

<b>3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/</b>						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations
Nash versus coarse correlation	Indrajit Ray (first author)	Experimental Economics	2020		Presidency University	1
Economic Evaluation of Population-Based BRCA1/BRCA2 Mutation Testing across Multiple Countries and Health Systems	Zakir Husain (Co-author)	Cancers	2020		Presidency University	1
Fertility behaviour in linguistic zones: An application of the regression discontinuity method to Greater Bengal	Zakir Husain (Co-author)	Asian Population Studies	2020		Presidency University	1
Has the National Health Mission Improved Maternal Healthcare services in Bihar	Zakir Husain (Co-author)	Economic & Political Weekly	2019		Presidency University	
Do labor rights help to protect human rights? An empirical exploration	Prithviraj Guha (first author)	Applied Economics Letters	2020		Presidency University	
Sequential group lending with and without group liability: Grameen I versus Grameen II	Saswattee Mukherjee	Journal of Development Entrepreneurship	2020		Presidency University	
Factors Affecting the Illegal Mining Activities in Salanpur Coal belt of West Bengal	Supravat Bagli (Co-author)	Vidyasagar University Journal of Economics	2019		Presidency University	
Multidimensional Poverty: An Exploratory Study in Purulia District, West Bengal	Supravat Bagli (Co-author)	Economic Affairs	2019		Presidency University	
Risk Perception, Choice of Source and Treatment Decision: Exploring Water Consumption Behaviour in Darjeeling, India	Pravesh Tamang (Co-author)	Nature Environment and Pollution Technology	2020		Presidency University & Vidyasagar University	

Early atmosphere and hydrosphere oxygenation: Clues from Precambrian paleosols and chemical	Chakraborty, P. P., Mukhopadhyay, J., Paul, P.,	Episodes (IUGS).	2020	2	Presidency University	2
Archean Banded iron Formations of India. Earth-Science Reviews,	Mukhopadhyay, J.	Earth-Science Reviews	2020	6	Presidency University	4
Clay Mineral and Geochemical Proxies for Intense Climate Change in the Permian Gondwana Rock Record from Eastern India	Ghosh, S., Mukhopadhyay, J., and Chakraborty, A.,	Research (Science Partner Group Journal-SPJ: AAAS & CAS)	2019	1	Presidency University	1
Oxygenation of early atmosphere and potential stratigraphic records from India' in Gupta, N., and Tandon, SK. eds. Geodynamics of the Indian Plate of the Indian Plate: Evolutionary Perspectives	Mukhopadhyay, J.	in Gupta, N., and Tandon, SK. eds. Geodynamics of the Indian Plate of the Indian Plate: Evolutionary Perspectives		2	Presidency University	2
Roy, S., Bose., S., Saha, P., 2020. Spatial variations of ductile strain in fold-and-thrust belts: From model to nature. Journal of Structural Geology, 134, 104012 IF 2.884	Roy. S., Bose. S., Saha. P.,	Journal of Structural Geology	2020			
Ghosh, S., Bose, S., Mandal, N., Laik, A., 2020. Mid-crustal ramping of the Main Himalayan Thrust in Nepal to Bhutan Himalaya: New insights from analogue and numerical experiments. Tectonophysics, 782-783, 228425. IF 3.048	Ghosh, S., Bose, S., Mandal, N., Laik, A.,	Tectonophysics	2020			
Biswas, S., and Bhaumik, A. K., (2020). Timing and cause of the disappearance of some elongated taxa in the Indian Ocean: Study from NGHP Hole 17A. Journal of Earth System Science, 129(1), 128	Biswas, S. and Bhaumik, A. K.	Study from NGHP Hole 17A. Journal of Earth System Science,	2020		Presidency University	

Warsi, T., Kumar, V. S., Kumar, D., Nandan, M. J., Biswas, G., Sahadevan, D. K Manikyamba, C., Rao, T.V., Rangarajan, R., Ahmed, S. and Chandrasekhar, V. (2020). Integration of geophysics and petrography for identifying the aquifer and the rock type: A case study from Giddalur, Andhra Pradesh, India. Journal of Earth System Science, 129(1), 1-13.	Warsi, T., Kumar, V. S., Kumar, D., Nandan, M. J., Biswas, G., Sahadevan, D. K Manikyamba, C., Rao, T.V., Rangarajan, R., Ahmed, S. and Chandrasekhar,	A case study from Giddalur, Andhra Pradesh, India. Journal of Earth System Science,	2020		Presidency University, Kolkata	
Petrogenetic re-examination of spinel + quartz assemblage in the Larsemann Hills, East Antarctica	Bose, S., Mondal, A.K., Bakshi, A.K., Jose, J.R	Polar Science	2020		Presidency University, Kolkata	
Origin of orthopyroxene-bearing felsic gneiss in the perspective of ultrahigh temperature metamorphism: an example from the Chilka Lake migmatite complex, Eastern Ghats Belt, India	Bose, S., Das, K., Torimoto, J., Dunkley, D.J.	Mineralogical Magazine	2020		Presidency University, Kolkata	0
Deformation and metamorphic history of the Singhbhum Craton vis-à-vis peripheral mobile belts, eastern India: implications on Precambrian crustal processes	Ghosh, G., Bose, S.	Journal of Mineralogical and Petrological Sciences	2020		Presidency University, Kolkata	1
Geology of the Proterozoic Eastern Ghats Belt: recent developments and outstanding issues	Bose, S.	Special issue of the Proceedings of the Indian National Science Academy: 36th IGC 2020 Geoscience Research in India: The Indian Report to IUGS 2016-2020	2020			3

Chakraborti, T.M., Ray, Arijit., and Deb, G.K., Upadhyay, D. and Chakrabari, R. 2019. Evidence of crustal reworking in the Mesoarchean: Insights from geochemical, U-Pb zircon and Nd isotopic study of a 3.08-3.12 Ga ferro-potassic granite-gneiss from north-eastern margin of Singhbhum craton, India. Lithos 330–331 (2019) 16–34.	Chakraborti, T.M., Ray, Arijit., and Deb, G.K., Upadhyay, D. and Chakrabari, R.	study of a 3.08-3.12 Ga ferro-potassic granite-gneiss from north-eastern margin of Singhbhum craton, India.	2019			2
Chakraborti, T.M., Ray, Arijit., and Deb, G.K. 2019. Reappraisal of the 'early Proterozoic gabbro-anorthosite suite' rocks from the eastern Singhbhum craton, India: Insights from field features, petrography-mineralogy and geochemistry. Journal of Earth System Science. 128:219. <a href="https://doi.org/10.1007/s12040-019-1244-0">https://doi.org/10.1007/s12040-019-1244-0</a>	Chakraborti, T.M., Ray, Arijit., and Deb, G.K.	Journal of Earth System Science.	2019			
Chakraborty, K., Ray, Arijit., Chatterjee, A., Deb, G. K., and Das, K. 2019. Neoproterozoic granitic activity in syn-collisional setting: Insight from petrology, geochemistry and zircon-monazite geochronology of S-type granites of the Chotanagpur Granite Gneissic Complex, eastern india. Geological Journal. DOI: 10.1002/gj.3555.	Chakraborty, K., Ray, Arijit., Chatterjee, A., Deb, G. K., and Das, K.	Geological Journal.	2019			

