixation in nonlegume plants and changing climate	2022	Climate Change and Agriculture: Perspectives, Sustainability and Resilience	0	10.1002/9781119789789.ch10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147954493&doi=10.1002%2f9781119789789.ch10&partnerID=40&md5=801fe1d76642a4807b5ceb323ff6965b	Scopus

Kumari N.; Radha; Kumar M.; Mekhemar M.; Lorenzo J.M.; Pundir A.; Devi K.B.; Prakash S.; Puri S.; Thakur M.; Rathour S.; Rais N.; Jamwal R.; Kumar A.; Dhumal S.; Singh S.; Senapathy M.; Dey A.; Chandran D.; Amarowicz R.; Andrade-Cetto A.	Therapeutic uses of wild plant species used by rural inhabitants of Kangra in the western Himalayan region	2022	South African Journal of Botany	17	10.1016/j.sajb.2022.05.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130169007&doi=10.1016%2fj.sajb.2022.05.004&partnerID=40&md5=25d6a182191b1ed13a0ccdbf77225027	Scopus
Singh R.	My Elegant Toes	2022	Economic and Political Weekly	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134160864&partnerID=40&md5=7d336ef2d338cc5791a270e7ec23bda5	Scopus
Saha H.K.; Mallick D.; Das S.	Unveiling two antiaromatic s-indacenodicarbazole isomers with tunable paratropicity	2022	Chemical Communications	5	10.1039/d2cc02318k	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134621882&doi=10.1039%2fd2cc02318k&partnerID=40&md5=c49bbd71608ffba5c0058b91218021ca	Scopus
Bhanja R.; Roychowdhury K.	A MULTI-CRITERIA GIS BASED ANALYTICAL HIERARCHICAL APPROACH FOR SOLAR PHOTOVOLTAIC FARM SITE SELECTION IN THE KOLKATA METROPOLITAN AREA, INDIA	2022	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	0	10.5194/isprs-archives-XLVIII-4-W5-2022-31-2022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140605683&doi=10.5194%2fisprs-archives-XLVIII-4-W5-2022-31-2022&partnerID=40&md5=8f6a54dca88e937aae89b7585249c00b	Scopus
Ghosh R.; Jawed J.J.; Roy N.; Mandal S.; Majumdar S.B.; Majumdar S.	Regulatory role of Transcription factor-EB (TFEB) in parasite control through alteration of antigen presentation in visceral leishmaniasis	2022	Experimental Parasitology	0	10.1016/j.exppara.2022.108286	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132923170&doi=10.1016%2fj.exppara.2022.108286&partnerID=40&md5=c85b29e605bd76b7828c8d6087a7ae90	Scopus

Al-Tawaha A.R.M.S.; Mrabet R.; Bayanati M.; Santhosh B.; Benkeblia N.; Imran; Amanullah; Khalid S.; Al-Tawaha A.R.; Alatrash H.; Jabbour Y.; Dey A.; Thangadurai D.; Sangeetha J.; Islam S.	Role of biotechnology in climate-resilient agriculture	2022	Climate Change and Agriculture: Perspectives, Sustainability and Resilience	0	10.1002/9781119789789.ch4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147955616&doi=10.1002%2f9781119789789.ch4&partnerID=40&md5=7895f756c38b7d607ef759c9d2ea835a	Scopus
Poddar Sarkar M.; Biswas Raha A.; Datta J.; Mitra S.	Chemotaxonomic and evolutionary perspectives of Bryophyta based on multivariate analysis of fatty acid fingerprints of Eastern Himalayan mosses	2022	Protoplasma	4	10.1007/s00709-021-01723-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119172789&doi=10.1007%2fs00709-021-01723-0&partnerID=40&md5=e04ef84ffdf91e658897a4f3eeb23920	Scopus
Kumari N.; Prakash S.; Kumar M.; Radha; Zhang B.; Sheri V.; Rais N.; Chandran D.; Dey A.; Sarkar T.; Dhumal S.; Kumar S.; Mahato D.K.; Vishvanathan M.; Mohankumar P.; Pateiro M.; Lorenzo J.M.	Seed Waste from Custard Apple (Annona squamosa L.): A Comprehensive Insight on Bioactive Compounds, Health Promoting Activity and Safety Profile	2022	Processes	6	10.3390/pr10102119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140840321&doi=10.3390%2fpr10102119&partnerID=40&md5=95ed2a84c8d983f85dd4e7764278fb49	Scopus
Bhattacharya S.	Revisiting Barrow's graduated inflationary universe: A warm perspective	2022	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	0	10.1016/j.physletb.2022.137215	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131431533&doi=10.1016%2fj.physletb.2022.137215&partnerID=40&md5=266cf747aa6e6608ec749db1aa3128b5	Scopus
Ali M.P.; Biswas M.; Clemente-Orta G.; Kabir M.M.M.; Datta J.; Haque S.S.; Qin X.; Landis D.; Kaur P.; Pittendrigh B.R.; Howlader M.T.H.	Landscape diversity influences the arthropod species diversity in the rice field	2022	Frontiers in Environmental Science	2	10.3389/fenvs.2022.740287	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140357787&doi=10.3389%2ffenvs.2022.740287&partnerID=40&md5=fcdd4d21aa2a6f267881ada6bf33cd4a	Scopus

Hudait M.; Patel P.P.	Site suitability assessment for traditional betel vine cultivation and crop acreage expansion in Tamluk Subdivision of Eastern India using AHP-based multi-criteria decision making approach	2022	Computers and Electronics in Agriculture	3	10.1016/j.compag.2022.107220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134666496&doi=10.1016%2fj.compag.2022.107220&partnerID=40&md5=b7497ec5a2550a3a005ee4e85f2b5ffc	Scopus
Pakhira M.; Ghosh S.; Ghosh S.; Chatterjee D.P.; Nandi A.K.	Development of poly(vinylidene fluoride) graft random copolymer membrane for antifouling and antimicrobial applications	2022	Journal of Industrial and Engineering Chemistry	3	10.1016/j.jiec.2022.05.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130864829&doi=10.1016%2fj.jiec.2022.05.009&partnerID=40&md5=c35b8c99179dc9bfd7d5d2175bf976c5	Scopus
Pérez de la Lastra J.M.; Anand U.; González-Acosta S.; López M.R.; Dey A.; Bontempi E.; Morales delaNuez A.	Antimicrobial Resistance in the COVID-19 Landscape: Is There an Opportunity for Anti-Infective Antibodies and Antimicrobial Peptides?	2022	Frontiers in Immunology	14	10.3389/fimmu.2022.921483	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132291631&doi=10.3389%2ffimmu.2022.921483&partnerID=40&md5=52107d9d2bd958aab12656973293d3d4	Scopus
Kumar M.; Selvasekaran P.; Kapoor S.; Barbhai M.D.; Lorenzo J.M.; Saurabh V.; Potkule J.; Changan S.; ElKelish A.; Selim S.; Sayed A.A.S.; Radha; Singh S.; Senapathy M.; Pandiselvam R.; Dey A.; Dhumal S.; Natta S.; Amarowicz R.; Kennedy J.F.	Moringa oleifera Lam. seed proteins: Extraction, preparation of protein hydrolysates, bioactivities, functional food properties, and industrial application	2022	Food Hydrocolloids	18	10.1016/j.foodhyd.2022.107791	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133963475&doi=10.1016%2fj.foodhyd.2022.107791&partnerID=40&md5=4a9c62de3f7862a30399ae8d70de9fa2	Scopus

Sanyal R.; Nandi S.; Pandey S.; Das T.; Kaur P.; Konjengbam M.; Kant N.; Rahman M.H.; Mundhra A.; Kher M.M.; Anand U.; Radha; Kumar M.; Jha N.K.; Jha S.K.; Shekhawat M.S.; Pandey D.K.; Dey A.	In vitro propagation and secondary metabolite production in Gloriosa superba L	2022	Applied Microbiology and Biotechnology	2	10.1007/s00253-022-12094-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135755724&doi=10.1007%2fs00253-022-12094-8&partnerID=40&md5=70da418d016d8ba8bcc127e93001efbc	Scopus
Chakraborty R.; Renu K.; Eladl M.A.; El-Sherbiny M.; Elsherbini D.M.A.; Mirza A.K.; Vellingiri B.; Iyer M.; Dey A.; Valsala Gopalakrishnan A.	Mechanism of chromium-induced toxicity in lungs, liver, and kidney and their ameliorative agents	2022	Biomedicine and Pharmacotherapy	50	10.1016/j.biopha.2022.113119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130621009&doi=10.1016%2fj.biopha.2022.113119&partnerID=40&md5=1ecc1fe831b05c1b594f082b6ff2a0cc	Scopus
Behera P.K.; Das S.K.; Ghosh D.; Mani D.; Kalpana M.S.; Ikehara M.; Patel P.P.	Organic biogeochemical study of deeper southeastern Bengal Basin sediments in West Bengal, India	2022	Organic Geochemistry	1	10.1016/j.orggeochem.2022.104451	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132748772&doi=10.1016%2fj.orggeochem.2022.104451&partnerID=40&md5=65a8c2be1e4a4b5a95423adbb5f9ff64	Scopus
Mukherjee A.G.; Wanjari U.R.; Bradu P.; Murali R.; Kannampuzha S.; Loganathan T.; C G.P.D.; Prakash B.P A.; Renu K.; Dey A.; Vellingiri B.; Valsala Gopalakrishnan A.	The crosstalk of the human microbiome in breast and colon cancer: A metabolomics analysis	2022	Critical Reviews in Oncology/Hematology	9	10.1016/j.critrevonc.2022.103757	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134289350&doi=10.1016%2fj.critrevonc.2022.103757&partnerID=40&md5=3e33beacd5b1ca4fc058e6b63760fb03	Scopus

Majhi A.; Patel P.P.; Shaw R.; Mallick K.	R, you correct? The Curious Case of Arnoldus (1977). Response to “Comment on ‘Towards improved USLE-based soil erosion modelling in India: A review of prevalent pitfalls and implementation of exemplar methods’ by Majhi et al. (2021), Earth-Science Reviews 221, 103,786” by Chen and Bezak (2022)	2022	Earth-Science Reviews	3	10.1016/j.earscirev.2022.104096	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133653809&doi=10.1016%2fj.earscirev.2022.104096&partnerID=40&md5=84a09eceb9bd1e6c90d9d348dc0e473d	Scopus
Mondal J.; Khajanchi S.	Mathematical modeling and optimal intervention strategies of the COVID-19 outbreak	2022	Nonlinear Dynamics	46	10.1007/s11071-022-07235-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123886468&doi=10.1007%2fs11071-022-07235-7&partnerID=40&md5=835d30904a437996ee6c82f414b3adc3	Scopus
Mukherjee A.G.; Wanjari U.R.; Prabakaran D.S.; Ganesan R.; Renu K.; Dey A.; Vellingiri B.; Kandasamy S.; Ramesh T.; Gopalakrishnan A.V.	The Cellular and Molecular Immunotherapy in Prostate Cancer	2022	Vaccines	13	10.3390/vaccines10081370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138038756&doi=10.3390%2fvaccines10081370&partnerID=40&md5=ce42a93cca527f32e48e67d16c2fb293	Scopus
Anand U.; Vithanage M.; Rajapaksha A.U.; Dey A.; Varjani S.; Bontempi E.	Inapt management of menstrual hygiene waste (MHW): An urgent global environmental and public health challenge in developed and developing countries	2022	Heliyon	3	10.1016/j.heliyon.2022.e09859	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145797081&doi=10.1016%2fj.heliyon.2022.e09859&partnerID=40&md5=079e3102d38b9130d10b8f760c33c187	Scopus
Maity S.; Guchhait R.; Pramanick K.	Melatonin mediated activation of MAP kinase pathway may reduce DNA damage stress in plants: A review	2022	BioFactors	2	10.1002/biof.1882	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136785984&doi=10.1002%2fbiof.1882&partnerID=40&md5=a57912e6fdf2732978f84205a51cfff0	Scopus

Sarbadhikary S.	Religious Belief through Drum-Sound Experience: Bengal's Devotional Dialectic of the Classical Goddess and Indigenous God	2022	Religions	2	10.3390/rel13080707	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136971776&doi=10.3390%2frel13080707&partnerID=40&md5=17e6c839c0ff1875926eb2f1e6b7c37e	Scopus
Sarbadhikary S.	Unravelling of the Number 16 in Corporeality, Percussion, and the Bengali Hindu Cosmos: The Experience of the Body/Mardanga	2022	Journal of Hindu Studies	0	10.1093/jhs/hiac006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160962652&doi=10.1093%2fjhs%2fhiac006&partnerID=40&md5=3ac47a6c6ecfed3c517837b34666c16d	Scopus
Jangra A.; Verma M.; Kumar D.; Chandrika; Rachamalla M.; Dey A.; Dua K.; Jha S.K.; Ojha S.; Alexiou A.; Kumar D.; Jha N.K.	Targeting endoplasmic reticulum stress using natural products in neurological disorders	2022	Neuroscience and Biobehavioral Reviews	7	10.1016/j.neubiorev.2022.104818	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136083592&doi=10.1016%2fj.neubiorev.2022.104818&partnerID=40&md5=210f9e52965bf9fec4164aa9a887f738	Scopus
Chaudhuri D.; Datta J.; Majumder S.; Giri K.	Prediction of infectivity of SARS-CoV-2 virus based on Spike-hACE-2 interaction	2022	VirusDisease	0	10.1007/s13337-022-00781-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136474784&doi=10.1007%2fs13337-022-00781-z&partnerID=40&md5=5539a8b0fa9f51d21536188b51d273db	Scopus
Guha S.; Bhattacharya S.	Bayesian Modeling of Discrete-Time Point-Referenced Spatio-Temporal Data	2022	Journal of the Indian Institute of Science	0	10.1007/s41745-022-00298-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127226207&doi=10.1007%2fs41745-022-00298-w&partnerID=40&md5=46df87a0a598093f5b7ee3b253877ac1	Scopus
Ray D.; Anand U.; Jha N.K.; Korzeniewska E.; Bontempi E.; Proćków J.; Dey A.	The soil bacterium, Corynebacterium glutamicum, from biosynthesis of value-added products to bioremediation: A master of many trades	2022	Environmental Research	13	10.1016/j.envres.2022.113622	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132874246&doi=10.1016%2fj.envres.2022.113622&partnerID=40&md5=5b63c08f37894a6cbc74b13e7c734a42	Scopus

Sarkar K.; Khajanchi S.	An eco-epidemiological model with the impact of fear	2022	Chaos	9	10.1063/5.0099584	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137074235&doi=10.1063%2f5.0099584&partnerID=40&md5=e1dfcdf3ec08b92d4eb78b725a3734e4	Scopus
Chakraborty A.; Bhattacharjee A.; Brotherton M.S.; Chatterjee R.; Chatterjee S.; Gilbert M.	Radio dichotomy in quasars with H β FWHM greater than 15 000 km s-1	2022	Monthly Notices of the Royal Astronomical Society	1	10.1093/mnras/stac2398	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159789210&doi=10.1093%2fmnras%2fstac2398&partnerID=40&md5=c664ac69b5322fb607af83c5b70e8e99	Scopus
Castrosanto M.A.; Mukerjee N.; Ramos A.R.; Maitra S.; Manuben J.J.P.; Das P.; Malik S.; Hasan M.M.; Alexiou A.; Dey A.; Kamal M.A.; Aljarba N.H.; Alkahtani S.; Ghosh A.	Abetting host immune response by inhibiting rhipicephalus sanguineus Evasin-1: An in silico approach	2022	PLoS ONE	3	10.1371/journal.pone.0271401	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138444670&doi=10.1371%2fjournal.pone.0271401&partnerID=40&md5=b73056fa03d615a0190aa5429b818c38	Scopus
Pyne D.K.; Pramanik S.; Chatterjee S.; Bali S.; Biswas T.; Sengupta S.; Halder A.	Interaction of Aromatic Nitro Compounds and Fluoride Ions with Photoluminescent GO-Ce Nanoparticles: Understanding the Role of Local Environment of Cerium	2022	ChemistrySelect	1	10.1002/slct.202202095	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138732105&doi=10.1002%2fslct.202202095&partnerID=40&md5=68d518856b51a47f651b63ea55f82874	Scopus
Biswas M.; Puniya M.K.; Gogoi M.P.; Dasgupta S.; Mukherjee S.; Kar N.R.	Morphotectonic analysis of petroliferous Barmer rift basin (Rajasthan, India)	2022	Journal of Earth System Science	14	10.1007/s12040-022-01871-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131006523&doi=10.1007%2fs12040-022-01871-8&partnerID=40&md5=72e9a40aa6f2527d5141703a3f9ddace	Scopus

