

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or						
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
Delineation of potential groundwater recharge zones in the coastal area of north-eastern India using geoinformatics	Acharya, T.*, Kumbhakar, S., Prasad, R., Mondal, S. and Biswas, A.	Sustainable Water Resources Management	2019	---	Post-Graduate Department of Geology, Hooghly Mohsin College, University of Burdwan, Chinsurah, India	1
Vulnerability mapping of saline water intrusion in coastal aquifers of West Bengal, India using flow-net approach	Acharya, T*, Biswas, A., Bhattacharyya, A., Chakraborty, A., Chakraborty, M. and Sarkar, T.	Indian Groundwater	2018	---	Post-Graduate Department of Geology, Hooghly Mohsin College, University of Burdwan, Chinsurah, India	
Reassembly of the Dharwar and Bastar cratons at ca. 1 ga: Evidence from multiple tectonothermal events along the Karimnagar granulite belt and Khammam schist belt, southern India.	Joy, S., Linde, G. V. D., Choudhury. A. K., Deb, G. K., Tappe, S.	Journal of Earth System Science	2018	1.104		
Evidence of melt/rock interaction in the Cr-spinel bearing wehrlite rocks of Bangriposi, India: Implications for nature of the metasomatic agent.	Chakraborti, T. M., Ray, A., Deb G. K.	Geoscience Frontiers	2018	4.16		
Lower crustal fluid evolution in the realm of ultrahigh temperature conditions: constraints from silicate-oxide-sulphide assemblages of mafic granulites of the Eastern Ghats Belt, India. Journal of Earth System Sciences	Mondal, A. and Bose, S.	Journal of Earth System Sciences	2019	1.104	Y	
Geochronological and geochemical signatures of the granitic rocks emplaced at the north-eastern fringe of the East Dharwar Craton, South India: implications for Late Archean crustal growth	Mukherjee, S., Ghosh, G., Das, K., Bose, S	Geological Journal	2018	1.949	Y	

U-Pb zircon and U-Th-total Pb monazite ages from the Phulbani Domain of the Eastern Ghats Belt, India: Time constraints on high-grade metamorphism and magmatism in the lower crust	Ganguly, P., Das, K., Bose, S., Ghosh, G., Hayasaka, Y., Hidaka, H	Precambrian Research	2018	3.834	Y	
Eastern Ghats Belt, Grenvillian-age tectonics and the evolution of the Greater Indian Landmass: a critical perspective	Bose, S., Dasgupta, S.	Journal of the Indian Institute of Science	2018	0.742	Y	
Integrating AMS data with structural studies from Granitoid rocks of the Eastern Dharwar craton, south India: Implications on successive fabric development and regional tectonics, 118, 48-67	Das, P., Mukherjee, S., Das, K., Ghosh, G	Journal of Structural Geology	2019	3.128	Y	
Coalescing microstructure and fabric transitions with AMS data in deformed Limestone: Implications on deformation kinematics	Ghosh, B., Das, P., Sarkar, D P., Ghosh, G., Mukhopadhyay, J., Ando J I	Journal of Structural Geology	2018	3.128	Y	
The Depressed Class of Elderly: Elderly Population Among Lower Income Households in Kolkata	Sumita Saha and Somrita Sengupta	Research on Ageing and Social Policy 7(1):285-303	30 th . January 2019	Web of Science	Hipatia Press, Spain	53 reads
Interacting dark energy with time varying equation of state and the H0 tension	W. Yang, A. Mukerjee, E. Di Valentino and S. Pan	Physical Review D	2018	SCI	Department of Mathematics, Presidency University	19
New observational constraints on f(T) gravity through gravitational-wave astronomy	R. C. Nunes, S. Pan and E. N. Saridakis	Physical Review D	2018	SCI	Department of Mathematics, Presidency University	16
Observational constraints on one-parameter dynamical dark-energy parametrizations and the H0 tension	W. Yang, S. Pan, E. Di Valentino, E. N. Saridakis and S. Chakraborty	Physical Review D	2019	SCI	Department of Mathematics, Presidency University	20
Observational constraints on sign-changeable interaction models and alleviation of the H0 tension	S. Pan, W. Yang, C. Singha and E. N. Saridakis	Physical Review D	2019	SCI	Department of Mathematics, Presidency University	8