Dasgupta, P., Ray, Arijit., and Chakraborti, T.M. 2019. Geochemical characterisation of the Neoproterozoic younger dolerite dykes of the Bahalda region, Singhbhum craton, Odisha, India: Implication for petrogenesis. Journal of Earth System Science 128:216, <a href="https://doi.org/10.1007/s12040-019-1228-0">https://doi.org/10.1007/s12040-019-1228-0</a>	Dasgupta, P., Ray, Arijit., and Chakraborti, T.M.	Journal of Earth System Science	2019			
Assessment of the Land-Use Pattern Changes and Its Impact on Groundwater Quality in Parts of the National Capital Region (NCR) Delhi, India	Sarkar, A., Arora, S., Kumar, S., Shekhar, S., & Kaushik, S.		2020			
Bera A, Mukhopadhyay BP, Barua S (2020) Delineation of groundwater potential zones in Karha river basin, Maharashtra, India, using AHP and geospatial techniques. Arabian Journal of Geoscience 13(15):1-21. <a href="https://doi.org/10.1007/s12517-020-05702-2">https://doi.org/10.1007/s12517-020-05702-2</a>	Bera A, Mukhopadhyay BP, Barua S	Arabian Journal of Geoscience	2020			
Mukhopadhyay, B. P., Barua, S., Bera, A., Mitra, A. K. (2020). Study on the Quality of Groundwater and its Impact on Human Health: A Case Study from Murshidabad District, West Bengal. Journal of the Geological Society of India, 96(6), 597602. <a href="https://doi.org/10.1007/s12594-020-1608-8">https://doi.org/10.1007/s12594-020-1608-8</a>	Mukhopadhyay, B. P., Barua, S., Bera, A., Mitra, A. K.	Journal of the Geological Society of India	2020			
On the existence of a perennial river in the Harappan heartland	Chatterjee A., Ray J. S., Shukla A. K., Pande K.	Scientific Reports	2019		Presidency university and PRL	4

A Review of Recent Provenance Studies from the Ghaggar-Hakra-Nara Alluvium: Link to the Lost river of the Harappan Civilization	Chatterjee A	Proceedings of the Indian National Science Academy	2020		Presidency university	0
Tracing multiple sources of sediments using trace element and Nd isotope geochemistry: provenance of the Mesozoic succession in the Kutch Basin, western India	Chaudhuri A., Chatterjee A., Banerjee S., Ray J. S.	Geological Magazine	2020		Presidency university	0
Integrating AMS data with structural studies from Granitoid rocks of the Eastern Dharwar Craton, south India: Implications on successive fabric development and regional tectonics	Das, P., Mukherjee, S., Das, K., Ghosh, G.,	Journal of Structural Geology	2019			
Serpentinite enigma of the Rakhobdev lineament in western India: Origin, deformation characterization and tectonic implications.	Sarkar, D.P., Ando, J., Das, K., Chattopadhyay, A., Ghosh, G., Shimiju, K., Ohfuji, H.,	Journal of Mineralogical and Petrological Sciences	2020			
Detrital zircon U–Pb LA-ICPMS ages from the Kolhan Group, Singhbhum Craton, eastern India: Implications for terminal Mesoproterozoic palaeogeography between Columbia and Rodinia along the Central Indian Tectonic Zone	Mukhopadhyay, J., Crowley, Q., Ghosh, B., Ghosh, G., Heron, K.	Geological Journal	2020			
Application of Dynamic Disorder Approach to the Temperature Dependent Non -exponential Electron transfer kinetics in Rhodospseudomonas viridis.	Prasanta Kundu, soma saha and Gautam Gangopadhyay	J.Stat.Mach.: Theory and Experiment	2019		Presidency Unirversity, Kolkata	1

Kinetics of Escape of ssDNA Molecules from $\alpha$ -Hemolysin Nanopores : A Dynamic Disorder study.	Prasanta Kundu,soma saha and Gautam Gangopadhyay	J.Stat.Mach.: Theory and Experiment	2020		Presidency Unirversity, Kolkata	0
Mechanical Unfolding of single Poly-ubiquitin molecules reveals evidence of Dyanmic Disorder	Prasanta Kundu,soma saha and Gautam Gangopadhyay	ACS Omega	2020		Presidency Unirversity, Kolkata	0
Stochastic Kinetic Approach to the Escape of DNA Hairpins from $\alpha$ -Hemolysin channel.	Prasanta Kundu,soma saha and Gautam Gangopadhyay	J.Phys.chem.B	2020		Presidency Unirversity, Kolkata	1
Enhanced capacity of fluoride scavenging from contaminated water by nano-archtectural reorientation of cerium-incorporated hydrous iron oxide with graohene oxide	Kankan Mukhopadhyay, Uday Chand Ghosh, Palani Sasikumar	Environmental Science and Pollution Research	2019		Presidency Unirversity, Kolkata	4
One-pot synthesis of $\beta$ -cyclodextrin amended mesoporous cerium(IV) incorporated ferric oxide surface towards the evaluation of fluoride removal efficiency from contaminated water for point of use	Kankan Mukhopadhyay, Animesh Naskar, Uday Chand Ghosh, Palani Sasikumar	Journal of Hazardous Materials	2020		Presidency Unirversity, Kolkata	3
One-pot synthesis of Cr(III)-incorporated Zr(IV) oxide for fluoride remediation: a lab to field performance evaluation study	Sarat Kanrar, Abir Ghosh, Ayan Ghosh, Arpan Mondal, Mriganka Sadhukhan, Uday Chand Ghosh, Palani Sasikumar	Environmental Science and Pollution Research	2020		Presidency Unirversity, Kolkata	1
Redox-Assisted Arsenic(III) Adsorption for Removal from Aqueous Solution by Cerium(IV)-Incorporated Zirconium Oxide Nanocomposites	Abir Ghosh, Sarat Kanrar, Debabrata Nandi, Palani Sasikumar, Krishna Biswas, Uday Chand Ghosh	Journal of Chemical & Engineering Data	2020		Presidency Unirversity, Kolkata	1
Adsorption behaviour of bromophenol blue from the aqueous solution on Labeo bata fish scale, a bio-waste material	U Ghosh, Abir Ghosh Ghosh, Sasikumar Palani, Krishna Biswas	Indian Journal of Chemical Technology (IJCT)	2019		Presidency Unirversity, Kolkata	2

Counterion-binding and related phenomena in sodium alginate-sodium chloride-water ternary systems: A conductometric study	S. Santra, Bijan Das	Journal of Molecular Liquids	2019		Presidency Unirversity, Kolkata	
Spectroscopic and interfacial investigation on the interaction of hemoglobin with conventional and ionic liquid surfactants	S. Mondal, A. Banerjee, Bijan Das	Journal of Molecular Liquids	2020		Presidency Unirversity, Kolkata	
Counterion, medium and salinity-induced shrinkage/expansion of poly(sodium styrenesulfonate) in 2-ethoxyethanol-water mixed solvent media as probed by viscosimetry	R. De, Bijan Das	Journal of Molecular Structure	2020		Presidency Unirversity, Kolkata	
TITAN: A Code for Modeling and Generating Electric Fields—Features and Applications to Enzymatic Reactivity	Thijs Stuyver, Jing Huang, Dibyendu Mallick, David Danovich, and Sason Shaik	Journal of Computational Chemistry	2020		Presidency Unirversity, Kolkata	11
Biocatalytic Aza-Michael Addition of Aromatic Amines to Enone Using $\alpha$ -Amylase in Water	Sunil Dutt, Vanshita Goel, Neha Garg, Diptiman Choudhury, Dibyendu Mallick, Vikas Tvagi	Advanced Synthesis and Catalysis	2020		Presidency Unirversity, Kolkata	4
Oriented (Local) Electric Fields Drive the Millionfold Enhancement of the H-Abstraction Catalysis Observed for Synthetic Metalloenzyme Analogues	Thijs Stuyver, Rajeev Ramanan, Dibyendu Mallick, and Sason Shaik	Angewandte Chemie Internation Edition	2020		Presidency Unirversity, Kolkata	7
Non-Gaussian Normal Diffusion in a Fluctuating corrugated Chennel	Li, F. Marchesoni, D Debnath, P.K. Ghosh	Physical Review Research 1	2019		Presidency Unirversity, Kolkata	
Diffusion of chiral Janus particales in convection rolls	Y Li, L Li, F Marchesoni, D Debnath, P. K Ghosh	Physical Review Research 2 (I)	2020		Presidency Unirversity, Kolkata	
Enhanced motility in a binary maxture of active nano/microswimmers,	D. Debnath, P.K Ghosh, V. R Misko, Y. Li, F Marchesoni, F Nori.	Nanoscale 12 (17)			Presidency Unirversity, Kolkata	