Sharma N.; Radha; Kumar M.; Zhang B.; Kumari N.; Singh D.; Chandran D.; Sarkar T.; Dhumal S.; Sheri V.; Dey A.; Rajalingam S.; Viswanathan S.; Mohankumar P.; Vishvanathan M.; Sathyaseelan S.K.; Lorenzo J.M.	Aegle marmelos (L.) Correa: An Underutilized Fruit with High Nutraceutical Values: A Review	2022	International Journal of Molecular Sciences	7	10.3390/ijms231810889	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138389855&doi=10.3390%2fijms231810889&partnerID=40&md5=3163847c9261d48f47a7ea511ed5cbde	Scopus
Tapadar P.; Pal A.; Ghosal N.; Dutta S.; Pal R.	Reactive oxygen species-dependent upregulation of death receptor, tumor necrosis factor receptor 1, is responsible for theophylline-mediated cytotoxicity in MDA-MB-231 breast cancer cells	2022	Anti-Cancer Drugs	0	10.1097/CAD.0000000000001322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136842419&doi=10.1097%2fCAD.0000000000001322&partnerID=40&md5=fa750bb910ef4031a2114d7b5e7ffab8	Scopus
Al-Tawaha A.R.M.S.; Khanum S.; Benkeblia N.; Amanullah; Imran; Khalid S.; Al-Tawaha A.R.; Mondal M.; Odat N.; Dey A.; Alimad N.; Thangadurai D.; Sangeetha J.; Islam S.; Shatnawi M.	Adapting crops to climate change	2022	Climate Change and Agriculture: Perspectives, Sustainability and Resilience	1	10.1002/9781119789789.ch3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147920725&doi=10.1002%2f9781119789789.ch3&partnerID=40&md5=bbd67f73fa1f7325204f472cf43814f6	Scopus
Raha A.; Biswas M.	Quaternary alluvial fan dynamics of the Jaldhaka basin	2022	Journal of Mountain Science	3	10.1007/s11629-021-7005-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136984610&doi=10.1007%2fs11629-021-7005-y&partnerID=40&md5=e391f81e620a4ce79e5dc527a670e63a	Scopus

Kumar M.; Hasan M.; Choyal P.; Tomar M.; Gupta O.P.; Sasi M.; Changan S.; Lorenzo J.M.; Singh S.; Sampathrajan V.; Dhumal S.; Pandiselvam R.; Sharma K.; Satankar V.; Waghmare R.; Senapathy M.; Sayed A.A.S.; Radha; Dey A.; Amarowicz R.; Kennedy J.F.	Cottonseed feedstock as a source of plant-based protein and bioactive peptides: Evidence based on biofunctionalities and industrial applications	2022	Food Hydrocolloids	11	10.1016/j.foodhyd.2022.107776	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130178046&doi=10.1016%2fj.foodhyd.2022.107776&partnerID=40&md5=e78f1d0cf499321d21cae8aed6264ad6	Scopus
Roy H.; Das S.; Faroque A.R.; Gupta V.; Gani M.O.	Impacts of COVID-19 pandemic on ecosystem services at UNESCO world heritage site, sundarbans: A viewpoint on India and Bangladesh	2022	Management of Tourism Ecosystem Services in a Post Pandemic Context: Global Perspectives	2	10.4324/b23145-16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138525992&doi=10.4324%2fb23145-16&partnerID=40&md5=0de13edecafd7cbda6c7122d28cd1442	Scopus
Lal M.K.; Sharma E.; Tiwari R.K.; Devi R.; Mishra U.N.; Thakur R.; Gupta R.; Dey A.; Lal P.; Kumar A.; Altaf M.A.; Sahu D.N.; Kumar R.; Singh B.; Sahu S.K.	Nutrient-Mediated Perception and Signalling in Human Metabolism: A Perspective of Nutrigenomics	2022	International Journal of Molecular Sciences	5	10.3390/ijms231911305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139941849&doi=10.3390%2fijms231911305&partnerID=40&md5=5bcfcbfa53f3e03313f4d5f69fe9d9cd	Scopus
Dhar R.; Mukherjee D.; Mukerjee N.; Devi A.; Dey A.; Ghosh A.	Exosome based theranostic approaches in breast cancer, a new answer of Indian breast cancer-associated health crisis – Correspondence	2022	International Journal of Surgery	2	10.1016/j.ijsu.2022.106886	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137402310&doi=10.1016%2fj.ijsu.2022.106886&partnerID=40&md5=096e641eae3d92b56da44e0fae5c3557	Scopus

Nath S.; Ghosh N.; Ansari T.A.; Mundhra A.; Patil M.T.; Mane A.; Gopalakrishnan A.V.; Rahman M.H.; Kumar M.; Radha; Ghorai M.; Paul S.; Dey A.	Genetic diversity assessment and biotechnological aspects in Aristolochia spp.	2022	Applied Microbiology and Biotechnology	4	10.1007/s00253-022-12152-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138214730&doi=10.1007%2fs00253-022-12152-1&partnerID=40&md5=d12b4607c9152f3cfb49534750890ece	Scopus
Mondal R.; Mukhopadhyay A.; Chattopadhyay A.; Bandyopadhyay A.; Mukhopadhyay P.K.	Ovarian follicular atresia and uterine toxicity after subchronic oral exposure of postpubertal rats to sodium arsenite	2022	Comparative Clinical Pathology	2	10.1007/s00580-022-03358-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131332891&doi=10.1007%2fs00580-022-03358-w&partnerID=40&md5=e092d8916229fb653d349bce8adfbba5	Scopus
Ayangla N.W.; Kumar V.; Gupta R.C.; Dey A.; Dwivedi P.; Pandey D.K.	Response surface methodology and artificial neural network modelling for optimization of solid-liquid extraction and rapid HPTLC analysis of glycyrrhizin in Glycyrrhiza glabra root	2022	South African Journal of Botany	4	10.1016/j.sajb.2022.03.045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127775539&doi=10.1016%2fj.sajb.2022.03.045&partnerID=40&md5=f8543d79a491b11f7147296d8f7b3099	Scopus
Bag S.; Mondal A.; Majumder A.; Mondal S.K.; Banik A.	Flavonoid mediated selective cross-talk between plants and beneficial soil microbiome	2022	Phytochemistry Reviews	33	10.1007/s11101-022-09806-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124887401&doi=10.1007%2fs11101-022-09806-3&partnerID=40&md5=00552c86a6621ff1d4f6c907a6071739	Scopus
Kumar R.; Ivy N.; Bhattacharya S.; Dey A.; Sharma P.	Coupled effects of microplastics and heavy metals on plants: Uptake, bioaccumulation, and environmental health perspectives	2022	Science of the Total Environment	68	10.1016/j.scitotenv.2022.155619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129486886&doi=10.1016%2fj.scitotenv.2022.155619&partnerID=40&md5=93b8453e50e6a5763da1b95d8bf79d87	Scopus

Butnariu M.; Quispe C.; Sharifi-Ra J.; Pons-Fuste E.; Lopez-Jorne P.; Zam W.; Das T.; Dey A.; Kumar M.; Pentea M.; Eid A.H.; Umbetova A.; Chen J.-T.	Naturally-Occurring Bioactives in Oral Cancer: Preclinical and Clinical Studies, Bottlenecks and Future Directions	2022	Frontiers in Bioscience - Scholar	11	10.31083/j.fbs1403024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138396493&doi=10.31083%2fj.fbs1403024&partnerID=40&md5=a0bdb9d52690a1ea0c501b901e0972f9	Scopus
Das S.; Mukherjee J.; Bhattacharyya S.; Patel P.P.; Banerjee A.	Detection of groundwater potential zones using analytical hierarchical process (AHP) for a tropical river basin in the Western Ghats of India	2022	Environmental Earth Sciences	6	10.1007/s12665-022-10543-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136033592&doi=10.1007%2fs12665-022-10543-1&partnerID=40&md5=3c35c7caf6370c388de07a0edf12391a	Scopus
Roychowdhury K.; Bhanja R.; Biswas S.	Mapping the research landscape of Covid-19 from social sciences perspective: a bibliometric analysis	2022	Scientometrics	7	10.1007/s11192-022-04447-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133591658&doi=10.1007%2fs11192-022-04447-x&partnerID=40&md5=6072d25f4b85dad8577d6d60657d7db9	Scopus
Abdel Nasser Atia G.; Shalaby H.K.; Zehravi M.; Ghobashy M.M.; Ahmad Z.; Khan F.S.; Dey A.; Rahman M.H.; Joo S.W.; Barai H.R.; Cavalu S.	Locally Applied Repositioned Hormones for Oral Bone and Periodontal Tissue Engineering: A Narrative Review	2022	Polymers	4	10.3390/polym14142964	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137114895&doi=10.3390%2fpolym14142964&partnerID=40&md5=bd8f81b151c5b65427c02766706a1743	Scopus
Rawat R.S.; Bhambri A.; Pal M.; Roy A.; Jain S.; Pillai B.; Konar A.	Early life stressful experiences escalate aggressive behavior in adulthood via changes in transthyretin expression and function	2022	eLife	1	10.7554/eLife.77968	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141462824&doi=10.7554%2feLife.77968&partnerID=40&md5=e7f3e021863c9a1edfd8349ef6552029	Scopus

Husain Z.; Ghosh S.; Dutta M.	Changes in dietary practices of mother and child during the COVID-19 lockdown: Results from a household survey in Bihar, India	2022	Food Policy	5	10.1016/j.foodpol.2022.102372	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139846771&doi=10.1016%2fj.foodpol.2022.102372&partnerID=40&md5=5050ee37ef6e9d3daf7a03ef1eb06674	Scopus
Jorstad S.G.; Marscher A.P.; Raiteri C.M.; Villata M.; Weaver Z.R.; Zhang H.; Dong L.; Gómez J.L.; Perel M.V.; Savchenko S.S.; Larionov V.M.; Carosati D.; Chen W.P.; Kurtanidze O.M.; Marchini A.; Matsumoto K.; Mortari F.; Aceti P.; Acosta-Pulido J.A.; Andreeva T.; Apolonio G.; Arena C.; Arkharov A.; Bachev R.; Banfi M.; Bonnoli G.; Borman G.A.; Bozhilov V.; Carnerero M.I.; Damljanovic G.; Ehgamberdiev S.A.; Elsässer D.; Frasca A.; Gabellini D.; Grishina T.S.; Gupta A.C.; Hagen-Thorn V.A.; Hallum M.K.; Hart M.; Hasuda K.; Hemrich F.; Hsiao H.Y.; Ibryamov S.; Irsmambetova T.R.; Ivanov D.V.; Joner M.D.; Kimeridze G.N.; Klimanov S.A.; Knött J.; Kopatskaya E.N.; Kurtanidze S.O.; Kurtenkov A.; Kuutma T.; Larionova E.G.; Leonini S.; Lin H.C.; Lorey C.; Mannheim	Rapid quasi-periodic oscillations in the relativistic jet of BL Lacertae	2022	Nature	25	10.1038/s41586-022-05038-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137521436&doi=10.1038%2fs41586-022-05038-9&partnerID=40&md5=3acc15d052cc9be39cc4998e216d4190	Scopus

Yadav D.; Agarwal S.; Pancham P.; Jindal D.; Agarwal V.; Dubey P.K.; Jha S.K.; Mani S.; Rachana; Dey A.; Jha N.K.; Kesari K.K.; Singh M.	Probing the Immune System Dynamics of the COVID-19 Disease for Vaccine Designing and Drug Repurposing Using Bioinformatics Tools	2022	Immuno	2	10.3390/immuno2020022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148998979&doi=10.3390%2fimmuno2020022&partnerID=40&md5=98764823cd92ffd577acd7e74d2da1ce	Scopus
Bhattacharjee R.; Dey T.; Kumar L.; Kar S.; Sarkar R.; Ghorai M.; Malik S.; Jha N.K.; Vellingiri B.; Kesari K.K.; Pérez de la Lastra J.M.; Dey A.	Cellular landscaping of cisplatin resistance in cervical cancer	2022	Biomedicine and Pharmacotherapy	27	10.1016/j.biopha.2022.113345	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134709790&doi=10.1016%2fj.biopha.2022.113345&partnerID=40&md5=e1ff267c1f2bb890d2ee67110a7b8e08	Scopus
Biswas S.; Das A.; Saha M.	Generalized Andrásfai Graphs	2022	Discussiones Mathematicae - General Algebra and Applications	0	10.7151/dmgaa.1401	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141739675&doi=10.7151%2fdmgaa.1401&partnerID=40&md5=a20acf1569964ed383d9d1de9f315477	Scopus
Kotal M.; Chakraborty S.; Patel P.P.	Housing for Migrant Workers: A Case Study of Housing Sub-market in Ernakulum District, Kerala	2022	Economic and Political Weekly	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127582641&partnerID=40&md5=f02a31b1a7dee04b6850d40e55245e06	Scopus
Pathak P.; Ghosh P.; Banerjee S.; Chatterjee R.S.; Muzakkira N.; Sikdar P.K.; Ghosal U.; Liang M.-C.; Meeran K.	Relic surface water (clay-pore water) input triggers arsenic release into the shallow groundwater of Bengal aquifers	2022	Journal of Earth System Science	9	10.1007/s12040-022-01819-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126740000&doi=10.1007%2fs12040-022-01819-y&partnerID=40&md5=3899b269cfa6ddc40038f5926a6f4ebc	Scopus

Sapkota Y.; Rahaman R.; Bisoi A.; Adhikari A.; Gupta A.; Das A.; Ghosh H.; Sarkar S.; Pramanik D.; Das S.; Sharma S.; Ray S.; Rajbanshi S.; Dar S.; Nandi S.; Bhattacharya S.; Bhattacharjee T.; Mukherjee G.; Bhattacharyya S.; Samanta S.; Das S.; Chatterjee S.; Raut R.; Ghugre S.S.	Structural evolution and K mixing in V 49	2022	Physical Review C	0	10.1103/PhysRevC.105.044304	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128370859&doi=10.1103%2fPhysRevC.105.044304&partnerID=40&md5=e5c3b1a8bdc4be66a0c5bdac4b5141e3	Scopus
Kolokythas K.; Vaddi S.; O'Sullivan E.; Loubser I.; Babul A.; Raychaudhury S.; Lagos P.; Jarrett T.H.	The Complete Local-Volume Groups Sample - IV. Star formation and gas content in group-dominant galaxies	2022	Monthly Notices of the Royal Astronomical Society	9	10.1093/mnras/stab3699	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133794316&doi=10.1093%2fmnras%2fstab3699&partnerID=40&md5=1bb6af7ea19fe305670cd165a846953f	Scopus
Paul S.; Dey S.; Kundu R.	Seed priming: an emerging tool towards sustainable agriculture	2022	Plant Growth Regulation	16	10.1007/s10725-021-00761-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117881457&doi=10.1007%2fs10725-021-00761-1&partnerID=40&md5=10431e5a3010e946e59da1b97657950b	Scopus
Kumar V.; Ameen F.; Islam M.A.; Agrawal S.; Motghare A.; Dey A.; Shah M.P.; Américo-Pinheiro J.H.P.; Singh S.; Ramamurthy P.C.	Evaluation of cytotoxicity and genotoxicity effects of refractory pollutants of untreated and biomethanated distillery effluent using Allium cepa	2022	Environmental Pollution	23	10.1016/j.envpol.2022.118975	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124571754&doi=10.1016%2fj.envpol.2022.118975&partnerID=40&md5=0c040ee47c99853e43a20d1e8db0e9e8	Scopus

Manokari M.; Badhepuri M.K.; Cokulraj M.; Dey A.; Rajput V.D.; Minkina T.; Shekhawat M.S.	Differential morphometric and micro-morpho-anatomical responses toward types of culture vessels used in micropropagation of Hemidesmus indicus (L.) R. Br.	2022	Plant Cell, Tissue and Organ Culture	4	10.1007/s11240-021-02189-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117908102&doi=10.1007%2fs11240-021-02189-x&partnerID=40&md5=836b00b064a2284e666a67ef9c27c8df	Scopus
Saha T.; Pal P.J.; Banerjee M.	Slow–fast analysis of a modified Leslie–Gower model with Holling type I functional response	2022	Nonlinear Dynamics	8	10.1007/s11071-022-07370-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127722866&doi=10.1007%2fs11071-022-07370-1&partnerID=40&md5=7156bde7ce685902b174cae39678d849	Scopus
Bag S.; Mondal A.; Majumder A.; Banik A.	Tea and its phytochemicals: Hidden health benefits & modulation of signaling cascade by phytochemicals	2022	Food Chemistry	76	10.1016/j.foodchem.2021.131098	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116672999&doi=10.1016%2fj.foodchem.2021.131098&partnerID=40&md5=9792a3ce9a1a2568c76370ba9d05fdea	Scopus
Sain A.; Saha D.	Overlapping A-type and S-type characters in late- to post-tectonic granites – petro-tectonic evolution of late Mesoproterozoic Andhra Konda granite, Nellore Schist Belt, southern India	2022	Journal of Earth System Science	1	10.1007/s12040-022-01889-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131641781&doi=10.1007%2fs12040-022-01889-y&partnerID=40&md5=36ee579dcea412705cca993c22c9489d	Scopus
Paul I.; Poddar Sarkar M.; Bhadoria P.B.S.	Floral secondary metabolites in context of biotic and abiotic stress factors	2022	Chemoecology	13	10.1007/s00049-021-00366-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119600606&doi=10.1007%2fs00049-021-00366-0&partnerID=40&md5=79538735faeaaea3d36310f1015c029e	Scopus