Tunable Luminescence of a synthesized fuorophenanthraquinone derivative: interactions with different solvents	Aparna Sarkar, Dinesh Kumar Pyne, Tuyan Biswas, Pampa Das, Gandhi K. Kar, Arnab Halder	Luminescence	2020		Presidency Unirversity, Kolkata	
Evaluation of bioavailability of rutin in different solvents by rutin-albumin interaction and selection of effective dose to ameliorate radiation induced cytotoxicity in human peripheral blood mononuclear cells	Priti Sengupta, Prasenjit Mondal, Adity Bose, J. Herbal Medicine	HERBAL MEDICINE	2020		Presidency Unirversity, Kolkata	
Multi-spectroscopic and Computational Evaluation on the Binding of Sinapic Acid and its Cu (II) Complex with Bovine Serum Albumn	Priti Sengupta, Uttam Pal, Prasenjit Mondal, Adity Bose	Food Chemistry	2019		Presidency Unirversity, Kolkata	
"Zwitterionic poly (vinylidene fluoride) graft copolymer with unexpected fluorescence property"	Mahuya Pakhira, Radhakanta Ghosh, Santi P Rath, Dhruva P Chatterjee, Arun K Nandi.	Langmuir	2019		Presidency Unirversity, Kolkata	
"Hierarchical nanocomposites by oligomer-initiated controlled polymerization of aniline on graphene oxide sheets for energy storage"	Tapas Ghosh, Udayan Basak, Partha Bairi, Radhakanta Ghosh, Mahuya Pakhira, Ranadeb Ball, Biplab Biswas, Dhruva P Chatterjee.	ACS Appl. Nano Mater	2020		Presidency Unirversity, Kolkata	
"Grafting of Electroactive Polymers"	Arun K Nandi, Radhakanta Ghosh, Dhruva P Chatterjee	Reactive and Functional Polymers Volume Two Springer, Cham	2020		Presidency Unirversity, Kolkata	
Nickel complexes of ligands derived from (o-hydroxyphenyl) dichalcogenide: delocalised redox states of nickel and o-chalcogenophenolate ligands	Sridhar Banerjee, Debobrata Sheet, Subhash Sarkar, Partha Halder and Tapan Kanti Paine	Delton Transactions	2019		Presidency Unirversity, Kolkata	

Synthesis of a Novel Coumarin Derivative and its Binding Interaction with Serum Albumins.	Sandip Paul, Raju Ghanti, Pinki Saha Sardar, and Anjoy Majhi.	Chemistry of Heterocyclic Compounds	2019		Presidency Unirversity, Kolkata	
Predicting dam-related downstream geomorphic response with widely available stream gauge data: A case study of the Godavari River Basin, India	Sanyal, J., Dasgupta, P., & Kanae, S.	Singapore Journal of Tropical Geography	2020		Presidency Unirversity, Kolkata	
Some respite for India's dirtiest river? Examining the Yamuna's water quality at Delhi during the COVID-19 lockdown period	Priyank Pravin Patel, Sayoni Mondal, Krishna Gopal Ghosh* (*Corresponding Author)	Science of The Total Environment	2020	8.6	Presidency Unirversity, Kolkata	8
Assessing the soil quality of Bansloi river basin, eastern India using soil-quality indices (SQIs) and Random Forest machine learning technique	Gopal Chandra Paul, Sunil Saha, Krishna Gopal Ghosh	Ecological Indicators	2020	7.6	Presidency Unirversity, Kolkata	1
Short-term exposure to ambient air quality of the most polluted Indian cities due to lockdown amid SARS-CoV-2	Susanta Mahato, Krishna Gopal Ghosh* (*Corresponding Author)	Science of The Total Environment	2020	8.6	Presidency Unirversity, Kolkata	12
Effect of lockdown amid COVID-19 pandemic on air quality of the megacity Delhi, India	Susanta Mahato, Swades Pal, Krishna Gopal Ghosh* (*Corresponding Author)	Science of The Total Environment	2020	8.6	Presidency Unirversity, Kolkata	316
Sediment transport at the river confluences: few observations from a sub-tropical plateau fringe river of eastern India	Krishna Gopal Ghosh	Geology, Ecology, and Landscapes	2020	0	Presidency Unirversity, Kolkata	0
Land-use–land-cover change detection and application of Markov model: A case study of Eastern part of Kolkata	Mery Biswas, Suranjana Banerji, Deblina Mitra	Environment, Development and Sustainability, Springer	2020	H-index=52	Presidency Unirversity, Kolkata	2

Evolutionary characteristics of meander cut-off — A hydro - morphological study of the Jalangi River, West Bengal, India.	Mery Biswas & Pradyut Dhara	Arabian Journal of Geosciences	2019		Presidency Unirversity, Kolkata	0
Changes in river bed terrain and its impact on flood propagation -a case study of River Jayanti.	Ankita Paul & Mery Biswas	Geomatics, Natural Hazards and Risk	2019		Presidency Unirversity, Kolkata	1
Reading the geography of India's district-level fertility differentials: a spatial econometric approach	Ismail Haque Dipendra Nath Das Priyank Pravin Patel	Journal of Biosocial Science	2019	Journal Citation Reports © Clarivate Analytics	Presidency University, Kolkata	3
Location matters: Unravelling the spatial dimensions of neighbourhood level housing quality in Kolkata, India	Ismail Haque Md. Juel Rana Priyank Pravin Patel	Habitat International	2020	Journal Citation Reports © Clarivate Analytics	Presidency University, Kolkata	5
Implementing Vetiver grass-based riverbank protection programmes in rural West Bengal, India	Sayoni Mondal Priyank Pravin Patel	Natural Hazards	2020	Journal Citation Reports © Clarivate Analytics	Presidency University, Kolkata	1
Delimitation of the Municipal Wards in Kolkata	Aritra Chakraborty	Indian Journal of Regional Science	2019			
Water logging problem inn south Dum Dum Municipality	C.Dey and A.Chakraborty	The Geographical Review of India	2020			
On detailed field-based observations of laterite and laterization: a study in the Paschim Medinipur lateritic upland of India	Sarkar, T., Mishra, M., & Chatterjee, S.	Journal of Sedimentary Environments	2020			