Yadav P.; Chakraborty A.; Srivastava S.; Sahani S.; Singh P.	Phytoremediation: A sustainable technology for pollution control and environmental cleanup	2022	Innovative Bio-Based Technologies for Environmental Remediation	2	10.1201/9781003004684-12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127995219&doi=10.1201%2f9781003004684-12&partnerID=40&md5=405ed06837193f30ca227086e9019ab5	Scopus
Kumar M.; Prakash S.; Radha; Lorenzo J.M.; Chandran D.; Dhumal S.; Dey A.; Senapathy M.; Rais N.; Singh S.; Kalkreuter P.; Damale R.D.; Natta S.; Vishvanathan M.; Sathyaseelan S.K.; Rajalingam S.; Viswanathan S.; Murugesan Y.; Muthukumar M.; Jayaraman A.; Kalirajan M.; Selim S.; Amarowicz R.; Mekhemar M.	Apitherapy and Periodontal Disease: Insights into In Vitro, In Vivo, and Clinical Studies	2022	Antioxidants	10	10.3390/antiox11050823	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128731046&doi=10.3390%2fantiox11050823&partnerID=40&md5=237bd8d58189ef45c8b5b2d565a6bc76	Scopus
Chandrashekharaiah P.S.; Gupte Y.; Sarkar P.; Prasad S.; Sanyal D.; Dasgupta S.; Banik A.	Algae-bacterial aquaculture can enhance heavy metals (Pb2+ and Cd2+) remediation and water re-use efficiency of synthetic streams	2022	Resources, Conservation and Recycling	12	10.1016/j.resconrec.2022.106211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124239155&doi=10.1016%2fj.resconrec.2022.106211&partnerID=40&md5=ace008f3d1bec08816365b4840adc7ee	Scopus
Hazra T.; Hazra M.; Spicer R.A.; Spicer T.E.V.; Mahato S.; Bera S.; Kumar S.; Ali Khan M.	Pliocene Albizia (Fabaceae) from Jharkhand, eastern India: reappraisal of its biogeography during the Cenozoic in Southeast Asia	2022	Palaeoworld	5	10.1016/j.palwor.2021.03.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106206142&doi=10.1016%2fj.palwor.2021.03.004&partnerID=40&md5=ad951a7a065fb7f3c2af290fd79374b3	Scopus

Nandy T.; Saha A.; Mandal S.; Chatterjee M.	Diel and Tidal Variations of Larvae and Juveniles of Metapenaeus dobsoni from Sundarbans Estuarine System, India	2022	Thalassas	0	10.1007/s41208-021-00337-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112652372&doi=10.1007%2fs41208-021-00337-w&partnerID=40&md5=24779dad49e0db2d82c6cd4bef55de94	Scopus
Abdalla E.; Abellán G.F.; Aboubrahim A.; Agnello A.; Akarsu Ö.; Akrami Y.; Alestas G.; Aloni D.; Amendola L.; Anchordoqui L.A.; Anderson R.I.; Arendse N.; Asgari M.; Ballardini M.; Barger V.; Basilakos S.; Batista R.C.; Battistelli E.S.; Battye R.; Benetti M.; Benisty D.; Berlin A.; de Bernardis P.; Berti E.; Bidenko B.; Birrer S.; Blakeslee J.P.; Boddy K.K.; Bom C.R.; Bonilla A.; Borghi N.; Bouchet F.R.; Braglia M.; Buchert T.; Buckley-Geer E.; Calabrese E.; Caldwell R.R.; Camarena D.; Capozziello S.; Casertano S.; Chen G.C.-F.; Chluba J.; Chen A.; Chen H.-Y.; Chudaykin A.; Cicoli M.; Copi C.J.; Courbin F.; Cyr-Racine F.-Y.; Czerny B.; Dainotti M.; D'Amico G.; Davis A.-C.; de Cruz Pérez J.; de Haro J.; Delabrouille J.; Denton P.B.; Dhawan S.; Dienes K.R.; Di Valentino E.;	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies	2022	Journal of High Energy Astrophysics	434	10.1016/j.jheap.2022.04.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129606168&doi=10.1016%2fj.jheap.2022.04.002&partnerID=40&md5=57e71e63de15efeb9a7c63250b1ebdbf	Scopus

Bhowmik M.; Mandal S.; Tripathy S.C.	Benthic biome of the southern ocean: Present state of knowledge and future perspectives	2022	Systems Biogeochemistry of Major Marine Biomes	0	10.1002/9781119554356.ch10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149853184&doi=10.1002%2f9781119554356.ch10&partnerID=40&md5=49384f885564bd15c797d2aa70ea4303	Scopus
Sadia Y.; Dalla Torre E.G.; Rajak A.	From prethermalization to chaos in periodically driven coupled rotors	2022	Physical Review B	3	10.1103/PhysRevB.105.184302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130412063&doi=10.1103%2fPhysRevB.105.184302&partnerID=40&md5=20ce9b98ebdc3ee4cc0d896e2f2a407d	Scopus
Liu W.; Anchordoqui L.A.; Valentino E.D.; Pan S.; Wu Y.; Yang W.	Constraints from high-precision measurements of the cosmic microwave background: The case of disintegrating dark matter with Λ or dynamical dark energy	2022	Journal of Cosmology and Astroparticle Physics	6	10.1088/1475-7516/2022/02/012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125733986&doi=10.1088%2f1475-7516%2f2022%2f02%2f012&partnerID=40&md5=e4dd6685ea9d1029288c4b4e84c7f0bb	Scopus
Sharma K.; Kumar M.; Waghmare R.; Suhag R.; Gupta O.P.; Lorenzo J.M.; Prakash S.; Radha; Rais N.; Sampathrajan V.; Thappa C.; Anitha T.; Sayed A.A.S.; Abdel-Wahab B.A.; Senapathy M.; Pandiselvam R.; Dey A.; Dhumal S.; Amarowicz R.; Kennedy J.F.	Moringa (Moringa oleifera Lam.) polysaccharides: Extraction, characterization, bioactivities, and industrial application	2022	International Journal of Biological Macromolecules	43	10.1016/j.ijbiomac.2022.04.047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128486590&doi=10.1016%2fj.ijbiomac.2022.04.047&partnerID=40&md5=be47c4d0d31a4be1f06d46ff0614a3ea	Scopus
Das A.	On neighborhood graphs: Domination, coloring and other properties	2022	Discrete Mathematics, Algorithms and Applications	1	10.1142/S1793830921501330	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106161046&doi=10.1142%2fS1793830921501330&partnerID=40&md5=a0d2405062b474b66433544ba3189dde	Scopus

Ray P.; Pai H.; Ali S.; Mukherjee A.; Rajbanshi S.; Chakraborty S.; Bhattacharya S.; Banik R.; Nandi S.; Bhattacharyya S.; Mukherjee G.; Bhattacharya C.; Gangopadhyay G.; Samanta S.; Das S.; Chatterjee S.; Raut R.; Ghugre S.S.; Srivastava P.C.; Jehangir S.; Bhoy B.; Rather N.; Bhat G.H.; Sheikh J.A.; Goswami A.	Three-phonon multiplets in 116Sn	2022	Nuclear Physics A	1	10.1016/j.nuclphysa.2021.122375	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121279881&doi=10.1016%2fj.nuclphysa.2021.122375&partnerID=40&md5=56cf7ffa96007d4b3d8e674f5356994e	Scopus
Bolotin Y.L.; Cherkaskiy V.A.; Konchatnyi M.I.; Pan S.; Yang W.	Do current observations support transient acceleration of our universe?	2022	International Journal of Modern Physics D	1	10.1142/S0218271822500365	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126003756&doi=10.1142%2fS0218271822500365&partnerID=40&md5=2caca7e28e4a9db3e8ba46b11503b621	Scopus
Banerjee S.; Lo W.-C.; Majumder P.; Roy D.; Ghorai M.; Shaikh N.K.; Kant N.; Shekhawat M.S.; Gadekar V.S.; Ghosh S.; Bursal E.; Alrumaihi F.; Dubey N.K.; Kumar S.; Iqbal D.; Alturaiki W.; Upadhye V.J.; Jha N.K.; Dey A.; Gundamaraju R.	Multiple roles for basement membrane proteins in cancer progression and EMT	2022	European Journal of Cell Biology	23	10.1016/j.ejcb.2022.151220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127104865&doi=10.1016%2fj.ejcb.2022.151220&partnerID=40&md5=2823af81040930f00fec007e4bb82ba3	Scopus

Bajpayee S.; Das B.	Speciation in Chloroform + Diisopropyl Ether Binaries in the Light of the Ideal Associated Solution Model Using Viscometric Data	2022	Journal of Solution Chemistry	0	10.1007/s10953-022-01142-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123105785&doi=10.1007%2fs10953-022-01142-6&partnerID=40&md5=1fd830d030b7722af2df5f6b29b726d0	Scopus
Kumari P.; Kaur P.; Kumar V.; Pandey B.; Nazir R.; Katoch K.; Dwivedi P.; Dey A.; Pandey D.K.	Response surface methodology and artificial neural network modeling for optimization of ultrasound-assisted extraction and rapid HPTLC analysis of asiaticoside from Centella asiatica	2022	Industrial Crops and Products	10	10.1016/j.indcrop.2021.114320	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120914489&doi=10.1016%2fj.indcrop.2021.114320&partnerID=40&md5=ac7994c23d54a8d9cedf166d1945d956	Scopus
Deb G.K.; Ray A.	Deformation of the Shillong Group rocks, Shillong Basin, Meghalaya, north-east India: Implication on the Proterozoic supercontinent build-up	2022	Geological Journal	3	10.1002/gj.4325	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120872160&doi=10.1002%2fgj.4325&partnerID=40&md5=37b92cc3f063045003da88005587ba0c	Scopus
Samanta S.; Mallick D.; Roy R.K.	Folding of aromatic polyamides into a rare intrachain β-sheet type structure and further reinforcement of the secondary structure through host-guest interactions	2022	Polymer Chemistry	1	10.1039/d2py00202g	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132891451&doi=10.1039%2fd2py00202g&partnerID=40&md5=b78a150e8092b09e4fd2f69ec8f6aa32	Scopus
M M.; S P.; M C.; K J.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	Polyethylene glycol mediated improved shoot proliferation, foliar morpho-anatomy, and rooting of micropropagated shoots of Spathoglottis plicata Blume	2022	South African Journal of Botany	4	10.1016/j.sajb.2022.03.046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127495204&doi=10.1016%2fj.sajb.2022.03.046&partnerID=40&md5=4b75f4001335d3351044662e0e816044	Scopus
Dutta T.; Anand U.; Mitra S.S.; Ghorai M.; Jha N.K.; Shaikh N.K.; Shekhawat M.S.; Pandey D.K.; Proćków J.; Dey A.	Phytotherapy for Attention Deficit Hyperactivity Disorder (ADHD): A Systematic Review and Meta-analysis	2022	Frontiers in Pharmacology	8	10.3389/fphar.2022.827411	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130366798&doi=10.3389%2ffphar.2022.827411&partnerID=40&md5=db0ba8add58768dc80e38499a043ae58	Scopus

Maitra T.; Mukherjee S.; Pradhan A.; Mukherjee S.; Nayak A.; Bhunia S.	Spectral and temporal performance enhancement in a symmetric co-planar Au–Ge/AlGaAs/Au–Ge natural superlattice-based MSM photodetector	2022	Journal of Materials Science: Materials in Electronics	0	10.1007/s10854-022-07720-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123083637&doi=10.1007%2fs10854-022-07720-0&partnerID=40&md5=cb303d1e76dfe4c5197584918fde269b	Scopus
Chatterjee S.; Dinda A.	Determination of Characterized Urban Thermal Zones (UTZ) for Assessing Microclimates in the Tropical Metropolitan Area of Kolkata	2022	Sustainable Cities and Society	1	10.1016/j.scs.2022.103807	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125738408&doi=10.1016%2fj.scs.2022.103807&partnerID=40&md5=2da020dc18808b61e8c8d3c9657a0560	Scopus
Majumder A.; Kanti Mondal S.; Mukhoty S.; Bag S.; Mondal A.; Begum Y.; Sharma K.; Banik A.	Virtual screening and docking analysis of novel ligands for selective enhancement of tea (Camellia sinensis) flavonoids	2022	Food Chemistry: X	10	10.1016/j.fochx.2022.100212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123289349&doi=10.1016%2fj.fochx.2022.100212&partnerID=40&md5=1566a0296be46debf5ed55fa8aa70fda	Scopus
Rai R.K.; Khajanchi S.; Tiwari P.K.; Venturino E.; Misra A.K.	Impact of social media advertisements on the transmission dynamics of COVID-19 pandemic in India	2022	Journal of Applied Mathematics and Computing	103	10.1007/s12190-021-01507-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101814333&doi=10.1007%2fs12190-021-01507-y&partnerID=40&md5=99a6851d3659e77444d709b0baf7de9b	Scopus
Mitra S.; Anand U.; Ghorai M.; Vellingiri B.; Jha N.K.; Behl T.; Kumar M.; Radha; Shekhawat M.S.; Proćków J.; Dey A.	Unravelling the Therapeutic Potential of Botanicals Against Chronic Obstructive Pulmonary Disease (COPD): Molecular Insights and Future Perspectives	2022	Frontiers in Pharmacology	8	10.3389/fphar.2022.824132	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130869112&doi=10.3389%2ffphar.2022.824132&partnerID=40&md5=9205835243cc79d00b3bc2e39b7869ba	Scopus
Banerjee A.; De R.; Das B.	Hydrodynamic and conformational characterization of aqueous sodium alginate solutions with varying salinity	2022	Carbohydrate Polymers	13	10.1016/j.carbpol.2021.118855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118570754&doi=10.1016%2fj.carbpol.2021.118855&partnerID=40&md5=36ef95fcf01d93c63f0f0c1ed281c3f6	Scopus

Biswas S.; Rahaman T.; Gupta P.; Mitra R.; Dutta S.; Kharlyngdoh E.; Guha S.; Ganguly J.; Pal A.; Das M.	Cellulose and lignin profiling in seven, economically important bamboo species of India by anatomical, biochemical, FTIR spectroscopy and thermogravimetric analysis	2022	Biomass and Bioenergy	44	10.1016/j.biombioe.2022.106362	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123787374&doi=10.1016%2fj.biombioe.2022.106362&partnerID=40&md5=6b91f4e69739ce0bc29d7645aaed02f8	Scopus
Das T.; Saha S.C.; Sunita K.; Majumder M.; Ghorai M.; Mane A.B.; Prasanth D.A.; Kumar P.; Pandey D.K.; Al-Tawaha A.R.; Batiha G.E.-S.; Shekhawat M.S.; Ghosh A.; Sharifi-Rad J.; Dey A.	Promising botanical-derived monoamine oxidase (MAO) inhibitors: pharmacological aspects and structure-activity studies	2022	South African Journal of Botany	9	10.1016/j.sajb.2021.09.019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118162526&doi=10.1016%2fj.sajb.2021.09.019&partnerID=40&md5=14cc51eb07c76690a74fcd87f1cd44fe	Scopus
Bhattacharyya N.; Gupta S.; Sharma S.; Soni A.; Bagabir S.A.; Bhattacharyya M.; Mukherjee A.; Almalki A.H.; Alkhanani M.F.; Haque S.; Ray A.K.; Malik M.Z.	CDK1 and HSP90AA1 Appear as the Novel Regulatory Genes in Non-Small Cell Lung Cancer: A Bioinformatics Approach	2022	Journal of Personalized Medicine	19	10.3390/jpm12030393	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126451606&doi=10.3390%2fjpm12030393&partnerID=40&md5=e36436d4976c96ba94877e0d40361883	Scopus
Dinda A.; Chatterjee S.	Assessing the local- impacts of heat advection on urban heat islands in Kolkata Metropolitan Area	2022	Urban Climate	6	10.1016/j.uclim.2022.101139	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125151859&doi=10.1016%2fj.uclim.2022.101139&partnerID=40&md5=19939d19b1a94853ea6c73b08bea7609	Scopus
Nazir R.; Mandal S.; Mitra S.; Ghorai M.; Das N.; Jha N.K.; Majumder M.; Pandey D.K.; Dey A.	Clustered regularly interspaced short palindromic repeats (CRISPR)/CRISPR-associated genome-editing toolkit to enhance salt stress tolerance in rice and wheat	2022	Physiologia Plantarum	18	10.1111/ppl.13642	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128721995&doi=10.1111%2fppl.13642&partnerID=40&md5=2721b7e91ccb13aa220e941ec300067e	Scopus

Nandy S.; Das T.; Tudu C.K.; Mishra T.; Ghorai M.; Gadekar V.S.; Anand U.; Kumar M.; Behl T.; Shaikh N.K.; Jha N.K.; Shekhawat M.S.; Pandey D.K.; Dwivedi P.; Radha; Dey A.	Unravelling the multi-faceted regulatory role of polyamines in plant biotechnology, transgenics and secondary metabolomics	2022	Applied Microbiology and Biotechnology	19	10.1007/s00253-021-11748-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123125251&doi=10.1007%2fs00253-021-11748-3&partnerID=40&md5=a9fe705e5f8afbce9b655b921d3c5537	Scopus
Anand U.; Chandel A.K.S.; Oleksak P.; Mishra A.; Krejcar O.; Raval I.H.; Dey A.; Kuca K.	Recent advances in the potential applications of luminescence-based, SPR-based, and carbon-based biosensors	2022	Applied Microbiology and Biotechnology	18	10.1007/s00253-022-11901-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127673611&doi=10.1007%2fs00253-022-11901-6&partnerID=40&md5=370cd55fa34825ef9436d37c0112b7e7	Scopus
Dar S.; Bhattacharya S.; Bhattacharyya S.; Banik R.; Nandi S.; Mukherjee G.; Rajbanshi S.; Das Gupta S.; Ali S.; Chakraborty S.; Chatterjee S.; Das S.; Dhal A.; Ghugre S.S.; Goswami A.; Mondal D.; Mukhopadhyay S.; Pai H.; Pal S.; Pandit D.; Raut R.; Ray P.; Samanta S.	Magnetic rotational band in 116Sb	2022	Nuclear Physics A	2	10.1016/j.nuclphysa.2022.122382	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122668523&doi=10.1016%2fj.nuclphysa.2022.122382&partnerID=40&md5=49ff67731a87aa01ff6b86bd35370856	Scopus
Bhattacharyya S.; Adhikari S.; Banerjee A.; More S.; Kumar A.; Nadler E.O.; Chatterjee S.	The Signatures of Self-interacting Dark Matter and Subhalo Disruption on Cluster Substructure	2022	Astrophysical Journal	12	10.3847/1538-4357/ac68e9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132795874&doi=10.3847%2f1538-4357%2fac68e9&partnerID=40&md5=d65d9cc443c89c587029d694aacd9503	Scopus

Manokari M.; Priyadharshini S.; Cokulraj M.; Dey A.; Faisal M.; Alatar A.A.; Alok A.; Shekhawat M.S.	Assessment of cell wall histochemistry of velamentous epiphytic roots in adaptive response of micropropagated plantlets of Vanda tessellata (Roxb.) Hook. ex G. Don	2022	Plant Cell, Tissue and Organ Culture	0	10.1007/s11240-022-02315-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129828285&doi=10.1007%2fs11240-022-02315-3&partnerID=40&md5=9cc2ffd15c8e9c078fdd8bcfe54fd380	Scopus
Bid S.; Chakrabarti A.	Topological properties of a class of Su-Schrieffer-Heeger variants	2022	Physics Letters, Section A: General, Atomic and Solid State Physics	6	10.1016/j.physleta.2021.127816	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119284987&doi=10.1016%2fj.physleta.2021.127816&partnerID=40&md5=0fc345f4af9928a598209ae3a946d801	Scopus
Sahoo S.K.; Adhikari A.; Dutta S.	Practical attacks on a class of secret image sharing schemes based on Chinese Remainder Theorem	2022	Computers and Electrical Engineering	2	10.1016/j.compeleceng.2022.107924	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127141424&doi=10.1016%2fj.compeleceng.2022.107924&partnerID=40&md5=4d580f5aa3f1fd3682469cdc0544370c	Scopus
Roychowdhury A.; Samui S.	Exploring the voids: Luminosity functions and magnetic field	2022	New Astronomy	0	10.1016/j.newast.2021.101718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120942251&doi=10.1016%2fj.newast.2021.101718&partnerID=40&md5=72c4ff06e6802346ff4a3edd515fb74a	Scopus
Mondal T.K.; Chowdhury A.; Sain A.; Chatterjee S.	Understanding the maturity of columnar joints and its spatial relationship with eruptive centre: A critical appraisal from the Rajmahal basalt, India	2022	Physics of the Earth and Planetary Interiors	5	10.1016/j.pepi.2022.106867	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127345643&doi=10.1016%2fj.pepi.2022.106867&partnerID=40&md5=7d22eb131fca6c72658b6fb506f2f0b9	Scopus
Tapadar P.; Pal A.; Dutta S.; Pal R.	Enhanced expression of death receptor 5 is responsible for increased cytotoxicity of theophylline in combination with recombinant human TRAIL in MDA-MB-231 breast cancer cells	2022	Journal of Cancer Research and Therapeutics	0	10.4103/jcrt.JCRT_352_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135202840&doi=10.4103%2fjcrt.JCRT_352_21&partnerID=40&md5=dc84cbd3cca883b45663d0509d30aad2	Scopus

Słowakiewicz M.; Banerjee A.; Patranabis-Deb S.; Kumar Deb G.; Tucker M.E.	Sinuous stromatolites of the Chandi Formation, Chattisgarh Basin, India: their origin and implications for Mesoproterozoic seawater	2022	Geological Magazine	0	10.1017/S0016756821000674	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115617966&doi=10.1017%2fS0016756821000674&partnerID=40&md5=b52b9ed82590ad7aee8b3fe27a9a1dc1	Scopus
Acharya S.S.; Hishamunda V.; Chakrabarti R.	Natural Sources and Anthropogenic Influences on the River Water and Groundwater Chemistry of the Lower Mahanadi Basin: Insights From Radiogenic Sr Isotopes and Major Ion Chemistry	2022	Frontiers in Water	2	10.3389/frwa.2022.846438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129183484&doi=10.3389%2ffrwa.2022.846438&partnerID=40&md5=7cb5367dd3d37cf3e7e8fe0450852893	Scopus
Maity S.; Guchhait R.; Sarkar M.B.; Pramanick K.	Occurrence and distribution of micro/nanoplastics in soils and their phytotoxic effects: A review	2022	Plant Cell and Environment	29	10.1111/pce.14248	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123245303&doi=10.1111%2fpce.14248&partnerID=40&md5=48736d831aa8e09d5b8403bc6fd2459d	Scopus
Paul S.; Guha T.; Dey S.; Paul S.; Kundu R.	Amelioration of cadmium toxicity by enhancing nitrogen assimilation and photosynthetic activity by two different nitrogen supplements in rice (Oryza sativa L.) cv. Lalat	2022	Plant Stress	10	10.1016/j.stress.2022.100082	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127145624&doi=10.1016%2fj.stress.2022.100082&partnerID=40&md5=b0b0ed616ea0f4d8eb0910b1458d13b1	Scopus
Basu S.; Dasgupta N.; Kundu A.; Bhattacharya S.; Dasgupta D.	The role of pre-existing faults and fractures in shaping polygonal impact craters and its tectonic implications in the southern Margaritifer Terra region, Mars	2022	Journal of Earth System Science	2	10.1007/s12040-022-01857-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128299460&doi=10.1007%2fs12040-022-01857-6&partnerID=40&md5=6832dbf64ce1d941a500c47762b8e5c1	Scopus
Karthika C.; Sureshkumar R.; Zehravi M.; Akter R.; Ali F.; Ramproshad S.; Mondal B.; Kundu M.K.; Dey A.; Rahman M.H.; Antonescu A.; Cavalu S.	Multidrug Resistance in Cancer Cells: Focus on a Possible Strategy Plan to Address Colon Carcinoma Cells	2022	Life	14	10.3390/life12060811	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131665951&doi=10.3390%2flife12060811&partnerID=40&md5=1c62775dffcd43ca5c0ea0dd5308792b	Scopus

Hudait M.; Patel P.P.	Crop-type mapping and acreage estimation in smallholding plots using Sentinel-2 images and machine learning algorithms: Some comparisons	2022	Egyptian Journal of Remote Sensing and Space Science	22	10.1016/j.ejrs.2022.01.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123636973&doi=10.1016%2fj.ejrs.2022.01.004&partnerID=40&md5=6dad8019adf226fb4d831bb9aff9550f	Scopus
Chavan A.; Sarkar S.; Thakkar A.; Solanki J.; Jani C.; Bhandari S.; Bhattacharya S.; Desai B.G.; Ray D.; Shukla A.D.; Sajinkumar K.S.; Mitra S.; Gupta S.; Chauhan G.; Thakkar M.G.	Terrestrial Martian Analog Heritage of Kachchh Basin, Western India	2022	Geoheritage	14	10.1007/s12371-022-00666-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125452672&doi=10.1007%2fs12371-022-00666-z&partnerID=40&md5=79f9292bb5b53f075643fa28a90ebca7	Scopus
Anand U.; Biswas P.; Kumar V.; Ray D.; Ray P.; Loake V.I.P.; Kandimalla R.; Chaudhary A.; Singh B.; Routhu N.K.; Chen Z.-S.; Proćków J.; Dey A.	Podophyllum hexandrum and its active constituents: Novel radioprotectants	2022	Biomedicine and Pharmacotherapy	9	10.1016/j.biopha.2021.112555	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122430820&doi=10.1016%2fj.biopha.2021.112555&partnerID=40&md5=00a6f4a1f2bb8502cf91546c138fcabe	Scopus
Nandi S.; Mukherjee G.; Dhal A.; Banik R.; Bhattacharya S.; Basu S.; Dar S.; Bhattacharyya S.; Bhattacharya C.; Kundu S.; Paul D.; Rajbanshi S.; Chatterjee S.; Das S.; Samanta S.; Raut R.; Ghugre S.S.; Pai H.; Ali S.; Biswas S.; Goswami A.	Different manifestations of triaxial shapes of the positive and negative parity bands in Os 187	2022	Physical Review C	3	10.1103/PhysRevC.105.034336	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127457867&doi=10.1103%2fPhysRevC.105.034336&partnerID=40&md5=3bf5d85d58fd3df508934a126a72bfa4	Scopus

Manokari M.; Priyadharshini S.; Cokulraj M.; Dey A.; Shekhawat M.S.	Meta-topolin induced morphometric and structurally stable bulblets in Malabar River Lily (Amaryllidaceae)	2022	Plant Cell, Tissue and Organ Culture	9	10.1007/s11240-021-02195-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119370331&doi=10.1007%2fs11240-021-02195-z&partnerID=40&md5=391bddb021e89cb7ef5a4b121e015a4c	Scopus
Sankar D.	Of trauma and happiness: Orhan Pamuk's The Museum of Innocence	2022	Psychoanalysis, Culture and Society	0	10.1057/s41282-022-00277-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128828187&doi=10.1057%2fs41282-022-00277-1&partnerID=40&md5=48d6d5fe9c3053c9050272f522a87f62	Scopus
Roy R.; Chakrabarti B.; Trombettoni A.	Quantum dynamics of few dipolar bosons in a double-well potential	2022	European Physical Journal D	4	10.1140/epjd/s10053-022-00345-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124708029&doi=10.1140%2fepjd%2fs10053-022-00345-2&partnerID=40&md5=cf383e0bf6e797b1e3ee65df758f2032	Scopus
Mukherjee R.; Islam S.; Mukhopadhyay A.	Visualizing the efficacy of vaccination in different Indian states: a comparative account with other countries	2022	VirusDisease	0	10.1007/s13337-022-00759-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128085604&doi=10.1007%2fs13337-022-00759-x&partnerID=40&md5=1e34f87811dc4381ba3a2899420cb2d7	Scopus
Di Valentino E.; Gariazzo S.; Giunti C.; Mena O.; Pan S.; Yang W.	Minimal dark energy: Key to sterile neutrino and Hubble constant tensions?	2022	Physical Review D	11	10.1103/PhysRevD.105.103511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130102668&doi=10.1103%2fPhysRevD.105.103511&partnerID=40&md5=b0345b7d0550e228fb4d9a491ba5cfdd	Scopus

Katoch K.; Gupta S.; Nazir R.; Kumar V.; Sanyal R.; Dey A.; Pandey D.K.	Establishment of adventitious root culture from leaf explants of Plumbago zeylanica: an endangered medicinal plant	2022	Vegetos	4	10.1007/s42535-021-00300-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116366877&doi=10.1007%2fs42535-021-00300-3&partnerID=40&md5=93bfe0fd02ddf6081a52431fd5ef31e0	Scopus
Goyal R.; Bala R.; Sindhu R.K.; Zehravi M.; Madaan R.; Ramproshad S.; Mondal B.; Dey A.; Rahman M.H.; Cavalu S.	Bioactive Based Nanocarriers for the Treatment of Viral Infections and SARS-CoV-2	2022	Nanomaterials	8	10.3390/nano12091530	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129167714&doi=10.3390%2fnano12091530&partnerID=40&md5=28b5ad0c0551c94a194db2f5d109a239	Scopus
Pandit N.R.; Bej S.; Banerjee P.; Biswas B.	Unveiling Role of Metals in Mononuclear Metal-Complexes for Chemodosimetric Detection of S2− from aqueous medium: Experimental and DFT Corroboration with Real-Field Application	2022	ChemistrySelect	4	10.1002/slct.202200307	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127360580&doi=10.1002%2fslct.202200307&partnerID=40&md5=2a76c75433586ee60b09a1b01ecb37cd	Scopus
Mukerjee N.; Das A.; Maitra S.; Ghosh A.; Khan P.; Alexiou A.; Dey A.; Baishya D.; Ahmad F.; Sachdeva P.; Al-Muhanna M.K.	Dynamics of natural product Lupenone as a potential fusion inhibitor against the spike complex of novel Semliki Forest Virus	2022	PLoS ONE	26	10.1371/journal.pone.0263853	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125294736&doi=10.1371%2fjournal.pone.0263853&partnerID=40&md5=c1402bbcb451feba31ecef66fd38cf52	Scopus
Kumar M.; Chandran D.; Tomar M.; Bhuyan D.J.; Grasso S.; Sá A.G.A.; Carciofi B.A.M.; Radha; Dhumal S.; Singh S.; Senapathy M.; Changan S.; Dey A.; Pandiselvam R.; Mahato D.K.; Amarowicz R.; Rajalingam S.; Vishvanathan M.; Saleena L.A.K.; Mekhemar M.	Valorization Potential of Tomato (Solanum lycopersicum L.) Seed: Nutraceutical Quality, Food Properties, Safety Aspects, and Application as a Health-Promoting Ingredient in Foods	2022	Horticulturae	28	10.3390/horticulturae8030265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127484514&doi=10.3390%2fhorticulturae8030265&partnerID=40&md5=7bbb2aae3421690871796bd1f0dc150e	Scopus

Benaoum H.B.; Yang W.; Pan S.; Di Valentino E.	Modified emergent dark energy and its astronomical constraints	2022	International Journal of Modern Physics D	6	10.1142/S0218271822500158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124038510&doi=10.1142%2fS0218271822500158&partnerID=40&md5=ab2e04860be7d0a4c9c9cdb067b3631b	Scopus
Sengupta P.; Pal U.; Roy P.; Samanta T.; Chattopadhyay N.; Sen K.; Bose A.	Effect of a Metal Ion in Modulating the Binding Interaction of a Dietary Flavonoid with Bovine Serum Albumin and DNA: A Spectroscopic and Theoretical Approach	2022	ACS Food Science and Technology	8	10.1021/acsfoodscitech.1c00361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127072461&doi=10.1021%2facsfoodscitech.1c00361&partnerID=40&md5=3e2b9705b8ddbaf6644b6f78e8a9b33a	Scopus
Anand U.; Carpena M.; Kowalska-Góralska M.; Garcia-Perez P.; Sunita K.; Bontempi E.; Dey A.; Prieto M.A.; Proćków J.; Simal-Gandara J.	Safer plant-based nanoparticles for combating antibiotic resistance in bacteria: A comprehensive review on its potential applications, recent advances, and future perspective	2022	Science of the Total Environment	47	10.1016/j.scitotenv.2022.153472	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123853959&doi=10.1016%2fj.scitotenv.2022.153472&partnerID=40&md5=c7784a3a643b458a030af5f347b76e38	Scopus
Tudu C.K.; Dey A.; Pandey D.K.; Panwar J.S.; Nandy S.	Role of plant derived extracts as biostimulants in sustainable agriculture: A detailed study on research advances, bottlenecks and future prospects	2022	New and Future Developments in Microbial Biotechnology and Bioengineering: Sustainable Agriculture: Revitalization through Organic Products	6	10.1016/B978-0-323-85579-2.00017-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127993786&doi=10.1016%2fB978-0-323-85579-2.00017-4&partnerID=40&md5=aa1c2819fe2263252616a9b9c21fbef3	Scopus
Kumar P.; Biswas A.; Banerjee S.; Rathore S.; Rana V.; Ram K.; Acharya T.	Integrating magnetic susceptibility, hydrogeochemical, and isotopic data to assess the seawater invasion in coastal aquifers of Digha, West Bengal, India	2022	Environmental Science and Pollution Research	6	10.1007/s11356-021-16934-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119876869&doi=10.1007%2fs11356-021-16934-4&partnerID=40&md5=0a91f1e9b02027624b1ac9e075180f31	Scopus