Hyaluronan-binding protein 1 (HABP1) overexpression triggers induction of senescence in fibroblasts cells	Vikramdeo KS#, Saha P#, Dutta S, Kumar N, Chowdhury AR, Kumar S, Tyagi RK, Ghosh I, Datta K (# Equal Contribution)	Cell Biology International	2020		Jawaharlal Nehru University	1
Characterization of a tea pest specific Bacillus thuringiensis and identification of its toxin by MALDI-TOF mass spectrometry	Avishek Banik, Amarnath Chattopadhyay, Subir Ganguly, Subhra Kanti Mukhopadhyay	Industrial Crops and Products	2020		Presidency University and The University of Burdwan	2
Parasites and bacteria associated with Indian pangolins Manis crassicaudata (Mammalia: Manidae)	Rajesh Kumar Mohapatra, Avishek Banik, Sarat Kumar Sahu, Sudarsan Panda, Tushar Kanti Dangar	Global Ecology and Conservation	2020		Presidency University	0
Plant Growth-Promoting Traits of a Thermophilic Strain of the Klebsiella Group with its Effect on Rice Plant Growth	Trinetra Mukherjee, Avishek Banik, Subhra Kanti Mukhopadhyay	Current Microbiology	2020		Presidency University	1
GhMATE1 expression regulates Aluminum tolerance of cotton and overexpression of GhMATE1 enhances acid soil tolerance of Arabidopsis,	Atreyee Kundu, Markkandan Ganesan,	Current Plant Biology,	2020		Presidency University	1
Functional aspects of T cell diversity in visceral leishmaniasis.	Junaid Jibrán Jawed, Sayanika Dutta, Subrata Majumdar	Biomedicine and Pharmacotherapy	2019		Bose Institute	8
Lignan enriched fraction (LRF) of Phyllanthus amarus promotes apoptotic cell death in human cervical cancer cells in vitro	Subhabrata Paul, Debashis Patra, Rita Kundu	Scientific reports	2019		Presidency University	0
Enhancement of nitrogen assimilation and photosynthetic efficiency by novel iron pulsing technique in Oryza sativa L. var Pankaj	Swarnali Dey, Rita Kundu, Geetha Gopal, Amitava Mukherjee, Anish Nag, Subhabrata Paul	Plant Physiology and Biochemistry	2019		Presidency University	4

An unorthodox metal-free synthesis of dihydro-6 H-quinoline-5-ones in ethanol/water using a non-nucleophilic base and their cytotoxic studies on human cancer cell line	Arijit Kundu, Bhaswati Bhattacharyya, Kaliprasanna Dhara, Subhabrata Paul, Indira Majumder, Rita Kundu	New Journal of Chemistry	2020		Presidency University	0
Facile synthesis of antibiotic encapsulated biopolymeric okra mucilage nanoparticles: molecular docking, in vitro stability and functional evaluation	Al Masum, Abdulla, Kunal Pal, Ishita Saha, Deblina Ghosh, Shubham Roy, Sougata Ghosh Chowdhury, Md Maidul Islam, and Parimal Karmakar	Advances in Natural Sciences: Nanoscience and Nanotechnology	2020		Presidency University	0
Hyperphosphorylation of CDH1 in Glioblastoma Cancer Stem Cells Attenuates APC/CCDH1 Activity and Pharmacologic Inhibition of APC/CCDH1/CDC20 Compromises Viability	Kuntal De, Treg M Grubb, Abigail A Zalenski, Kayla E Pfaff, Debjani Pal, Shubhra Majumder, Matthew K Summers, Monica Venere	Molecular Cancer Research	2019		Presidency University	9
EBNA3C facilitates RASSF1A downregulation through ubiquitin-mediated degradation and promoter hypermethylation to drive B-cell proliferation	Shengwei Zhang, Yonggang Pei, Fengchao Lang, Kunfeng Sun, Rajnish Kumar Singh, Zachary L Lamplugh, Abhik Saha, Erle S Robertson	PLoS pathogens	2019		Presidency University	4
Mechanisms of B-cell oncogenesis induced by Epstein-Barr virus	Abhik Saha, Erle S Robertson	Journal of virology	2019		Presidency University	23
Proteasomal inhibition triggers viral oncoprotein degradation via autophagy-lysosomal pathway	Chandrima Gain, Samaresh Malik, Shaoni Bhattacharjee, Arijit Ghosh, Erle S Robertson, Benu Brata Das, Abhik Saha	PLoS pathogens	2020		Presidency University	1

Carrier escape mechanism in laterally correlated InAs sub-monolayer quantum dots using temperature dependent photoluminescence.	Mukherjee, S., A. Pradhan, A., Mukherjee, S., Maitra, T., Sengupta, S., Chakrabarti, S., Nayak, A., Bhunia, S.	J. Luminescence	2019	2	Presidency University, Kolkata	2
Improved spectral and temporal response of MSM photodetectors fabricated on MOCVD grown spontaneous AlGaAs superlattice.	Pradhan, A., Mukherjee, S., Maitra, T., Mukherjee, S., Nayak, A., Bhunia, S.	Sensors and Actuators A: Physical	2019	3	Presidency University, Kolkata	2
Probing bias and power dependency of high-performance broadband Mg/ZnSnP <sub>2</sub> /Sn back-to-back Schottky junction photodetectors.	Mukherjee, S., Maitra, T., Pradhan, A., Mukherjee, S., Bhunia, S., Nayak, A.	Solar Energy Materials and Solar Cells	2020	2	Presidency University, Kolkata	2
Fast-response symmetric coplanar Ni/AlGaInP/Ni visible photodetector.	Maitra, T., Mukherjee, S., Pradhan, A., Mukherjee, S., Nayak, A., Bhunia, S.	Sensors and Actuators A: Physical	2020	1	Presidency University, Kolkata	1
Retrieval of Leaf area index and stress conditions for Sundarban mangroves using Sentinel-2 data	Manna, S., Raychaudhuri, B.	International Journal of Remote Sensing	2020		Presidency University, Kolkata	5
Detailed study of the ELAIS N1 field with the uGMRT - I. Characterizing the 325 MHz foreground for redshifted 21 cm observations	Chakraborty, Arnab; Datta, Abhirup; Choudhuri, Samir; Roy, Nirupam; Intema, Huib; Choudhury, Madhurima;	Monthly Notices of Royal Astronomy Society	2019	10	Presidency University, Kolkata	
Detailed study of ELAIS N1 field with the uGMRT II. Source properties and spectral variation of foreground power spectrum from 300-500 MHz observations	Chakraborty, Arnab; Roy, Nirupam; Datta, Abhirup; Choudhuri, Samir; Datta, Kanan K.; Dutta, Prasun; Bharadwaj, Somnath; Intema, Huib; Choudhury, Madhurima; Pal, Srijita; Choudhury, Tirthankar Roy	Monthly Notices of Royal Astronomy Society	2019	11	Presidency University, Kolkata	

Bubble mapping with the Square Kilometre Array - I. Detecting galaxies with Euclid, JWST, WFIRST, and ELT within ionized bubbles in the intergalactic medium at $z > 6$	Zackrisson, Erik; Majumdar, Suman; Mondal, Rajesh; Binggeli, Christian; Sahlén, Martin; Choudhury, Tirthankar Roy; Ciardi, Benedetta; Datta, Abhirup; Datta, Kanan K.; Dayal, Pratika; Ferrara, Andrea; Giri, Sambit K.; Maio, Umberto; Malhotra, Sangeeta; Mellema, Garrelt; Mesinger, Andrei; Rhoads, James; Rydberg, Claes-Erik; Shimizu, Ikkoh	Monthly Notices of Royal Astronomy Society	2020	2	Presidency University, Kolkata	
Predictions for measuring the 21-cm multifrequency angular power spectrum using SKA-Low	Mondal, Rajesh; Shaw, Abinash Kumar; Iliev, Ilian T.; Bharadwaj, Somnath; Datta, Kanan K.; Majumdar, Suman; Sarkar, Anjan K.; Dixon, Keri L.	Monthly Notices of Royal Astronomy Society	2020	7	Presidency University, Kolkata	
Vertically Aligned Al-Doped ZnO Nanowire Arrays as Efficient Photoanode for Dye-Sensitized Solar Cells	S R Bhattacharyya, Z Mallick, R N Gayen	Journal of Electronic Materials	2020		Presidency University, Kolkata	4
Single phase formation of Fe-doped directional ZnO nanorod films: Study of cluster formation by complex impedance spectroscopy and removal of metal clustering by swift heavy ion irradiation	M K Sharma, R N Gayen, A K Pal, D Kanjilal, Ratnamala Chatterjee	Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms	2020		Presidency University, Kolkata	1