Ghosh A.; Mukerjee N.; Sharma B.; Pant A.; Kishore Mohanta Y.; Jawarkar R.D.; Bakal R.L.; Terefe E.M.; Batiha G.E.-S.; Mostafa-Hedeab G.; Aref Albezrah N.K.; Dey A.; Baishya D.	Target Specific Inhibition of Protein Tyrosine Kinase in Conjunction With Cancer and SARS-COV-2 by Olive Nutraceuticals	2022	Frontiers in Pharmacology	18	10.3389/fphar.2021.812565	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127438651&doi=10.3389%2ffphar.2021.812565&partnerID=40&md5=a282f61c5185a7c9f6f5609526af0409	Scopus
Mandal S.; Ghorai M.; Anand U.; Roy D.; Kant N.; Mishra T.; Mane A.B.; Jha N.K.; Lal M.K.; Tiwari R.K.; Kumar M.; Radha; Ghosh A.; Bhattacharjee R.; Proćków J.; Dey A.	Cytokinins: A Genetic Target for Increasing Yield Potential in the CRISPR Era	2022	Frontiers in Genetics	13	10.3389/fgene.2022.883930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130146342&doi=10.3389%2ffgene.2022.883930&partnerID=40&md5=31ceced147a52a89af21c0565ff7dfa9	Scopus
Bonilla A.; Kumar S.; Nunes R.C.; Pan S.	Reconstruction of the dark sectors' interaction: A model-independent inference and forecast from GW standard sirens	2022	Monthly Notices of the Royal Astronomical Society	8	10.1093/mnras/stac687	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133581042&doi=10.1093%2fmnras%2fstac687&partnerID=40&md5=cf4efe1e44cb65ac1aadeb7358137bac	Scopus
Bandyopadhyay A.; Dey A.	The ethno-medicinal and pharmaceutical attributes of Bryophytes: A review	2022	Phytomedicine Plus	12	10.1016/j.phyplu.2022.100255	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126636440&doi=10.1016%2fj.phyplu.2022.100255&partnerID=40&md5=b75367bcd73922ff7423a4dc754434ae	Scopus
Gautam A.; Mukherjee S.; Manna S.; Banerjee P.; Manna S.; Ghosh A.R.; Ray M.; Ray S.	Metal accumulation and morphofunctional damage in coelomocytes of earthworm collected from industrially contaminated soil of Kolkata, India	2022	Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology	3	10.1016/j.cbpc.2022.109299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125148140&doi=10.1016%2fj.cbpc.2022.109299&partnerID=40&md5=4b6ca5cbe8568ac164cbd97483f3e8ad	Scopus

Anand U.; Tudu C.K.; Nandy S.; Sunita K.; Tripathi V.; Loake G.J.; Dey A.; Proćków J.	Ethnodermatological use of medicinal plants in India: From ayurvedic formulations to clinical perspectives – A review	2022	Journal of Ethnopharmacology	60	10.1016/j.jep.2021.114744	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117940528&doi=10.1016%2fj.jep.2021.114744&partnerID=40&md5=e43644c5be62da76eb64fb45828219bb	Scopus
Dasgupta S.; Biswas M.; Mukherjee S.; Chatterjee R.	Structural evolution and sediment depositional system along the transform margin- Palar–Pennar basin, Indian east coast	2022	Journal of Petroleum Science and Engineering	33	10.1016/j.petrol.2022.110155	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124214632&doi=10.1016%2fj.petrol.2022.110155&partnerID=40&md5=59ad16840ab51fdf64820f81ab56cf28	Scopus
Kar N.R.; Mani D.; Mukherjee S.; Dasgupta S.; Puniya M.K.; Kaushik A.K.; Biswas M.; Babu E.V.S.S.K.	Source rock properties and kerogen decomposition kinetics of Eocene shales from petroliferous Barmer basin, western Rajasthan, India	2022	Journal of Natural Gas Science and Engineering	10	10.1016/j.jngse.2022.104497	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125809867&doi=10.1016%2fj.jngse.2022.104497&partnerID=40&md5=1993e8efed6d0fbac6a7a33d015b31a4	Scopus
Pramanik S.; Punia M.; Yu H.; Chakraborty S.	Is dense or sprawl growth more prone to heat-related health risks? Spatial regression-based study in Delhi, India	2022	Sustainable Cities and Society	14	10.1016/j.scs.2022.103808	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126599609&doi=10.1016%2fj.scs.2022.103808&partnerID=40&md5=2ad1869d8e3b79432f3a5ccd4cbbe27d	Scopus
Sarkar P.; Sahoo S.K.; Goswami C.; Adhikari A.	Connectivity invariant lightweight resiliency improvement strategies for CRT-subset scheme	2022	Ad Hoc Networks	0	10.1016/j.adhoc.2022.102803	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125145417&doi=10.1016%2fj.adhoc.2022.102803&partnerID=40&md5=f46b31f2a39f8c57c6671e139b4cae18	Scopus
Rajbanshi J.; Das S.; Patel P.P.	Planform changes and alterations of longitudinal connectivity caused by the 2019 flood event on the braided Brahmaputra River in Assam, India	2022	Geomorphology	6	10.1016/j.geomorph.2022.108174	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125296850&doi=10.1016%2fj.geomorph.2022.108174&partnerID=40&md5=c7f4fdc28a1cfe164fe10cf2cfacc632	Scopus

Sanyal R.; Nandi S.; Pandey S.; Chatterjee U.; Mishra T.; Datta S.; Prasanth D.A.; Anand U.; Mane A.B.; Kant N.; Jha N.K.; Jha S.K.; Shekhawat M.S.; Pandey D.K.; Dey A.	Biotechnology for propagation and secondary metabolite production in Bacopa monnieri	2022	Applied Microbiology and Biotechnology	7	10.1007/s00253-022-11820-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125247644&doi=10.1007%2fs00253-022-11820-6&partnerID=40&md5=538606679512f3b38725bbbd10bb55fe	Scopus
Chakraborty S.; Maity I.; Dadashpoor H.; Novotnỳ J.; Banerji S.	Building in or out? Examining urban expansion patterns and land use efficiency across the global sample of 466 cities with million+ inhabitants	2022	Habitat International	56	10.1016/j.habitatint.2021.102503	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122291527&doi=10.1016%2fj.habitatint.2021.102503&partnerID=40&md5=95061e71bf7b973d61cb5826029bfd2c	Scopus
Bose S.; Sorcar N.; Das K.; Ganguly P.; Mukherjee S.	Pulsed tectonic evolution in long-lived orogenic belts: An example from the Eastern Ghats Belt, India	2022	Precambrian Research	4	10.1016/j.precamres.2021.106522	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121975314&doi=10.1016%2fj.precamres.2021.106522&partnerID=40&md5=c514b2fa4ec607d1692c5be8ca4af6a4	Scopus
Rahman M.M.; Alam Tumpa M.A.; Zehravi M.; Sarker M.T.; Yamin M.; Islam M.R.; Harun-Or-rashid M.; Ahmed M.; Ramproshad S.; Mondal B.; Dey A.; Damiri F.; Berrada M.; Rahman M.H.; Cavalu S.	An Overview of Antimicrobial Stewardship Optimization: The Use of Antibiotics in Humans and Animals to Prevent Resistance	2022	Antibiotics	26	10.3390/antibiotics11050667	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130989995&doi=10.3390%2fantibiotics11050667&partnerID=40&md5=dbe46a7a0d87e50ed6af53cd1d6a1375	Scopus
Ghorai M.; Kumar V.; Kumar V.; Al-Tawaha A.R.; Shekhawat M.S.; Pandey D.K.; Batiha G.E.-S.; Bursal E.; Jha N.K.; Gadekar V.S.; Radha; Kumar M.; Sharifi-Rad J.; Dey A.	Beneficial Role of Selenium (Se) Biofortification in Developing Resilience Against Potentially Toxic Metal and Metalloid Stress in Crops: Recent Trends in Genetic Engineering and Omics Approaches	2022	Journal of Soil Science and Plant Nutrition	8	10.1007/s42729-022-00814-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127157167&doi=10.1007%2fs42729-022-00814-y&partnerID=40&md5=1a4c2420bbfcbd61f92fc53314ddcb83	Scopus

Kumar M.; Barbhai M.D.; Hasan M.; Punia S.; Dhumal S.; Radha; Rais N.; Chandran D.; Pandiselvam R.; Kothakota A.; Tomar M.; Satankar V.; Senapathy M.; Anitha T.; Dey A.; Sayed A.A.S.; Gadallah F.M.; Amarowicz R.; Mekhemar M.	Onion (Allium cepa L.) peels: A review on bioactive compounds and biomedical activities	2022	Biomedicine and Pharmacotherapy	78	10.1016/j.biopha.2021.112498	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121575586&doi=10.1016%2fj.biopha.2021.112498&partnerID=40&md5=4aa456d3febf5d91004d05242e5b32dd	Scopus
Kundu A.; Chatterjee R.; Mitra K.; Mondal S.	rms-flux relation and disc-jet connection in blazars in the context of the internal shocks model	2022	Monthly Notices of the Royal Astronomical Society	0	10.1093/mnras/stab3750	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137143991&doi=10.1093%2fmnras%2fstab3750&partnerID=40&md5=9a9e298a5fb5f5960f223f6196b1a7b4	Scopus
Mandal J.; Patel P.P.; Samanta S.	Examining the expansion of Urban Heat Island effect in the Kolkata Metropolitan Area and its vicinity using multi-temporal MODIS satellite data	2022	Advances in Space Research	14	10.1016/j.asr.2021.11.040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121442477&doi=10.1016%2fj.asr.2021.11.040&partnerID=40&md5=1d0d8c8e7e6b78b2e1dacd871a15a24f	Scopus
Chakrabarti B.K.; Rajak A.; Sinha A.	Stochastic Learning in Kolkata Paise Restaurant Problem: Classical and Quantum Strategies	2022	Frontiers in Artificial Intelligence	3	10.3389/frai.2022.874061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132123503&doi=10.3389%2ffrai.2022.874061&partnerID=40&md5=ad97f8b917507c885a30d011c09e70f4	Scopus
Sen R.; Ramírez-Páramo A.	On cΔ(Λ)-covers and Δγ-sets	2022	Topology and its Applications	2	10.1016/j.topol.2021.107940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121842331&doi=10.1016%2fj.topol.2021.107940&partnerID=40&md5=018407a9615f3feb79ca31790a8c1005	Scopus

Pandey D.K.; Konjengbam M.; Ghorai M.; Dwivedi P.; Roy D.; Kant N.; Gangaprasad A.; Dey A.	Biotechnology for micropropagation and camptothecin production in Ophiorrhiza sp.	2022	Applied Microbiology and Biotechnology	5	10.1007/s00253-022-11941-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130417138&doi=10.1007%2fs00253-022-11941-y&partnerID=40&md5=b5313a76c65dbd6e751da80cf8061824	Scopus
Biswas P.; Anand U.; Saha S.C.; Kant N.; Mishra T.; Masih H.; Bar A.; Pandey D.K.; Jha N.; Majumder M.; Das N.; Gadekar V.; Shekhawat M.S.; Kumar M.; Radha; Proćków J.; Lastra J.M.P.D.L.; Dey A.	Betelvine (Piper betle L.): A comprehensive insight into its ethnopharmacology, phytochemistry, and pharmacological, biomedical and therapeutic attributes	2022	Journal of Cellular and Molecular Medicine	28	10.1111/jcmm.17323	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129255976&doi=10.1111%2fjcmm.17323&partnerID=40&md5=5ffd2faaa277d5099ba5b0a7f40ce3de	Scopus
Das T.; Dey A.; Pandey D.K.; Panwar J.S.; Nandy S.	Fungal endophytes as biostimulants of secondary metabolism in plants: a sustainable agricultural practice for medicinal crops	2022	New and Future Developments in Microbial Biotechnology and Bioengineering: Sustainable Agriculture: Microorganisms as Biostimulants	4	10.1016/B978-0-323-85163-3.00010-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127179165&doi=10.1016%2fB978-0-323-85163-3.00010-7&partnerID=40&md5=e1dfb610616a58fc978917ce42cb765c	Scopus
Deb S.; Imdad K.; Patel P.P.; Sahul W.; Parween S.; Rashid R.; Rihan M.	Approaches and Methodologies on Mapping Vegetation Cover and Biodiversity Status Using Remote Sensing and Spatial Analysis: A Systematic Review	2022	Conservation, Management and Monitoring of Forest Resources in India	0	10.1007/978-3-030-98233-1_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158944807&doi=10.1007%2f978-3-030-98233-1_15&partnerID=40&md5=589640ada7ee6ba1efe3913d967e6059	Scopus

Biswas P.; Nandy S.; Pandey D.K.; Singh J.; Dey A.	Levulinic acid: a potent green chemical in sustainable agriculture	2022	New and Future Developments in Microbial Biotechnology and Bioengineering: Sustainable Agriculture: Revisiting Green Chemicals	1	10.1016/B978-0-323-85581-5.00013-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160162764&doi=10.1016%2fB978-0-323-85581-5.00013-6&partnerID=40&md5=b09e1ea1bb8faf880f5b24437234b3ce	Scopus
Garai T.; Biswas G.; Santra U.	A Novel MCDM Method Based on Possibility Mean and Its Application to Water Resource Management Problem Under Bipolar Fuzzy Environment	2022	Lecture Notes in Networks and Systems	3	10.1007/978-3-031-09173-5_49	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135056891&doi=10.1007%2f978-3-031-09173-5_49&partnerID=40&md5=741fe16ce398a2bd397ad20f77f0ba96	Scopus
Manna S.; Dolai A.; Mondal D.; Ghosh D.; Das A.	The practice of entomophagism in India by indigenous people: past, present, and future	2022	Indigenous People and Nature: Insights for Social, Ecological, and Technological Sustainability	0	10.1016/B978-0-323-91603-5.00003-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138102199&doi=10.1016%2fB978-0-323-91603-5.00003-8&partnerID=40&md5=ebe00bb682b5d6d944ecfcf0a3354e0a	Scopus
Sanyal R.; Pandey S.; Nandy S.; Dewanjee S.; Al-Tawaha A.R.; Bursal E.; Biswas P.; Kumar M.; Radha; Gopalakrishnan A.V.; Rahman M.H.; Shekhawat M.S.; Pandey D.K.; Malik T.; Dey A.	Artemisia indica Willd.: Ethnobotany, Phytochemistry, Pharmacological Attributes, and Safety Profile	2022	Medicinal Plants of the Asteraceae Family: Traditional Uses, Phytochemistry and Pharmacological Activities	1	10.1007/978-981-19-6080-2_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151222685&doi=10.1007%2f978-981-19-6080-2_3&partnerID=40&md5=1d3b9d40163302196e2616883c008d2f	Scopus

Chattopadhyay I.; Gundamaraju R.; Jha N.K.; Gupta P.K.; Dey A.; Mandal C.C.; Ford B.M.	Interplay between Dysbiosis of Gut Microbiome, Lipid Metabolism, and Tumorigenesis: Can Gut Dysbiosis Stand as a Prognostic Marker in Cancer?	2022	Disease Markers	19	10.1155/2022/2941248	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124779885&doi=10.1155%2f2022%2f2941248&partnerID=40&md5=fb4b3700a75b1a10d037c78682b57725	Scopus
Nishat A.	Placing the Dalit Women at the Intersections: A Sociological Study of Dom Women of Kolkata	2022	Contemporary Voice of Dalit	0	10.1177/2455328X221106029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131886087&doi=10.1177%2f2455328X221106029&partnerID=40&md5=05bd0602981bc497865f89e7439b51d2	Scopus
Banerjee S.; Tudu C.K.; Nandy S.; Pandey D.K.; Ghorai M.; Shekhawat M.S.; Ghosh A.; Nongdam P.; Al-Tawaha A.R.; Bursal E.; Batiha G.E.-S.; Ghosh S.; Kumar V.; Dey A.	Herbal remedies against Huntington's disease: Preclinical evidences and future directions	2022	Herbal Medicines: A Boon for Healthy Human Life	1	10.1016/B978-0-323-90572-5.00010-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138023963&doi=10.1016%2fB978-0-323-90572-5.00010-X&partnerID=40&md5=9e87d414a7e82760735b98f521c589b5	Scopus
Das T.; Nandy S.; Mukherjee A.; Nongdam P.; Dey A.	Plant Essential Oils for Combating Antimicrobial Resistance via Re-potentiating the Fading Antibiotic Arsenal	2022	Antimicrobial Resistance: Underlying Mechanisms and Therapeutic Approaches	2	10.1007/978-981-16-3120-7_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137331431&doi=10.1007%2f978-981-16-3120-7_15&partnerID=40&md5=f955e876dc33bd73ccd375d27ba12326	Scopus
Basu S.; Chatterjee S.; Ray S.; Maity S.; Ghosh P.; Bhaumik A.; Mukhopadhyay C.	Green synthesis of C5–C6-unsubstituted 1,4-DHP scaffolds using an efficient Ni–chitosan nanocatalyst under ultrasonic conditions	2022	Beilstein Journal of Organic Chemistry	3	10.3762/bjoc.18.14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124005247&doi=10.3762%2fbjoc.18.14&partnerID=40&md5=2d49b362ea8502e4c46150204c8a1990	Scopus

Mandal S.; Ansar W.; Jawed J.J.	Immunomodulators: Progress and prospects in Leishmania infection	2022	Viral, Parasitic, Bacterial, and Fungal Infections: Antimicrobial, Host Defense, and Therapeutic Strategies	0	10.1016/B978-0-323-85730-7.00043-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150097213&doi=10.1016%2fB978-0-323-85730-7.00043-6&partnerID=40&md5=dd4e3b919d07b84d02e4f69b317d2631	Scopus
Shriram V.; Kumar V.; Dey A.	Fighting Antimicrobial Resistance with Natural Products-Current Developments and Future Prospects	2022	Current Topics in Medicinal Chemistry	1	10.2174/1568026622132206301 21857	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133620629&doi=10.2174%2f1568026622132206301 21857&partnerID=40&md5=8df2ecbdb85a2140f375c4093183002d	Scopus
Mandal M.	From the Social to the Clinical: Towards a Psychopathology of Everyday Casteism	2022	Contemporary Voice of Dalit	2	10.1177/2455328X221136394	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144252665&doi=10.1177%2f2455328X221136394&partnerID=40&md5=5dde136b1ddec8a0b1734575f331196a	Scopus
Gorai P.; Dey A.; Modak B.K.	Birhors of Purulia: marching toward mainstream of the society	2022	Indigenous People and Nature: Insights for Social, Ecological, and Technological Sustainability	2	10.1016/B978-0-323-91603-5.00009-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138069675&doi=10.1016%2fB978-0-323-91603-5.00009-9&partnerID=40&md5=ecea34a005a084ee81b3e19e93ec5adf	Scopus
Kumari N.; Nair M.S.; Kumar M.; Radha; Barbhai M.D.; Sharma K.; Dey A.; Chandran D.; Waghmare R.B.; Punia Bangar S.	Colored cereals: Extraction and purification of bioactive compounds (pigments)	2022	Functionality and Application of Colored Cereals: Nutritional, Bioactive, and Health Aspects	0	10.1016/B978-0-323-99733-1.00011-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151639066&doi=10.1016%2fB978-0-323-99733-1.00011-X&partnerID=40&md5=f1a38581edf2e5828ff988b79cb83d71	Scopus