Effect of series and shunt resistance on the photovoltaic properties of solution-processed zinc oxide nanowire based CZTS solar cell in superstrate configuration	R N Gayen, Tanwistha chakraborti	Materials Science in Semiconductor Processing	2019		Presidency University, Kolkata	11
Tetramethylammonium based lead free perovskite active layer for solar cell application	Soumyodeep Banerjee, R N Gayen	Ceramics Internationals	2019		Presidency University, Kolkata	1
Fabrication and characterization of transparent nanocrystalline ZnO thin film transistors by sol-gel technique	S R Bhattacharyya, R N Gayen	Bulletin of Materials science	2019		Presidency University, Kolkata	2
Structural, optical and electrical characterization of Ba <sub>2</sub> YbTaO <sub>6</sub>	A. Barua	Physica B	2020	1	Presidency University, Kolkata	
Cosmological Simulations of Galaxy Groups and Clusters-I: Global Effect of Feedback from Active Galactic Nuclei	Kar Chowdhury R, Chatterjee S, Lonappan A I, Khandai N, DiMatteo T	Astrophysical Journal	2020		Presidency University, Kolkata	
Localization, transport and edge states in a two-strand ladder network in an aperiodically staggered magnetic field	Sajid Sk and Chakrabarti Arunava	Physical Review B	2020		Presidency University, Kolkata	
Engineering topological phase transition and Aharonov-Bohm caging in a flux staggered lattice	Mukherjee A, Nandy A, Sil S and Chakrabarti Arunava	Jour. Phys.:Cond. Matter	2020	2	Presidency University, Kolkata	2
Spin-selective Aharonov-Casher caging in a topological quantum network	Mukherjee A, Roemer R A, and Chakrabarti Arunava	Physical Review B	2019		Presidency University, Kolkata	
On the star formation efficiency in high-redshift Ly $\alpha$ emitters	Sarkar A, Samui Saumyadip	Publications of the Astronomical Society of the Pacific	2019		Presidency University, Kolkata	



Characterization of prethermal states in periodically driven many-body systems with unbounded chaotic diffusion	Rajak Atanu, Dana I and Dalla Torre E	Physical Review B	2019		Presidency University, Kolkata	
Gravitational Waves with Orbital Angular Momentum	Baral P, Ray A, Koley R and Majumder P	European Physical Journal C	2020		Presidency University, Kolkata	
Role of anisotropy to the compensation in the Blume-Capel trilayered ferrimagnet	Acharyya Mukti	Superlattice and Microstructures	2020		Presidency University, Kolkata	
Effects of random fields on the reversal of magnetisation of Ising ferromagnet	Naskar M and Acharyya Mukti	Physica A	2020		Presidency University, Kolkata	
Compensation in site diluted spin-1/2 Ising ferrimagnet: A Monte Carlo study	Sajid Sk and Acharyya Mukti	Phase Transition	2019		Presidency University, Kolkata	
Universality Class of the Nonequilibrium Phase Transition in Two-Dimensional Ising Ferromagnet Driven by Propagating Magnetic Field Wave	Halder A and Acharyya Mukti	Applied Mathematics	2019		Presidency University, Kolkata	
Cosmological Simulations of Galaxy Groups and Clusters-I: Global Effect of Feedback from Active Galactic Nuclei	Kar Chowdhury R, Chatterjee S, Lonappan A I, Khandai N, DiMatteo T	Astrophysical Journal	2020		Presidency University, Kolkata	
Non-linear interacting cosmological models after Planck 2018 legacy release and the H0 tension	S. Pan, W. Yang, A. Paliathanasis	Monthly Notices of the Royal Astronomical Society	2020		Presidency University, Kolkata	11
All-inclusive interacting dark sector cosmologies	W. Yang, E. Di Valentino, O. Mena, S. Pan, R. C. Nunes	Physical Review D	2020		Presidency University, Kolkata	10
Understanding the phenomenology of interacting dark energy scenarios and their theoretical bounds	S. Pan, J. de Haro, W. Yang, J. Amoros	Physical Review D	2020		Presidency University, Kolkata	3

Field theoretic interpretations of interacting dark energy scenarios and recent observations	S. Pan, G. S. Sharov, W. Yang	Physical Review D	2020		Presidency University, Kolkata	11
Cosmological Evolution of Two-Scalar fields Cosmology in the Jordan frame	A. Giacomini, G. Leon, A. Paliathanasis, S. Pan	European Physical Journal C	2020		Presidency University, Kolkata	7
Forecast constraints on anisotropic stress in dark energy using gravitational waves	W. Yang, S. Pan, D. F. Mota, M. Du	Monthly Notices of the Royal Astronomical Society	2020		Presidency University, Kolkata	6
Dark calling Dark: Interaction in the dark sector in presence of neutrino properties after Planck CMB final release	W. Yang, S. Pan, R. C. Nunes and D. F. Mota	Journal of Cosmology and Astroparticle Physics	2020		Presidency University, Kolkata	17
Scaling solutions in quintessential inflation	J. de Haro, J. Amoros, S. Pan	European Physical Journal C	2020		Presidency University, Kolkata	2
Reconciling $H_0$ tension in a six parameter space?	S. Pan, W. Yang, E. Di Valentino, A. Shafieloo, S. Chakraborty	Journal of Cosmology and Astroparticle Physics	2020		Presidency University, Kolkata	32
Interacting scenarios with dynamical dark energy: Observational constraints and alleviation of the $H_0$ tension	S. Pan, W. Yang, E. Di Valentino, E. N. Saridakis, S. Chakraborty	Physical Review D	2019		Presidency University, Kolkata	55
Dawn of the dark: unified dark sectors and the EDGES Cosmic Dawn 21-cm signal	W. Yang, S. Pan, S. Vagnozzi, E. Di Valentino, D. F. Mota, S. Capozziello	Journal of Cosmology and Astroparticle Physics	2019		Presidency University, Kolkata	24
Dark sectors with dynamical coupling	W. Yang, O. Mena, S. Pan, E. Di Valentino	Physical Review D	2019		Presidency University, Kolkata	23
Challenging bulk viscous unified scenarios with cosmological observations	W. Yang, S. Pan, E. Di Valentino, A. Paliathanasis, J. Lu	Physical Review D	2019		Presidency University, Kolkata	15
Listening to the sound of dark sector interactions with gravitational wave standard sirens	W. Yang, S. Vagnozzi, E. Di Valentino, R. C. Nunes, S. Pan, D. F. Mota	Journal of Cosmology and Astroparticle Physics	2019		Presidency University, Kolkata	31

Observational constraints on sign-changeable interaction models and alleviation of the H0 tension	S. Pan, W. Yang, C. Singha, E. N. Saridakis	Physical Review D	2019		Presidency University, Kolkata	24
Observational constraints of a new unified dark fluid and the H0 tension	W. Yang, S. Pan, A. Paliathanasis, S. Ghosh, Y. Wu	Monthly Notices of the Royal Astronomical Society	2019		Presidency University, Kolkata	13
Forecasting interacting vacuum-energy models using gravitational waves	W. Yang, S. Pan, E. Di Valentino, B. Wang, A. Wang	Journal of Cosmology and Astroparticle Physics	2019		Presidency University, Kolkata	15
An example of explicit dependence of quantum symmetry on KMS states	Soumalya Joardar, Arnab Mandal	Journal of Ramanujan Mathematical Society	2020		Presidency University, Kolkata	
Quantum isometry group of deformation: a counterexample	Debashish Goswami, Arnab Mandal	Annales Mathematiques Blaise Pascal	2019		Presidency University, Kolkata	
Quantum symmetries of the twisted tensor products of $C^*$ -algebras	Jyotishman Bhowmick, Arnab Mandal, Sutanu Roy, Adam Skalski	Communications in Mathematical Physics	2019		Presidency University, Kolkata	
Example of a group whose quantum symmetry does not depend on the generating set	Arnab Mandal	Glasgow Mathematical Journal	2019		Presidency University, Kolkata	
A three-echelon supply chain model with price and two-level quality dependent demand	Balaji Roy and Bibhas Chandra Giri	RAIRO - Operations Research	2020		Presidency University, Kolkata	1
On some properties of the hyperspace $\theta(X)$ and the study of the space $\downarrow \theta C(X)$	Ritu Sen	Journal of Linear and Topological Algebra	2020		Presidency University, Kolkata	
Selection Properties of Quasi-Uniform spaces using ideals	Ritu Sen	Scientific Studies and Research Series Mathematics and Informatics	2019		Presidency University, Kolkata	
$\mathbb{I}_{\mu^*}$ -open sets in generalized topological spaces	Ritu Sen, Bishwambhar Roy	General Mathematics	2019		Presidency University, Kolkata	

Forecasting the daily and cumulative number of cases for the COVID-19 pandemic in India	Subhas Khajanchi, Kankan Sarkar	Chaos	2020		Presidency University, Kolkata	23
Modeling and forecasting the COVID-19 pandemic in India	Kankan Sarkar, Subhas Khajanchi, Juan J Nieto	Chaos, Solitons & Fractals	2020		Presidency University, Kolkata	84
Dynamics of algae blooming: effects of budget allocation and time delay	Arvind Kumar Misra, Rajesh Kumar Singh, Pankaj Kumar Tiwari, Subhas Khajanchi, Yun Kang	Nonlinear Dynamics	2020		Presidency University, Kolkata	5
Impact of fear effect on the growth of prey in a predator-prey interaction model	Kankan Sarkar, Subhas Khajanchi	Ecological Complexity	2020		Presidency University, Kolkata	7
Chaotic dynamics of a delayed tumor-immune interaction model	Subhas Khajanchi	International Journal of Biomathematics	2020		Presidency University, Kolkata	7
The impact of the media awareness and optimal strategy on the prevalence of tuberculosis	Dhiraj Kumar Das, Subhas Khajanchi, Tapan Kumar Kar	Applied Mathematics and Computation	2020		Presidency University, Kolkata	16
A mathematical model to restore water quality in urban lakes using Phoslock	Pankaj Kumar Tiwari, Rajesh Kumar Singh, Subhas Khajanchi, Yun Kang, Arvind Kumar Misra	Discrete & Continuous Dynamical Systems-B	2020		Presidency University, Kolkata	1
Transmission dynamics of tuberculosis with multiple re-infections	Dhiraj Kumar Das, Subhas Khajanchi, TK Kar	Chaos, Solitons & Fractals	2020		Presidency University, Kolkata	7
A strategy of optimal efficacy of t11 target structure in the treatment of brain tumor	Subhas Khajanchi, Sandip Banerjee	Journal of Biological Systems	2019		Presidency University, Kolkata	13
Stability analysis of a mathematical model for glioma-immune interaction under optimal therapy	Subhas Khajanchi	International Journal of Nonlinear Sciences and Numerical Simulation	2019		Presidency University, Kolkata	11
Mathematical modeling of tumor-immune competitive system, considering the role of time delay	Subhas Khajanchi, Juan J Nieto	Applied mathematics and computation	2019		Presidency University, Kolkata	25

Partial domination in graphs	Angsuman Das	Iranian Journal of Science and Technology. Transaction A. Science	2019		Presidency University, Kolkata	7
Paley-type graphs of order a product of two distinct primes.	Angsuman Das	Algebra Discrete Math.	2019		Presidency University, Kolkata	
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Graph Theoretic Representation of Rings of Continuous Functions	Bedanta Bose and Angsuman Das	Filomat	2020		Presidency University, Kolkata	
A new lossless secret color image sharing scheme with small shadow size	Md Kutubuddin Sardar and Avishek Adhikari	Journal of Visual Communication and Image Representation	2020		Presidency University, Kolkata	3
Ramp secret sharing with cheater identification in presence of rushing cheaters	Jyotirmoy Pramanik and Avishek Adhikari	Groups Complexity Cryptology	2019		Presidency University, Kolkata	
Image compression using fractal multiwavelet transform	Md. N. Akhtar, M. G.P. Prasad and G. P.Kapoor	The Journal of Analysis	2019		IIT Guwahati	
More General Fractal Functions on the Sphere	Md. N. Akhtar, M. G.P. Prasad and M. A. Navascus	Mediterranean Journal of Mathematics	2019		IIT Guwahati	
Construction of fractal surfaces	M. A. Navascues, R. N. Mohapatra and Md. N. Akhtar	Fractals	2020		Aliah University	
Maritime Transmodernities: Literary and Cultural Representations of the Indian Ocean World	Anupama Mohan	<i>Postcolonial Text</i> . Special Double Issue	2019			
Maritime Transmodernities and the Ibis Trilogy	Anupama Mohan	Literary and Cultural Representations of the Indian Ocean World	2019			

Introduction: The Contours of the Field: Literatures of the Indian Ocean	Anupama Mohan	Maritime Transmodernities: Literary and Cultural Representations of the Indian Ocean World	2019			
Cleopatra VII Philopator's Final Moments: Depictions in Five Paintings	Anirban Ray	Journal of Comparative Literature and Aesthetics	2019			
Soldiers in Petticoats": The Fight for Gender Equality in Britain	Shanta Dutta	The Confidential Clerk	2019			
Rethinking Communism in the Age of Trump and Modi: The Bengali Film <i>Ghya Chang Fou</i> Sets a Milestone in Cinematic History	Mahitosh Mndal	Mise-en-scène: The Journal of Film & Visual Narration	2019			
Rethinking Communism in the Age of Trump and Modi: The Bengali Film <i>Ghya Chang Fou</i> Sets a Milestone in Cinematic History	Priyanka Das	Mise-en-scène: The Journal of Film & Visual Narration	2019			
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Domains of Private Melancholy: The Burden of Language”. Abandonment and Abjection: Melancholy in Philosophy and Art	Priyanka Das	Springer	2020			
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Introduction: Caste in/As Humanities: Unsettling the Politics of Suffering	Kalyan Das	Sanglap: Journal of Literary and Cultural Inquiry	2019			