Mukherjee A.; Bhattacharya S.; Trivedi T.; Singh R.P.; Muralithar S.; Negi D.; Palit R.; Nag S.; Rajbanshi S.; Raju M.K.; Kumar S.; Choudhury D.; Kumar R.; Bhowmik R.K.; Pancholi S.C.; Jain A.K.	Shape coexistence and octupole correlations in Se 72	2022	Physical Review C	16	10.1103/PhysRevC.105.014322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124238857&doi=10.1103%2fPhysRevC.105.014322&partnerID=40&md5=1a1e71160da3ee06f97c65b73e3bd2b2	Scopus
Mukherjee S.; Rizvi S.S.; Biswas G.; Paswan A.K.; Vaiphei S.P.; Warsi T.; Mitran T.	Aquatic Eco-systems Under Influence of Climate Change and Anthropogenic Activities: Potential Threats and Its Mitigation Strategies	2022	Hydrogeochemistry of Aquatic Ecosystems	4	10.1002/9781119870562.ch14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149262805&doi=10.1002%2f9781119870562.ch14&partnerID=40&md5=b05729c0c3627597333b50cb6766c16f	Scopus
Hossain M.S.; Ao S.; Mondal T.K.; Sain A.; Khan M.S.H.; Xiao W.; Zhang P.	Understanding the Deformation Structures and Tectonics of the Active Orogenic Fold-Thrust Belt: Insights from the Outer Indo-Burman Ranges	2022	Lithosphere	7	10.2113/2022/6058346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129955976&doi=10.2113%2f2022%2f6058346&partnerID=40&md5=a428e6785b8c9a88fcc093ed69dbf534	Scopus
Alatrash H.; Tawaha A.R.M.; Jabbour Y.; Al-Tawaha A.R.; Abusalem M.; Khanum S.; Karnwal A.; Dey A.; Shatnawi M.; Thangadurai D.; Sangeetha J.; Turk M.; Imran; Amanullah; Khalid S.	Abiotic Stress Response and Adoption of Triticale	2022	Omics Approach to Manage Abiotic Stress in Cereals	2	10.1007/978-981-19-0140-9_25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161945671&doi=10.1007%2f978-981-19-0140-9_25&partnerID=40&md5=35a738be514ee3fd86232601973a791e	Scopus

Aafreedi N.J.	ANTISEMITIC RHETORIC IN URDU ON YOUTUBE: An Analysis	2022	Antisemitism on Social Media	0	10.4324/9781003200499-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143462303&doi=10.4324%2f9781003200499-8&partnerID=40&md5=49e12bc8779d40d5a3e23f23312f5355	Scopus
Islam M.	Artificial intelligence in Indian films: Anukul and AI ethics	2022	Short Film Studies	1	10.1386/sfs_00082_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144730243&doi=10.1386%2fsfs_00082_1&partnerID=40&md5=0d2b8d584e2bd6749c842f6f8e8b2c0e	Scopus
Dey S.; Anand U.; Bhattacharya S.; Kumar V.; Dey A.	Microbial Community Composition and Functions in Activated Sludge Treatment System	2022	Omics Insights in Environmental Bioremediation	3	10.1007/978-981-19-4320-1_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159209124&doi=10.1007%2f978-981-19-4320-1_8&partnerID=40&md5=eb60135e1d78fa096c34c75f4e6f8de1	Scopus
Batiha G.E.-S.; Moubarak M.; Shaheen H.M.; Zakariya A.M.; Usman I.M.; Rauf A.; Adhikari A.; Dey A.; Alexiou A.; Hetta H.F.; Al-Gareeb A.I.; Al-Kuraishy H.M.	Favipiravir in SARS-CoV-2 Infection: Is it Worth it?	2022	Combinatorial Chemistry and High Throughput Screening	7	10.2174/1386207325666220414111840	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138608934&doi=10.2174%2f1386207325666220414111840&partnerID=40&md5=0316901968506766290285766707 6feb	Scopus
Khanum S.; Al Tawaha A.R.M.; Al-Tawaha A.R.; Abusalem M.; Rauf A.; Karnwal A.; Dey A.; Shatnawi M.; Thangadurai D.; Sangeetha J.; Turk M.; Imran; Amanullah; Khalid S.	Cereal Physiology, Flowering, and Grain Yield Under Abiotic Stress Imposed by Different Heavy Metals	2022	Omics Approach to Manage Abiotic Stress in Cereals	2	10.1007/978-981-19-0140-9_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161907553&doi=10.1007%2f978-981-19-0140-9_3&partnerID=40&md5=db50a240469b70ef4e50ae50745add5c	Scopus

Namhata A.; Kalikote A.; Paul S.; Husain Z.	Online Network Formation Among Students During COVID-19: Analysing Path Dependency in a Natural Experimental Setting	2022	Studies in Microeconomics	0	10.1177/23210222221111654	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135152185&doi=10.1177%2f23210222221111654&partnerID=40&md5=4980feaab0c22d6890dbc123bb3e63a2	Scopus
Chaudhuri T.; Nandakumar D.; Datta S.S.; Husain Z.; Sukumaran R.K.; Yadav I.S.; Krishnan S.; Panda S.	Information-sharing experiences of professionals looking after children with cancer: a qualitative exploration from a specialist paediatric oncology unit in India	2022	ecancermedicalscience	2	10.3332/ecancer.2022.1399	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131967663&doi=10.3332%2fecancer.2022.1399&partnerID=40&md5=3e665369751b37944a32f6ac5539281a	Scopus
Mittal K.R.; Pharasi N.; Sarna B.; Singh M.; Rachana; Haider S.; Singh S.K.; Dua K.; Jha S.K.; Dey A.; Ojha S.; Mani S.; Jha N.K.	Nanotechnology-based drug delivery for the treatment of CNS disorders	2022	Translational Neuroscience	11	10.1515/tnsci-2022-0258	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147126692&doi=10.1515%2ftnsci-2022-0258&partnerID=40&md5=43da5ea0c2738d41aaee6483ede298bb	Scopus
Dewanjee S.; Chakraborty P.; Dey A.; Bhattacharya H.; Bhattacharyya C.; Sanyal R.; Bhowmik M.	Plant polysaccharides for colon-targeted drug delivery	2022	Plant Polysaccharides as Pharmaceutical Excipients	0	10.1016/B978-0-323-90780-4.00012-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151746472&doi=10.1016%2fB978-0-323-90780-4.00012-7&partnerID=40&md5=f5119497cd3ec9e849b6566d15dfcb60	Scopus
Das S.; Mondal A.; Samanta J.; Chakraborty S.; Sengupta A.	Tale of Viruses in Male Infertility	2022	Advances in Experimental Medicine and Biology	1	10.1007/978-3-030-89340-8_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131153448&doi=10.1007%2f978-3-030-89340-8_13&partnerID=40&md5=47d6776ba52189232c1c99db3d4bfe97	Scopus

Barathe P.; Reddy S.; Kaur K.; Shriram V.; Bhagwat R.; Dey A.; Verma S.K.; Kumar V.	Nanomaterial-Mediated Delivery of Antimicrobial Agents: 'The Nanocarriers'	2022	Nanotechnology in the Life Sciences	0	10.1007/978-3-031-10220-2_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144703898&doi=10.1007%2f978-3-031-10220-2_3&partnerID=40&md5=2545096d64df5d25971fc3f67309de6d	Scopus
Dasgupta D.; Kundu A.; Dasgupta N.	An insight to the cryospheric level in Mars: Case study from the Thaumasia Minor	2022	Icarus	0	10.1016/j.icarus.2021.114725	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116901548&doi=10.1016%2fj.icarus.2021.114725&partnerID=40&md5=d58459a46bea901ba460715ef2d1b615	Scopus
Mollah S.; Biswas S.; Khajanchi S.	Impact of awareness program on diabetes mellitus described by fractional-order model solving by homotopy analysis method	2022	Ricerche di Matematica	14	10.1007/s11587-022-00707-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131754142&doi=10.1007%2fs11587-022-00707-3&partnerID=40&md5=1074dc70ed89d41855e5d899ad72ffa6	Scopus
Mithun S.; Sahana M.; Chattopadhyay S.; Chatterjee S.; Islam J.; Costache R.	Comparative framework for spatially explicit urban growth modeling for monitoring urban land-use efficiency and sustainable urban development (SDG 11.3.1): a study on Kolkata metropolitan area, India	2022	Geocarto International	3	10.1080/10106049.2022.2136259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140824006&doi=10.1080%2f10106049.2022.2136259&partnerID=40&md5=cf50e1a2b8eef092d4875b695bf41bc8	Scopus
Kaur K.; Barathe P.; Reddy S.; Shriram V.; Dey A.; Gosavi S.; Kumar V.	Nanoformulations Against Multidrug-Resistant Members of ESKAPE Pathogens	2022	Nanotechnology in the Life Sciences	1	10.1007/978-3-031-10220-2_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144718869&doi=10.1007%2f978-3-031-10220-2_12&partnerID=40&md5=67d409dfe12ec9ba51586ad2458b4637	Scopus

Maitra S.; Mukerjee N.; Dey A.; Ghosh A.; Alexiou A.	Drug Development Strategies and Immunological Aspects of SARS-CoV-2	2022	Open Public Health Journal	1	10.2174/1874945-v15-e2206200	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141156227&doi=10.2174%2f18749445-v15-e2206200&partnerID=40&md5=419f1ddd18686ffba6ada01ba3ac7c0e	Scopus
Palchoudhury S.; Palchaudhury S.	Bionanomaterials for diagnosis and therapy of SARS-CoV-2	2022	Bionanotechnology: Emerging Applications of Bionanomaterials	0	10.1016/B978-0-12-823915-5.00014-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137535583&doi=10.1016%2fB978-0-12-823915-5.00014-9&partnerID=40&md5=d5c2b033ff7ffc50e0db1b2561ba1e3f	Scopus
Mitra S.; Anand U.; Jha N.K.; Shekhawat M.S.; Saha S.C.; Nongdam P.; Rengasamy K.R.R.; Proćków J.; Dey A.	Anticancer Applications and Pharmacological Properties of Piperidine and Piperine: A Comprehensive Review on Molecular Mechanisms and Therapeutic Perspectives	2022	Frontiers in Pharmacology	39	10.3389/fphar.2021.772418	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123212956&doi=10.3389%2ffphar.2021.772418&partnerID=40&md5=63b6f38ac68d8f0ecfa7f4650282668d	Scopus
Dalal S.; Adhikary J.; Roy A.; Biswas S.S.; Mukhopadhyay P.K.; Acharya S.; Ghosh A.	Impact of hyperglycemia on the expression of GLUT1 during oral carcinogenesis in rats	2022	Molecular Biology Reports	0	10.1007/s11033-022-07653-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132410918&doi=10.1007%2fs11033-022-07653-1&partnerID=40&md5=d195897c903833bad3ee34c383eb9d84	Scopus
Das T.; Ghorai M.; Anand U.; Ghosh A.; Nongdam P.; Shekhawat M.S.; Pandey D.K.; Dey A.	Nano-adjuvants as Effective Next-Generation Antimicrobial Agents	2022	Nanotechnology in the Life Sciences	0	10.1007/978-3-031-10220-2_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144740410&doi=10.1007%2f978-3-031-10220-2_5&partnerID=40&md5=a0a40bd87f81e2183b08aa7003bdf11a	Scopus

Ray A.	Caste and public policy: The case of West Bengal	2022	Caste Matters in Public Policy: Issues and Perspectives	0	10.4324/9781003104919-10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153124377&doi=10.4324%2f9781003104919-10&partnerID=40&md5=9216c72e56713ea3aa8ba7b3acd0fb81	Scopus
Biswas N.; Mandal L.	Treatment strategies against selected common tropical parasitic diseases	2022	Viral, Parasitic, Bacterial, and Fungal Infections: Antimicrobial, Host Defense, and Therapeutic Strategies	2	10.1016/B978-0-323-85730-7.00058-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150096788&doi=10.1016%2fB978-0-323-85730-7.00058-8&partnerID=40&md5=2214cf025d4d5d1c439408f56dc95c56	Scopus
Bardhan A.; Ghosh A.	Oxidative Stress Associated Non-coding RNAs in Pathogenesis of Urologic Cancers: Prognostic and Therapeutic Importance	2022	Handbook of Oxidative Stress in Cancer: Therapeutic Aspects: Volume 1	0	10.1007/978-981-16-5422-0_236	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160488896&doi=10.1007%2f978-981-16-5422-0_236&partnerID=40&md5=0d6e3e5961762222ad7887ec08505f86	Scopus
Yusuf K.Z.; Ansar W.; Goswami A.; Mandal S.; Tahrim H.; Poddar S.; Jawed J.J.	COVID-19 COMPLICATIONS AND SUGGESTED MEASURES: MODERN TOOLS FOR INTERVENING PANDEMIC	2022	Journal of Health and Translational Medicine	1	10.22452/jummec.vol25no1.23	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138440790&doi=10.22452%2fjummec.vol25no1.23&partnerID=40&md5=698d8132294f85277a806dbb328f4f94	Scopus
Das T.; Ray P.; Nandy S.; Al-Tawaha A.R.; Pandey D.K.; Kumar V.; Dey A.	Piezophilic Fungi: Sources of Novel Natural Products with Preclinical and Clinical Significance	2022	Extremophilic Fungi: Ecology, Physiology and Applications	1	10.1007/978-981-16-4907-3_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166032843&doi=10.1007%2f978-981-16-4907-3_22&partnerID=40&md5=33e603a5c8f52766d75944837dd9324d	Scopus

Mandal L.; Biswas N.	Host immune responses against parasitic infection	2022	Viral, Parasitic, Bacterial, and Fungal Infections: Antimicrobial, Host Defense, and Therapeutic Strategies	0	10.1016/B978-0-323-85730-7.00060-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150101176&doi=10.1016%2fB978-0-323-85730-7.00060-6&partnerID=40&md5=b36147858dc82c9b7be60bfad3024351	Scopus
Mondal A.; Bag S.; Banik A.; Chandra R.	Nanobiotechnology of endophytes	2022	Agricultural Nanobiotechnology: Biogenic Nanoparticles, Nanofertilizers and Nanoscale Biocontrol Agents	0	10.1016/B978-0-323-91908-1.00018-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137582325&doi=10.1016%2fB978-0-323-91908-1.00018-3&partnerID=40&md5=5d19606f6fda7947bde7abc5e944edac	Scopus
Jha N.K.; Chen W.-C.; Kumar S.; Dubey R.; Tsai L.-W.; Kar R.; Jha S.K.; Gupta P.K.; Sharma A.; Gundamaraju R.; Pant K.; Mani S.; Singh S.K.; Maccioni R.B.; Datta T.; Singh S.K.; Gupta G.; Prasher P.; Dua K.; Dey A.; Sharma C.; Mughal Y.H.; Ruokolainen J.; Kesari K.K.; Ojha S.	Molecular mechanisms of developmental pathways in neurological disorders: A pharmacological and therapeutic review	2022	Open Biology	9	10.1098/rsob.210289	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126712939&doi=10.1098%2frsob.210289&partnerID=40&md5=c18391c170596ff6a1ebfa36b427b363	Scopus
Adhikari S.	The Liminal Space of Postmemory: An Examination of Hyphenated Identities	2022	International Journal of Interdisciplinary Cultural Studies	0	10.18848/2327-008X/CGP/v17i01/117-129	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139424213&doi=10.18848%2f2327-008X%2fCGP%2fv17i01%2f117-129&partnerID=40&md5=b097013da6c6debf0ad1aac7f99aa1eb	Scopus