What does it mean to be an Ambedkarite	Kalyan Das	Scroll.in	2019			
Virtual Reality: Social Media and/as the Public Sphere." Situating Social Media: Gender, Caste, Protest, Solidarity.	Purna Banerjee	Women Unlimited	2020			
Adi O Madhyayuger Bangalir Beshbhushan	DR. Khokan Kumar Bag	Antarmukh	2019			
Meghnadbadh kaby-er Antarbayan : Pracya - Prekshit in Madhukar	DR. Khokan Kumar Bag	Jessore District Administration	2020			
Dwija Rajiblochaner Shiber Bibaha :	DR. Khokan Kumar Bag	Antarmukh	2020			
Pouranik Shiba O Narada Charitrer Binirman						
Aswamedher Ghora : Samayer Barnomay Kolaj	DR. Sandip Kumar Mondal	Ebong Mohuha, Midnapore	2019			
Pratibadi Hridayer Akkhyan	DR. Sandip Kumar Mondal	Boier Desh	2019			
Pranji Basaker songe Sakkhatkare Mostak Ahamed	DR. Mostak Ahamed	Chinnho, Bangladesh	2019			
Kayabadi Vasatotter Alope Sadhu O Cholit	Devarati Jana	The Heritage, Assam	2020			
Bangla Bakye Asomapika Kriyapoder Boichitrya						
Kathasahitye Somapikar Pore Asomapikar Uposthiti	Devarati Jana	Alochona Chakra, Westbengal	2020			
Choli Godyeri Boisistyo						
Sukh na Peleo Sukher Galpo Bolo Abiram: Soharab Hosener Kabita	DR.Shaon Nandi	Galpasarani	2019			
Adhunik Bangla Kabitar Aishwarya Parba : Shatak Bish, Dashak Panchash	DR.Shaon Nandi	Yapanchitra	2019			
Ekdin Ei Sab Habe Balei'... (Nirendranath Chakrabortyr Kabita : Ekti Abalokan	DR.Shaon Nandi	Tabu Ekalabya	2019			

Prabondhik Kolome Abhra Ghosh : Ekti Porjalochona	DR.Shaon Nandi	Ebang Mushayera	2019			
Atmobikshoner Udbhas : Nikot Somoyer Kobitay Shankha Ghosh'	DR.Shaon Nandi	Punashcha Bangla Patrika	2020			
Doya Diye Hobe Go Mor Jibon Dhute : Ekti Songkshipto Sangitik Porikroma	DR.Shaon Nandi	Nabaparjay Jijnasa	2019-2020			
Gorky 150 : Galper Jadukar	DR.Ritam Mukhopadhyay	College Street	2019			
Subhaser Gorky, Subhaser Hikmat : Anubadbiksha	DR.Ritam Mukhopadhyay	Atmabikash	2019			
Kabir Iswar : Sailigata Swatnatryer Khonje	DR.Ritam Mukhopadhyay	Sahitya Bisari	2019			
Rabindranath O Gorky : Ami Tomaderi lok	DR.Ritam Mukhopadhyay	Rabindra- Bhabna	2019			
Soharab Hossainer Galpo : Jadubastabatar Khoje	DR.Ritam Mukhopadhyay	Galpa Sarani	2019			
Yeats-er Kabita : Tulanamulak Anubadbiksha	DR.Ritam Mukhopadhyay	Sandhitsa	2019			
Kabitar Anubad: Pathaker Pratyasha	DR.Ritam Mukhopadhyay	Asamapika	2019			
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Kabitay kajer Masira : Prantiker Swar	DR.Ritam Mukhopadhyay	Boitalik	2019			
Kabi Sajanikanta : Apan Chokher Sahaj Drishti Diye	DR.Ritam Mukhopadhyay	Anushtup	2019			
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Mayabastaber Ataskanch Ebang... (Review of two novels)	DR.Ritam Mukhopadhyay	Boier Desh	2019			
Sudhu Bhangi Diye Jeno(Review of two Books)	DR.Ritam Mukhopadhyay	Boier Desh	2020			



Book Review of A Genealogy of Devotion: Bhakti, Tantra, Yoga and Sufism in North India, by Patton E. Burchett	Sukanya Sarbadhikary	Journal of the American Academy of Religion	2020		Presidency University	
Book Review of Unforgetting Chaitanya: Vaishnavism and Cultures of Devotion in Colonial Bengal, by Varuni Bhatia	Sukanya Sarbadhikary	Studies in History	2020		Presidency University	
A tripartite interaction among the Basidiomycete <i>Rhodotorula mucilaginosa</i> , N <sub>2</sub> -fixing endobacteria, and rice improves plant nitrogen nutrition.	Paul K, Saha C, Nag M, Mandal D, Naiya H, Sen D, Mitra S, Kumar M, Bose D, Mukherjee G, Naskar N, Lahiri S, Das Ghosh U, Tripathi S, Poddar Sarkar M, Banerjee M, Kleinert A, Alex Valentine A, Senjuti S, and Anindita Seal	The Plant Cell	2019	8.228	Calcutta University	
Analysing progress of sustainable development goal 6 in India: Past, present, and future.	Roy A, Pramanick K	Journal of Environmental Management	2019	4.865	Presidency University	
Cytogenotoxic potential of a hazardous material, polystyrene microparticles on <i>Allium cepa</i> L	Maity S, Chatterjee A, Guchhait R, De S, Pramanick K	Journal of Hazardous Materials	2019	7.65	Presidency University	
Oleic acid protects arsenic-induced cardiac hypertrophy via AMPK/FoxO/NFATc3 pathway.	Samanta J, Mondal A, Saha S, Chakraborty S, Sengupta A	Cardiovascular Toxicology	2019	2.989	Presidency University	
High-Protein Diet Ameliorates Arsenic-Induced Oxidative Stress and Antagonizes Uterine Apoptosis in Rats	Biswas P, Mukhopadhyay A, Kabir SN, Mukhopadhyay PK	Biol Trace Elem Res	2019	2.4	Presidency University	

Simultaneous quantification of oleanolic acid, ursolic acid, betulinic acid and lupeol in different populations of five Swertia species by using HPTLC densitometry: Comparison of different extraction methods and solvent selection.	Kaur P, Gupta RC, Dey A Pandey DK	Industrial Crops and Products	2019	4.191	Presidency University	
Simultaneous microwave assisted extraction and HPTLC quantification of mangiferin, amarogentin, and swertiamarin in Swertia species from Western Himalayas.	Kaur P, Pandey DK, Gupta RC, Dey A*	Industrial Crops and Products	2019	4.191	Presidency University	
Assessment of genetic diversity among different population of five Swertia species by using molecular and phytochemical markers.	Kaur P, Pandey DK, Gupta RC, Dey A*	Industrial Crops and Products	2019	4.191	Presidency University	
Association of STAT6 rs3024974 (C/T) polymorphism with IgE mediated food sensitization among West Bengal population, India.	Laha A, Ghosh A, Moitra A, Saha I, Saha GK, Bhattacharya S, Podder S*	International Archives of Allergy and Immunology	2019	2.93	Presidency University	
Circular PVT1: an oncogenic non-coding RNA with emerging clinical importance.	Adhikary J, Chakraborty S, Dalal S, Basu S, Dey A, Ghosh A*	J Clin Pathol	2019	2.34	Presidency University	
Identification of candidate reference genes in tropical bamboos stable across tissues, developmental stages and species barrier	Chakraborty S., Dutta S., Biswas P., Das M*	Biologia Plantarum	2019	1.38	Presidency University	
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Structural basis of design and engineering for advanced plant optogenetics	Banerjee S and Mitra D*	Trends in Plant Science	2019	14.006	Presidency University	