Biswas S.; Das A.	A generalization of Pappus graph	2022	Electronic Journal of Graph Theory and Applications	0	10.5614/ejgta.2022.10.1.25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131065916&doi=10.5614%2fejgta.2022.10.1.25&partnerID=40&md5=a9482481e539da603562de3e1d04ce24	Scopus
Mukherjee S.; Debabhuti N.; Manna S.; Sharma P.; Tudu B.; Bandyopadhyay R.	Development of an oil film-coated QCM sensor for detection of ß-myrcene in black pepper	2022	2022 2nd International Conference on Emerging Frontiers in Electrical and Electronic Technologies, ICEFEET 2022	0	10.1109/ICEFEET51821.2022.9848062	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137177101&doi=10.1109%2fICEFEET51821.2022.9848062&partnerID=40&md5=db0378e6d0646d606303f86b4bd2646a	Scopus
Lakshmidevi J.; Ramesh Naidu B.; Avula S.K.; Majhi A.; Chia P.W.; Al-Harrasi A.; Venkateswarlu K.	A waste valorization strategy for the synthesis of phenols from (hetero)arylboronic acids using pomegranate peel ash extract	2022	Green Chemistry Letters and Reviews	4	10.1080/17518253.2022.2082261	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134579318&doi=10.1080%2f17518253.2022.2082261&partnerID=40&md5=ba34099c58464aa39f5e499a68703f0d	Scopus
Sengupta B.; Biswas P.; Roy D.; Lovett J.; Simington L.; Fry D.R.; Travis K.	Anticancer Properties of Kaempferol on Cellular Signaling Pathways	2022	Current Topics in Medicinal Chemistry	3	10.2174/1568026622666220907112822	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146468432&doi=10.2174%2f1568026622666220907112822&partnerID=40&md5=b1985633587ba678ea93e68f72a1f462	Scopus
Bhattacharjee R.; Mitra T.; Mitra P.; Biswas S.; Ghosh S.; Chattopadhyay S.; Malik S.; Dey A.	Effective Materials in the Photocatalytic Treatment of Dyestuffs and Stained Wastewater	2022	Environmental Science and Engineering	2	10.1007/978-3-031-08991-6_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139516155&doi=10.1007%2f978-3-031-08991-6_7&partnerID=40&md5=b6f57918baf6251b2dcc780bb6e3d47e	Scopus

Sinha S.	Ethnicity and Identity Politics	2022	Encyclopedia of Violence, Peace, & Conflict: Volume 1-4, Third Edition	0	10.1016/B978-0-12-820195-4.00251-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152310637&doi=10.1016%2fB978-0-12-820195-4.00251-X&partnerID=40&md5=180c1310fecc8b936ba671085b690ce8	Scopus
Sanyal R.; Paul A.D.; Das T.; Dewanjee S.; Al-Tawaha A.R.; Bursal E.; Biswas P.; Kumar M.; Radha; Nandy S.; Gopalakrishnan A.V.; Rahman M.H.; Shekhawat M.S.; Pandey D.K.; Malik T.; Dey A.	Atractylodes lancea (Thunb.) DC.: Ethnobotany, Phytochemistry, Pharmacological Attributes, and Safety Profile	2022	Medicinal Plants of the Asteraceae Family: Traditional Uses, Phytochemistry and Pharmacological Activities	0	10.1007/978-981-19-6080-2_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151194007&doi=10.1007%2f978-981-19-6080-2_6&partnerID=40&md5=b91c6da2d1984421c72829adef77d21f	Scopus
Dey S.; Basu S.; Shah S.; Bhattacharyya D.; Gupta P.P.; Acharjee M.; Roychoudhury S.; Nath S.	Deep sequencing reveals the spectrum of BCR-ABL1 mutations upon front-line therapy resistance in chronic myeloid leukemia: An Eastern-Indian cohort study	2022	Cancer Treatment and Research Communications	1	10.1016/j.ctarc.2022.100635	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138503427&doi=10.1016%2fj.ctarc.2022.100635&partnerID=40&md5=24ed0437a04f4c3943a7fa254c2467da	Scopus
Sutar D.; Mukerjee N.; Mukherjee D.; Maitra S.; Dey A.; Alexiou A.; Ghosh A.	COVID-19 and HIV-associated Nephropathies: Double Whammy	2022	Open Public Health Journal	0	10.2174/1874944 5-v15-e2208170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141198328&doi=10.2174%2f18749445-v15-e2208170&partnerID=40&md5=a0e83a90d8c700c813b07bc6dd949226	Scopus
Chakraborty N.; Mandal A.; Mandal S.	Palaeoclimatic imprint on fluvial sediments: Examples from Indian Phanerozoic successions	2022	Ecological Significance of River Ecosystems: Challenges and Management Strategies	0	10.1016/B978-0-323-85045-2.00023-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129893375&doi=10.1016%2fB978-0-323-85045-2.00023-6&partnerID=40&md5=5aa859ff2be6e3f1df600ea4b0ac777b	Scopus

Natarajan L.; Soupam D.; Dey S.; Chandrasekaran N.; Kundu R.; Paul S.; Mukherjee A.	Toxicity of polystyrene microplastics in freshwater algae Scenedesmus obliquus: Effects of particle size and surface charge	2022	Toxicology Reports	12	10.1016/j.toxrep.2022.10.013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140737577&doi=10.1016%2fj.toxrep.2022.10.013&partnerID=40&md5=3fab724a6d0f703ad02d9bf6a49f9892	Scopus
Sanyal R.; Nandi S.; Mandal S.; Dewanjee S.; Al-Tawaha A.R.; Bursal E.; Biswas P.; Kumar M.; Radha; Nandy S.; Gopalakrishnan A.V.; Rahman M.H.; Shekhawat M.S.; Pandey D.K.; Malik T.; Dey A.	Eclipta prostrata (L.) L.: Traditional Use, Phytochemistry, and Pharmacology	2022	Medicinal Plants of the Asteraceae Family: Traditional Uses, Phytochemistry and Pharmacological Activities	0	10.1007/978-981-19-6080-2_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151172450&doi=10.1007%2f978-981-19-6080-2_11&partnerID=40&md5=6ab286fde8a3ae21d1b10da9c4a4e6af	Scopus
Biswas C.; Adhikari M.; Sen K.; Maity S.; Guchhait R.; Pramanick K.	Strategies to Improve Delivery of Bioactive Agents	2022	Application of Nanoparticles in Tissue Engineering	0	10.1007/978-981-16-6198-3_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166043348&doi=10.1007%2f978-981-16-6198-3_5&partnerID=40&md5=cf00c2d33bdd5ba4a8c1972656b06311	Scopus
Cameron P.J.; Das A.; Dey H.K.	On some properties of vector space based graphs	2022	Linear and Multilinear Algebra	1	10.1080/03081087.2022.2121370	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138009075&doi=10.1080%2f03081087.2022.2121370&partnerID=40&md5=3e3e4c5e727390780cbb60027a6ae54f	Scopus
Das T.; Al-Tawaha A.R.; Pandey D.K.; Nongdam P.; Shekhawat M.S.; Dey A.; Choudhary K.; Sahay S.	Halophilic, Acidophilic, Alkaliphilic, Metallophilic, and Radioresistant Fungi: Habitats and Their Living Strategies	2022	Extremophilic Fungi: Ecology, Physiology and Applications	4	10.1007/978-981-16-4907-3_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163884169&doi=10.1007%2f978-981-16-4907-3_9&partnerID=40&md5=3053df1b9bc11451c679a1cbcf3eed00	Scopus

Paul R.; Hu C.; Gayen R.	Optically Transparent Electrodes for Electrocapacitive Energy Storage and Integrated Systems	2022	Encyclopedia of Energy Storage: Volume 1-4	0	10.1016/B978-0-12-819723-3.00124-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151736201&doi=10.1016%2fB978-0-12-819723-3.00124-4&partnerID=40&md5=9c6604331cd17d9db8fece0d2bd990aa	Scopus
Senthil Kumar S.; Ranga Swamy K.	Role of Computational Intelligence Techniques in Diagnosing Alzheimer's disease at Early Stages: A Systematic Literature Review	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	0	10.1109/ICEARS53579.2022.9752192	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128954413&doi=10.1109%2fICEARS53579.2022.9752192&partnerID=40&md5=1e306eeeb489592c01ff9bfb18f3ba7a	Scopus
Banerjee P.; Chandra S.	A Metropolis study of the isothermal magnetic entropy change in spin-1/2 Ising model	2022	Materials Today: Proceedings	0	10.1016/j.matpr.2021.11.610	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127942614&doi=10.1016%2fj.matpr.2021.11.610&partnerID=40&md5=a31f81cbe819e95db6b06f68dd95f540	Scopus
Sharma A.; Sharma R.; Sharma M.; Kumar M.; Barbhai M.D.; Lorenzo J.M.; Sharma S.; Samota M.K.; Atanassova M.; Caruso G.; Naushad M.; Radha; Chandran D.; Prakash P.; Hasan M.; Rais N.; Dey A.; Mahato D.K.; Dhumal S.; Singh S.; Senapathy M.; Rajalingam S.; Visvanathan M.; Saleena L.A.K.; Mekhemar M.	Carica papaya L. Leaves: Deciphering Its Antioxidant Bioactives, Biological Activities, Innovative Products, and Safety Aspects	2022	Oxidative Medicine and Cellular Longevity	13	10.1155/2022/2451733	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132293822&doi=10.1155%2f2022%2f2451733&partnerID=40&md5=a0ceeaacb81a26b886e8c56b4fd918b6	Scopus

Boddu S.K.; Ur Rehman N.; Mohanta T.K.; Majhi A.; Avula S.K.; Al-Harrasi A.	A review on DBU-mediated organic transformations	2022	Green Chemistry Letters and Reviews	10	10.1080/17518253.2022.2132836	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140237019&doi=10.1080%2f17518253.2022.2132836&partnerID=40&md5=5892590877af67c84f3cd74bae6cf194	Scopus
Biswas M.; Gogoi M.P.; Mondal B.; Sivasankar T.; Mukherjee S.; Dasgupta S.	Geomorphic assessment of active tectonics in Jaisalmer basin (Western Rajasthan, India)	2022	Geocarto International	11	10.1080/10106049.2022.2066726	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131008060&doi=10.1080%2f10106049.2022.2066726&partnerID=40&md5=e269ce49de28c184661ec010f25c4600	Scopus
Dey S.; Shekhawat M.S.; Pandey D.K.; Ghorai M.; Anand U.; Hoda M.; Bhattacharya S.; Bhattacharjee R.; Ghosh A.; Nongdam P.; Kumar V.; Dey A.	Microbial community and their role in bioremediation of polluted e-waste sites	2022	Metagenomics to Bioremediation: Applications, Cutting Edge Tools, and Future Outlook	2	10.1016/B978-0-323-96113-4.00006-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142832345&doi=10.1016%2fB978-0-323-96113-4.00006-8&partnerID=40&md5=794280e57ee1f285de39db963f03c814	Scopus
Biswas S.; Ghosh S.; Maji S.; Das S.; Roy S.S.; Bhattacharjee R.; Mitra P.; Malik S.; Dey A.	Mechanistic Aspect of the Dye Degradation Using Photocatalysts	2022	Environmental Science and Engineering	1	10.1007/978-3-031-08991-6_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139503381&doi=10.1007%2f978-3-031-08991-6_10&partnerID=40&md5=1d7d1353cc7d66790af8396658950dc3	Scopus
Das A.; Dey H.K.	Determining Number of Kneser Graphs: Exact Values and Improved Bounds	2022	Discrete Mathematics and Theoretical Computer Science	1	10.46298/dmtcs.7627	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132534860&doi=10.46298%2fdmtcs.7627&partnerID=40&md5=ed0bc1019338b5e1cc1066dde00c8a95	Scopus

Adhikari A.; Adhikari M.R.	Basic Topology 1: Metric Spaces and General Topology	2022	Basic Topology 1: Metric Spaces and General Topology	4	10.1007/978-981-16-6509-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161898280&doi=10.1007%2f978-981-16-6509-7&partnerID=40&md5=5b1b8ec2a2707b7adce91c877f9201b4	Scopus
Das A.; Saha M.; Al-Kaseasbeh S.	On co-maximal subgroup graph of a group	2022	Ricerche di Matematica	1	10.1007/s11587-022-00718-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132573172&doi=10.1007%2fs11587-022-00718-0&partnerID=40&md5=2df47cf4c6ac0d9a8b0c12bb3f7b878d	Scopus
Jain V.; Ghorai M.; Das T.; Dey A.	Anticancerous Compounds from Bryophytes: Recent Advances with Special Emphasis on Bis(bi)benzyls	2022	Reference Series in Phytochemistry	0	10.1007/978-3-030-97415-2_3-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144926117&doi=10.1007%2f978-3-030-97415-2_3-1&partnerID=40&md5=c44a7d9f68f1260babd971857975d7ed	Scopus
Chandra S.	A Monte Carlo study on the temperature dependence of hysteresis loops in Ising Spin-1 Square Bilayers	2022	Materials Today: Proceedings	1	10.1016/j.matpr.2022.06.214	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133368337&doi=10.1016%2fj.matpr.2022.06.214&partnerID=40&md5=54cf6a2d22b781337217c1d225c84ca6	Scopus
Saha J.; Chaudhuri D.; Kundu A.; Bhattacharya S.; Roy S.; Giri K.	Phylogenetic, structural, functional characterisation and effect of exogenous spermidine on rice (Oryza sativa) HAK transporters under salt stress	2022	Functional Plant Biology	3	10.1071/FP22059	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139726559&doi=10.1071%2fFP22059&partnerID=40&md5=cb2c4141588138290cf29d11acb301c9	Scopus

Saha R.; Banerjee D.B.; Manna S.; Banerjee S.	Microbial bioremediation: A promising approach to withstand heavy metal contamination in soil and its future possibilities	2022	Synergistic Approaches for Bioremediation of Environmental Pollutants: Recent Advances and Challenges	1	10.1016/B978-0-323-91860-2.00018-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146872460&doi=10.1016%2fB978-0-323-91860-2.00018-X&partnerID=40&md5=13eefc73df9d506a2cd2536fb4b1c40a	Scopus
Banerjee S.; Basak M.; Dutta S.; Chanda C.; Dey S.; Dey A.; Somkuwar B.G.; Kharlyngdoh E.; Das M.	Sustainable uses of bamboo by indigenous people with special emphasis on North-East India	2022	Indigenous People and Nature: Insights for Social, Ecological, and Technological Sustainability	1	10.1016/B978-0-323-91603-5.00016-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138121736&doi=10.1016%2fB978-0-323-91603-5.00016-6&partnerID=40&md5=4c4546604f9909f3e698421e8b70bca0	Scopus
Bannerji P.; Bhanja R.	Analysing the Relationship Between Rising Urban Heat Islands and Climate Change of Howrah Sadar Subdivision in the Past Two Decades Using Geospatial Indicators	2022	Springer Climate	1	10.1007/978-3-031-15501-7_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146244282&doi=10.1007%2f978-3-031-15501-7_21&partnerID=40&md5=e329dd67f18d0328efe42acc03ff9c4c	Scopus
Das T.; Nandy S.; Pandey D.K.; Al-Tawaha A.R.; Nongdam P.; Bursal E.; Shekhawat M.S.; Dey A.	Physiology and Molecular Biology of Psychrotrophic Fungi: An Insight	2022	Extremophilic Fungi: Ecology, Physiology and Applications	0	10.1007/978-981-16-4907-3_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166147818&doi=10.1007%2f978-981-16-4907-3_7&partnerID=40&md5=b160bd6009a08be09a5b849fcb98431f	Scopus
Das T.; Ghorai M.; Pandey D.K.; Radha; Thakur M.; Rathour S.; Al-Tawaha A.R.; Bursal E.; Kumar V.; Nongdam P.; Shekhawat M.S.; El-Saber Batiha G.; Ghosh A.; Dwivedi P.; Kumar V.; Kumar M.; Dey A.	CRISPR/Cas Genome Editing in Engineering Plant Secondary Metabolites of Therapeutic Benefits	2022	Metabolic Engineering in Plants	1	10.1007/978-981-16-7262-0_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160492253&doi=10.1007%2f978-981-16-7262-0_8&partnerID=40&md5=fe2c3227fef43fdbac94c28b7387b574	Scopus

Bhandari S.; Kumar V.; Kukreja S.; Dey A.; Goutam U.	Microbiome stimulants and their applications in crop plants	2022	Relationship Between Microbes and the Environment for Sustainable Ecosystem Services, Volume 1: Microbial Products for Sustainable Ecosystem Services	0	10.1016/B978-0-323-89938-3.00009-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137929943&doi=10.1016%2fB978-0-323-89938-3.00009-8&partnerID=40&md5=3a3d3cde25b36889a77a25e53cbf7fb2	Scopus
Adhikari A.; Adhikari M.R.	Basic Topology 2: Topological Groups, Topology of Manifolds and Lie Groups	2022	Basic Topology 2: Topological Groups, Topology of Manifolds and Lie Groups	4	10.1007/978-981-16-6577-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161891407&doi=10.1007%2f978-981-16-6577-6&partnerID=40&md5=0962b438283b5e6b8382108a3ba0b5e0	Scopus
Roy B.; Sen R.	On ω∗-open sets and decomposition of continuity	2022	Topological Algebra and its Applications	1	10.1515/taa-2022-0121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143395956&doi=10.1515%2ftaa-2022-0121&partnerID=40&md5=6f3356c28795998af753e140ab41eb65	Scopus
Pal P.; De A.; Roychowdhury T.; Mukhopadhyay P.K.	Vitamin C and E supplementation can ameliorate NaF mediated testicular and spermatozoal DNA damages in adult Wistar rats	2022	Biomarkers	6	10.1080/1354750X.2022.2048891	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126349880&doi=10.1080%2f1354750X.2022.2048891&partnerID=40&md5=f9e2bd4e277936a94936ec8f9a7b5eaf	Scopus
Mukherjee A.; Nandy A.; Sil S.; Chakrabarti A.	Tailoring flat bands and topological phases in a multistrand Creutz network	2022	Physical Review B	9	10.1103/PhysRevB.105.035428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124194754&doi=10.1103%2fPhysRevB.105.035428&partnerID=40&md5=e2017900b72fa9ea5d2b41aa332fda05	Scopus

Das S.; Chatterjee S.; Rajbanshi J.	Responses of soil organic carbon to conservation practices including climate-smart agriculture in tropical and subtropical regions: A meta-analysis	2022	Science of the Total Environment	26	10.1016/j.scitotenv.2021.150428	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115437075&doi=10.1016%2fj.scitotenv.2021.150428&partnerID=40&md5=e2e5248be24a7507c03ffbf3181a4bdb	Scopus
Ghosh A.K.; Saha U.; Biswas S.; ALOthman Z.A.; Islam M.A.; Dolai M.	Anthracene-triazole-dicarboxylate-Based Zn(II) 2D Metal Organic Frameworks for Efficient Catalytic Carbon Dioxide Fixation into Cyclic Carbonates under Solvent-Free Condition and Theoretical Study for the Reaction Mechanism	2022	Industrial and Engineering Chemistry Research	18	10.1021/acs.iecr.1c03291	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122010170&doi=10.1021%2facs.iecr.1c03291&partnerID=40&md5=2c4cae2efeaa9259638fd536380ce453	Scopus
Dutta T.; Nandy S.; Singh J.; Pandey D.K.; Dey A.	Chitin and chitosan as elicitors in sustainable production of medicinal crops	2022	New and Future Developments in Microbial Biotechnology and Bioengineering: Sustainable Agriculture: Revisiting Green Chemicals	3	10.1016/B978-0-323-85581-5.00017-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146747871&doi=10.1016%2fB978-0-323-85581-5.00017-3&partnerID=40&md5=cbda772137ef4ace93278220297d5fcb	Scopus
Das T.; Nandy S.; Al-Tawaha A.R.; Nongdam P.; Bursal E.; Shekhawat M.S.; Dey A.	Modulation of Physiological and Molecular Switches in Thermophilic Fungi: A Brief Outlook	2022	Extremophilic Fungi: Ecology, Physiology and Applications	0	10.1007/978-981-16-4907-3_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166132695&doi=10.1007%2f978-981-16-4907-3_5&partnerID=40&md5=983e5d5f677b78b1f584dab04d4b2e77	Scopus
Biswas P.; Nandy S.; Dey A.; Tikendra L.; Nongdam P.	Molecular Markers in Assessing Genetic Clonal Fidelity for in Vitro Propagated Endangered Medicinal Plants	2022	Molecular Genetics and Genomics Tools in Biodiversity Conservation	2	10.1007/978-981-16-6005-4_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130275892&doi=10.1007%2f978-981-16-6005-4_6&partnerID=40&md5=fff2f33f01d160573618a3d995ec3ee5	Scopus

Mitra D.; Banerji S.	A feasibility analysis into urban road runoff harvesting in the planned township of New Town, West Bengal, India	2022	Hydrological Sciences Journal	1	10.1080/02626667.2022.2079417	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131739014&doi=10.1080%2f02626667.2022.2079417&partnerID=40&md5=ad8ae5861270fa821e1e66bb4b621d45	Scopus
Dutta M.; Husain Z.; Sinha A.K.	The Impact of COVID-19 on India and the Global Order: A Multidisciplinary Approach	2022	The Impact of COVID-19 on India and the Global Order: A Multidisciplinary Approach	1	10.1007/978-981-16-8472-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153840745&doi=10.1007%2f978-981-16-8472-2&partnerID=40&md5=d65d6b2cd5da4426bcf1271eec08a5a2	Scopus
Deb Barman S.	Of Martyrs and “Social Dynamites”: The Ghadar and IWW in California	2022	Comparative American Studies	1	10.1080/14775700.2022.2128246	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146480818&doi=10.1080%2f14775700.2022.2128246&partnerID=40&md5=21fe2b00370939ab0a1bf1164fe0beb9	Scopus
Santra S.; Banerjee A.; Das B.	Polycation charge and conformation of aqueous poly(acrylamide-co-diallyldimethylammonium chloride): Effect of salinity and temperature	2022	Journal of Molecular Structure	3	10.1016/j.molstruc.2021.131292	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113167954&doi=10.1016%2fj.molstruc.2021.131292&partnerID=40&md5=dd3efab5d6f2b44c51c501c35629b4a8	Scopus
Alam M.N.; Chakraborti T.; Ghosh P.; Pramanik P.K.; Devgupta P.; Chakraborti S.	Some Aspects of Oxidative Stress-Induced Prostate Cancer Therapy	2022	Handbook of Oxidative Stress in Cancer: Therapeutic Aspects: Volume 1	0	10.1007/978-981-16-5422-0_144	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160507898&doi=10.1007%2f978-981-16-5422-0_144&partnerID=40&md5=c3359e778417beabaddd573edc79f1a8	Scopus

Rangaiah Y.V.; Sharma A.K.; Bhargavi T.; Chopra M.; Mahapatra C.; Tiwari A.	A Taxonomy towards Blockchain based Multimedia content Security	2022	Proceedings - 2022 2nd International Conference on Innovative Sustainable Computational Technologies, CISCT 2022	16	10.1109/CISCT55310.2022.10046548	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149433715&doi=10.1109%2fCISCT55310.2022.10046548&partnerID=40&md5=cfcbbd82321c1ff0c5b053c1debd6530	Scopus
Ali M.S.	Cancer stem cells	2022	Understanding Cancer: From Basics to Therapeutics	0	10.1016/B978-0-323-99883-3.00005-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130654395&doi=10.1016%2fB978-0-323-99883-3.00005-6&partnerID=40&md5=a2b06be835b227c5806e72f4ded22b91	Scopus
Kadir E.S.; Gayen R.N.	Graphene oxide incorporated flexible and free-standing PVDF/ZnO composite membrane for mechanical energy harvesting	2022	Sensors and Actuators A: Physical	4	10.1016/j.sna.2021.113305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120875205&doi=10.1016%2fj.sna.2021.113305&partnerID=40&md5=5bdbc2dae1d196c307fef7eb76830f14	Scopus
Nazir R.; Gupta S.; Dey A.; Kumar V.; Gupta A.P.; Shekhawat M.S.; Goyal P.; Pandey D.K.	In vitro tuberization, genetic, and phytochemical fidelity assessment of Dioscorea deltoidea	2022	Industrial Crops and Products	10	10.1016/j.indcrop.2021.114174	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119613778&doi=10.1016%2fj.indcrop.2021.114174&partnerID=40&md5=095a80d134f7eec58370c28c02abee2f	Scopus
Raychaudhuri B.; Roy S.	A Proof of Concept for Estimating the Annual Atmospheric Carbon Dioxide Variation from Orbiting Carbon Observatory-3 vEarly Data	2022	IEEE Geoscience and Remote Sensing Letters	3	10.1109/LGRS.2021.3099172	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112613552&doi=10.1109%2fLGRS.2021.3099172&partnerID=40&md5=926a54c8c60031bf2067e88db42ae09a	Scopus

Debabhuti N.; Mukherjee S.; Neogi S.; Sharma P.; Sk U.H.; Maiti S.; Sarkar M.P.; Tudu B.; Bhattacharyya N.; Bandyopadhyay R.	A study of vegetable oil modified QCM sensor to detect β-pinene in Indian cardamom	2022	Talanta	14	10.1016/j.talanta.2021.122837	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114296018&doi=10.1016%2fj.talanta.2021.122837&partnerID=40&md5=b4e8fcd30ffeb0da2742b3997d36743f	Scopus
Das S.; Shit P.K.; Patel P.P.	Ecosystem services value assessment and forecasting using integrated machine learning algorithm and CA-Markov model: an empirical investigation of an Asian megacity	2022	Geocarto International	11	10.1080/10106049.2021.2002424	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119336615&doi=10.1080%2f10106049.2021.2002424&partnerID=40&md5=5a11151c671efcdfb9987dcda01e79dd	Scopus
Chakraborty S.; Novotný J.; Das J.; Bardhan A.; Roy S.; Mondal S.; Patel P.P.; Santra S.; Maity I.; Biswas R.; Maji A.; Pramanik S.	Geography matters for sanitation! Spatial heterogeneity of the district-level correlates of open defecation in India	2022	Singapore Journal of Tropical Geography	9	10.1111/sjtg.12402	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119850857&doi=10.1111%2fsjtg.12402&partnerID=40&md5=c60360f60cb1b6ed41144a14611382e9	Scopus
Bag S.; Mondal A.; Banik A.	Exploring tea (Camellia sinensis) microbiome: Insights into the functional characteristics and their impact on tea growth promotion	2022	Microbiological Research	25	10.1016/j.micres.2021.126890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117419065&doi=10.1016%2fj.micres.2021.126890&partnerID=40&md5=910ccae1d588264b8a31fc7d981630ea	Scopus
Dutta T.; Nandy S.; Dey A.	Urban ethnobotany of Kolkata, India: a case study of sustainability, conservation and pluricultural use of medicinal plants in traditional herbal shops	2022	Environment, Development and Sustainability	7	10.1007/s10668-021-01493-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106341467&doi=10.1007%2fs10668-021-01493-y&partnerID=40&md5=28c0065efda453008fa8e9104c1504cd	Scopus
Ghosh K.G.	Sediment transport at the river confluences: few observations from a sub-tropical plateau fringe river of eastern India	2022	Geology, Ecology, and Landscapes	2	10.1080/24749508.2020.1752501	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109130050&doi=10.1080%2f24749508.2020.1752501&partnerID=40&md5=d086a97320f3c5eac39884a0e4698dde	Scopus

Boral A.; Khamaru M.; Mitra D.	Designing synthetic transcription factors: A structural perspective	2022	Advances in Protein Chemistry and Structural Biology	0	10.1016/bs.apcsb.2021.12.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123688692&doi=10.1016%2fbs.apcsb.2021.12.003&partnerID=40&md5=c571f275cc623137bbeced6b254cf915	Scopus
Bandopadhyay S.; Anand U.; Gadekar V.S.; Jha N.K.; Gupta P.K.; Behl T.; Kumar M.; Radha; Shekhawat M.S.; Dey A.	Dioscin: A review on pharmacological properties and therapeutic values	2022	BioFactors	23	10.1002/biof.1815	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121344376&doi=10.1002%2fbiof.1815&partnerID=40&md5=b2cc6f49b3fa86c4e70f4956067660a9	Scopus
Dutta K.; Mukherjee R.; Sen D.; Sahu S.	Effect of COVID-19 lockdown on sleep behavior and screen exposure time: an observational study among Indian school children	2022	Biological Rhythm Research	21	10.1080/09291016.2020.1825284	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092525585&doi=10.1080%2f09291016.2020.1825284&partnerID=40&md5=4a13eb2d8c289c0640184fa2643d921f	Scopus
Anand U.; Li X.; Sunita K.; Lokhandwala S.; Gautam P.; Suresh S.; Sarma H.; Vellingiri B.; Dey A.; Bontempi E.; Jiang G.	SARS-CoV-2 and other pathogens in municipal wastewater, landfill leachate, and solid waste: A review about virus surveillance, infectivity, and inactivation	2022	Environmental Research	79	10.1016/j.envres.2021.111839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112344302&doi=10.1016%2fj.envres.2021.111839&partnerID=40&md5=a8d26f158fd0052fb3cc77af775aeb48	Scopus
Das A.; Bose S.; Dasgupta S.; Roy S.; Mukhopadhyay B.	Post-Oligocene evolution of Indo-Burma wedge: Insights from deformation structures of Tripura Mizoram fold belt	2022	Journal of Structural Geology	3	10.1016/j.jsg.2021.104497	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121666486&doi=10.1016%2fj.jsg.2021.104497&partnerID=40&md5=ad00c04d9badee6974e1e0bbe6b0b2ae	Scopus
Mondal S.; Patel P.P.	Mapping, Measuring and Modelling Common Fluvial Hazards in Riparian Zones: A Brief Review of Relevant Concepts and Methods	2022	Advances in Geographic Information Science	5	10.1007/978-3-030-75197-5_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120895685&doi=10.1007%2f978-3-030-75197-5_16&partnerID=40&md5=fd4f8e5995338db5da399fc84eef0c8c	Scopus

Bardhan A.; Banerjee A.; Basu K.; Pal D.K.; Ghosh A.	PRNCR1: a long non-coding RNA with a pivotal oncogenic role in cancer	2022	Human Genetics	13	10.1007/s00439-021-02396-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118421761&doi=10.1007%2fs00439-021-02396-8&partnerID=40&md5=46e5c2d3b00ea48b0a873b301ca4f424	Scopus
Chatterjee S.; Das S.; Bhanja P.; E. S. E.; Thapa R.; Ruidas S.; Chongdar S.; Ray S.; Bhaumik A.	Ag nanoparticles immobilized over highly porous crystalline organosilica for epoxidation of styrene using CO2 as oxidant	2022	Journal of CO2 Utilization	6	10.1016/j.jcou.2021.101843	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120853967&doi=10.1016%2fj.jcou.2021.101843&partnerID=40&md5=e8441bdd69a8bff219c11a4418426c82	Scopus
Sarkar B.; Das P.; Islam N.; Basak A.; Debnath M.; Roy R.	Land suitability analysis for paddy crop using GIS-based Fuzzy-AHP (F-AHP) method in Koch Bihar district, West Bengal	2022	Geocarto International	7	10.1080/10106049.2021.2007299	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120537583&doi=10.1080%2f10106049.2021.2007299&partnerID=40&md5=d2310197f38ccb772ddcc40909b088b6	Scopus
Islam N.; Patel P.P.	Inventory and GLOF hazard assessment of glacial lakes in the Sikkim Himalayas, India	2022	Geocarto International	6	10.1080/10106049.2020.1869332	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100947773&doi=10.1080%2f10106049.2020.1869332&partnerID=40&md5=e0a5505f667bcafac01ed8db9a347b49	Scopus
Tikendra L.; Apana N.; Potshangbam A.M.; Amom T.; Choudhary R.; Sanayaima R.; Dey A.; Nongdam P.	Dendrobium sp.: In vitro Propagation of Genetically Stable Plants and Ethnomedicinal Uses	2022	Reference Series in Phytochemistry	1	10.1007/978-3-030-38392-3_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123629644&doi=10.1007%2f978-3-030-38392-3_30&partnerID=40&md5=f402684fd751ca6f09584a4d0c1f9164	Scopus

Khajanchi S.; Sarkar K.; Banerjee S.	Modeling the dynamics of COVID-19 pandemic with implementation of intervention strategies	2022	European Physical Journal Plus	35	10.1140/epjp/s13360-022-02347-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122936834&doi=10.1140%2fepjp%2fs13360-022-02347-w&partnerID=40&md5=4cad76eb21e1747ce7f269886b9c0d65	Scopus
Mitra S.; Anand U.; Sanyal R.; Jha N.K.; Behl T.; Mundhra A.; Ghosh A.; Radha; Kumar M.; Proćków J.; Dey A.	Neoechinulins: Molecular, cellular, and functional attributes as promising therapeutics against cancer and other human diseases	2022	Biomedicine and Pharmacotherapy	13	10.1016/j.biopha.2021.112378	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118491337&doi=10.1016%2fj.biopha.2021.112378&partnerID=40&md5=365988e5e12d535c9ac0447d84c2e432	Scopus
Baag S.; Mandal S.	Combined effects of ocean warming and acidification on marine fish and shellfish: A molecule to ecosystem perspective	2022	Science of the Total Environment	28	10.1016/j.scitotenv.2021.149807	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113293950&doi=10.1016%2fj.scitotenv.2021.149807&partnerID=40&md5=2cfa7f5c5bd613073172fb9a53517ce5	Scopus
Datta K.K.; Ghara R.; Hoque A.; Majumdar S.	Large H i optical depth and redshifted 21-cm signal from cosmic dawn	2022	Monthly Notices of the Royal Astronomical Society	4	10.1093/mnras/stab3035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121252009&doi=10.1093%2fmnras%2fstab3035&partnerID=40&md5=b88c732c7f1ce365eb9d2ea6ae8da2e4	Scopus
Majumder S.; Giri K.	An insight into the binding mechanism of Viprinin and its morpholine and piperidine derivatives with HIV-1 Vpr: molecular dynamics simulation, principal component analysis and binding free energy calculation study	2022	Journal of Biomolecular Structure and Dynamics	4	10.1080/07391102.2021.1954553	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110974305&doi=10.1080%2f07391102.2021.1954553&partnerID=40&md5=a37d52a8a781d89979c1cd62e01241f6	Scopus
Das R.	An optimal design in a two-stage ethical allocation based on U-statistics	2022	Journal of Statistical Computation and Simulation	1	10.1080/00949655.2021.2006658	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121470182&doi=10.1080%2f00949655.2021.2006658&partnerID=40&md5=9f583c152c6a820af6464fc2308d99bc	Scopus

Banerji S.; Mitra D.	Assessment of air quality in Kolkata before and after COVID-19 lockdown	2022	Geocarto International	5	10.1080/10106049.2021.1936209	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111641138&doi=10.1080%2f10106049.2021.1936209&partnerID=40&md5=bcb352384842a94962ac5d6258e338d1	Scopus