Therapeutic targeting of PFKFB3 with a novel glycolytic inhibitor PFK158 promotes lipophagy and chemosensitivity in gynecologic cancers.	Kaur P, Pandey DK, Gupta RC, Dey A*	International Journal of Cancer	2020	7.36	Presidency University	
A review on antimicrobial botanicals, phytochemicals and natural resistance modifying agents from Apocynaceae family: Possible therapeutic approaches against multidrug resistance in pathogenic microorganisms	Anand, U., Nandy, S., Mundhra, A., Das, N., Pandey, D.K. and Dey, A.*	Drug Resistance Updates	2020	14.01	Presidency University	
Simultaneous quantification of oleanolic acid, ursolic acid, betulinic acid and lupeol in different populations of five Swertia species by using HPTLC-densitometry: Comparison of different extraction methods and solvent selection	Kaur P, Pandey DK, Gupta RC, Dey A*	Industrial Crops and Products	2019	4.191	Presidency University	
Simultaneous microwave assisted extraction and HPTLC quantification of mangiferin, amarogentin, and swertiamarin in Swertia species from Western Himalayas	Kaur P, Pandey DK, Gupta RC, Dey A*,	Industrial Crops and Products	2019	4.191	Presidency University	
Assessment of genetic diversity among different population of five Swertia species by using molecular and phytochemical markers	Prabhjot Kaur, Devendra Kumar Pandey, R.C.Gupta, AbhijitDey	Industrial Crops and Products	2019	4.244	Presidency University	
Selection of elite germplasms for industrially viable medicinal crop Bacopa monnieri for bacoside A production: An HPTLC-coupled chemotaxonomic study	Dey, A. *, Hazra, A.K., Nandy, S., Kaur, P. and Pandey, D.K.,	Industrial Crops and Products	2020	4.244	Presidency University	

Chemotaxonomy of the ethnic antidote <i>Aristolochia indica</i> for aristolochic acid content: implications of anti-phospholipase activity and genotoxicity study.	Nandy S, Mukherjee A, Pandey DK, Ray P, Dey A*	Journal of Ethnopharmacology	2020	3.69	Presidency University	
<i>Hemidesmus indicus</i> L. Br.: Critical assessment of in-vitro biotechnological advancements and perspectives.	Nandy, S., Singh, J., Pandey DK, Dey A*	Applied Microbiology and Biotechnology	2020	3.53	Presidency University	
Validation and quantification of major biomarkers in 'Mahasudarshan Churna' - an ayurvedic polyherbal formulation through high-performance thin-layer chromatography	Kaur P, Gupta R.C., Dey A, Malik T, Pandey DK	BMC Complementary Medicine and Therapies	2019	2.833	Presidency University	
Bibenzylys and bisbenzylys of bryophytic origin as promising source of novel therapeutics: pharmacology, synthesis and structure-activity	Nandy S., Dey A.	DARU Journal of Pharmaceutical Sciences	2020	2.739	Presidency University	
Sustainable utilization of medicinal plants and conservation strategies practiced by the aboriginals of Purulia district, India: a case study on therapeutics used against some tropical otorhinolaryngologic and ophthalmic disorders.	Dey A.*, Nandy S., Mukherjee, A., Modak, BK	Environment, Development and Sustainability	2020	2.191	Presidency University	
Optimization of salicylic acid and chitosan treatment for bitter secoiridoid and xanthone glycosides production in shoot cultures of <i>Swertia paniculata</i> using response surface methodology and artificial neural network.	Kaur, P., Gupta, R. C., Dey, A.*, Malik, T., & Pandey, D. K.	BMC Plant Biology	2020	3.497	Presidency University	

Biological activities and health-promoting effects of <i>Pyracantha</i> genus: a key approach to the phytochemical's potential	Sharifi-Rad, J., Taheri, Y., Ayatollahi, S.A., Naderi, N., Kumar, N.V.A., Koirala, N., Khadka, S., Karazhan, N., Shahinozzaman, M., Sen, S., Acharya, K., Dey, A., Martorell, M., Martis, N.	Cellular and Molecular Biology (Noisy-le-Grand, France)	2020	1.463	Presidency University	
<i>Achillea</i> spp.: A comprehensive review on its ethnobotany, phytochemistry, phytopharmacology and industrial applications	Salehi, B., Selamoglu, Z., Sevindik, M., Fahmy, N.M., Al-Sayed, E., El-Shazly, M., Csupor-Löffler, B., Csupor, D., Yazdi, S.E., Sharifi-Rad, J., Arserim-Uçar, D.K., Ender Hikmet Arserim <sup>10</sup> , Karazhan N., Jahani A., Dey A., Azadi H., Vakili S.A, Sharopov F., Martins N., Büsselberg, D.	Cellular and molecular biology (Noisy-le-Grand, France)	2020	1.463	Presidency University	
Plant Natural Products as Neuroprotective Nutraceuticals: Preclinical and Clinical Studies and Future Implications.	Dey, A.*, Nandy, S., Mukherjee, A., & Pandey, D. K	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	2020	0.363	Presidency University	
In silico designing of peptide based vaccine for Hepatitis viruses using reverse vaccinology approach.	Chaudhuri D, Datta J, Majumder S, Giri K*.	Infection, Genetics and Evolution	2020		Presidency University	

Oleander Stem and Root Standardized Extracts Mitigate Acute Hyperglycaemia by Limiting Systemic Oxidative Stress Response in Diabetic Mice,	Priyankar Dey, Manas Ranjan Saha, Sumedha Roy Choudhuri, Indrani Sarkar, Biswajit Halder, Mousumi Poddar-Sarkar*, Arnab Sen, and Tapas Kumar Chaudhuri	Advances in Pharmacological Sciences	2019		Calcutta University	
Ecological Impact on Fatty Acid Composition of Mosses from Two Biodiversity Hotspots of Hungary and India	Anashuya Biswas-Raha, Souvik Mitra and Mousumi Poddar Sarkar	Proceedings of the National Academy of Sciences, India - Section B: Biological Sciences	2019	0.363	Calcutta University	
Association of the STAT6 rs3024974 (C/T) Polymorphism with IgE-Mediated Food Sensitization among West Bengal Population in India. Int Arch Allergy Immunol. doi: 10.1159/000504575.		Int Arch Allergy Immunol	2019	2.93	Presidency University	
Integrative genomics and pathway analysis identified prevalent FA-BRCA pathway alterations in arsenic-associated urinary bladder carcinoma: Chronic arsenic accumulation in cancer tissues hampers the FA-BRCA pathway. Genomics;112 (6):5055-5065	Basu M, Ghosh S, Roychowdhury S, Samadder S, Das P, Addya S, Roy A, Pal DK, Roychoudhury S, Ghosh A, Panda CK	Genomics	2020	6.2	Presidency University	
Gene duplication and stress genomics in Brassicas: current understanding and future prospects for crop improvement.	Das Laha S, Dutta S, Schäffner AR, Das M*		2020	3.01	Presidency University	
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Living with nematode: an epibiotic <i>Trematosoma rotunda</i> associated with basibiotic <i>Desmodora scaldensis</i> from Matla estuary, Sundarbans, India.	Moumita Ghosh, Sumit Mandal*	Thalassas: An International Journal of Marine Sciences	2019		Presidency University	
Does vertical distribution of meiobenthic community structure differ among various mangrove habitats of Sundarban Estuarine System?	Moumita Ghosh, Sumit Mandal*	Regional Studies in Marine Science	2019		Presidency University	
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COVID-19 imposed lockdown might be a boon for aquatic ecosystem.	Sumit Mandal*	Current Science			Presidency University	

Metabolic impairment in response to early induction of C/EBP $\beta$ leads to compromised cardiac function during pathological hypertrophy	Durba Banerjee, R.Datta Chaudhuri, S.Niyogi, Sumedha Roy Chowdhuri, Mousumi Poddar Sarkar, R.Chatterjee, P.Chakrabarti, Sagarthirtha Sarkar	Journal of Molecular and Cellular Cardiology	2020	4.133	Calcutta University	
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