Interacting scenarios with dynamical dark energy: Observational constraints and alleviation of the H0 tension	S. Pan, W. Yang, E. Di valentino, E. N. Saridakis and S. Chakraborty	Physical Review D	2019	SCI	Department of Mathematics, Presidency University	8
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 and D. F. Mota	Journal of Cosmology and Astroparticle Physics	2019	SCI	Department of Mathematics, Presidency University	13
Observational constraints of a new unified dark fluid and the H0 tension	W. Yang, S. Pan, A. Paliathanasis, S. Ghosh and Y. Wu	Monthly Notices of the Royal Astronomical Society	2019	SCI	Department of Mathematics, Presidency University	13
Dark sectors with dynamical coupling	W. Yang, O. Mena, S. Pan and E. Di Valentino	Physical Review D	2019	SCI	Department of Mathematics, Presidency University	6
Challenging bulk viscous unified scenarios with cosmological observations	W. Yang, S. Pan, E. Di Valentino, A. Paliathanasis and J. Lu	Physical Review D	2019	SCI	Department of Mathematics, Presidency University	8
Partial Domination in Graphs	A. Das	Iranian Journal of Science and Technology	2019	SCI	Department of Mathematics, Presidency University	5
Domination Defect in Graphs	A.Das and W. Desormeeuax	Indian Journal of Pure and Applied Mathematics	2018	SCI	Department of Mathematics, Presidency University	4
On Subspace Inclusion Graph of a Vector Space	A.Das	Linear and Multilinear Algebra	2018	SCI	Department of Mathematics, Presidency University	1
On alpha domination in graphs	A.Das, R. Laskar and N.J.Rad	Graphs and Combinatorics	2018	SCI	Department of Mathematics, Presidency University	7
Cosmic evolution with a general Gaussian type scale factor	S. Chakraborty and Subhra Bhattacharya	Int. J. Mod. Phys. D	2018	SCI	Department of Mathematics, Presidency University	2
Spherically symmetric wormhole solutions in a general anisotropic matter field	S. Halder, Subhra Bhattacharya and S. Chakraborty	Phys. Lett. B	2019	SCI	Department of Mathematics, Presidency University	
Wormhole solutions in Rastall Gravity Theory	S. Halder, Subhra Bhattacharya and S. Chakraborty	Mod. Phys. Lett. A	2019	SCI	Department of Mathematics, Presidency University	
Formation of Wormholes in modified gravity: Exotic matter and stability	Subhra Bhattacharya, S. Halder and S. Chakraborty	Mod. Phys. Lett. A	2019	SCI	Department of Mathematics, Presidency University	
A three-echelon supply chain model with price and two-level quality dependent demand	Balaji Roy and Bibhas Chandra Giri	RAIRO Oper. Res.	2019	SCI	Department of Mathematics, Presidency University	

Stability analysis of a mathematical model for glioma-immune interaction under optimal therapy	Subhas Khajanchi	International Journal of Nonlinear Sciences and Numerical Simulation	2019	SCOPUS	Department of Mathematics, Presidency University	
A strategy of optimal efficacy of T11 target structure in the treatment of brain tumour	Subhas Khajanchi and Sandip Banerjee	Journal of Biological Systems	2019	SCI Expanded	Department of Mathematics, Presidency University	4
Mathematical modelling of tumour-immune competitive system, considering the role of time delay	Subhas Khajanchi and Juan J Nieto	Applied Mathematics and Computation	2019	SCI Expanded	Department of Mathematics, Presidency University	3
The influence of Time Delay in a Chaotic Cancer Model	Subhas Khajanchi, M. Perc and D.Ghosh	Chaos	2018		Department of Mathematics, Presidency University	16
Gender, caste, and education in India: A cohort-wise study of drop-out from Schools	Shobhit Goel & Zakir Husain	Research in Social Stratification and Mobility	2018	2	IIT Kharagpur	2
Has the National Health Mission improved Maternal Healthcare services in Bihar	Saswata Ghosh & Zakir Husain	Economic & Political Weekly	2019	-	Presidency University	
Spontaneous superlattice structures in Al _x Ga _{1-x} As/GaAs (100) grown by metalorganic vapor phase epitaxy	Pradhan, A., Maitra, T., Mukherjee, S., Mukherjee, S., Nayak, A., Satpati, B., Bhunia, S.	Materials Letts. Vol. 210, P. 77-79.	2018		Presidency University	1
Evaluation of spontaneous superlattice ordering in MOCVD grown Al _x Ga _{1-x} As epilayer on GaAs (100) using X-ray reflectivity and rocking curve analysis.	Maitra, T., Pradhan, A., Mukherjee, S., Mukherjee, S., Nayak, A., Bhunia, S.	Physica E: Low-dimensional Systems and Nanostructures. Vol. 106, P. 357-362	2018		Presidency University	
Fast responsive Mg/ZnSnP ₂ /Sn photodetector for visible to near-infrared application	Mukherjee, S., Maitra, T., Pradhan, A., Mukherjee, S., Manna, G., Bhunia, S., Nayak, A.	Solar Energy Materials and Solar Cells. Vol. 189, P. 181-187	2019		Presidency University	1
Tuning of near infrared excitonic emission from InAs quantum dots by controlling the sub-monolayer coverage.	Mukherjee, S., Pradhan, A., Mukherjee, S., Maitra, T., Sengupta, S., Satpati, B., Chakrabarti, S., Nayak, A., Bhunia, S.	J. Luminescence. Vol. 210, P. 311-321.	2019		Presidency University	

Interface intermixing and inter-diffusion characteristics in MOVPE grown spontaneous $\text{Al}_x\text{Ga}_{1-x}\text{As}/\text{GaAs}$ (100) superlattice structures using high resolution X-ray diffraction.	Pradhan, A., Mukherjee, S., Maitra, T., Mukherjee, S., Nayak, A., Bhunia, S.	Superlattice and Microstructure. Vol. 126, P. 193-199	2019		Presidency	
Temperature and excitation dependent ultraviolet lasing in vertically oriented ZnO nanowires.	Maitra, T., Pradhan, A., Mukherjee, S., Mukherjee, S., Nayak, A., Bhunia, S.	J. Mater. Sci.: Materials for Electronics. Vol. 30, P. 8814-8819	2019		Presidency University	
Stress mapping of Sundarban mangroves with Sentinel-2 images using Discriminant Normalised Vegetation Index (DNVI) and Fuzzy classification technique.	Manna, S. and Raychaudhuri, B.	Jour. Of Geomatics, Vol. 13, pp. 117-131	2019		Presidency University	
Interannual variation of atmospheric carbon dioxide concentration derived from Orbiting Carbon Observatory-2 (OCO-2) data compared with its local and large-scale variations obtained from NASA Giovanni database.	Raychaudhuri, B., and Sen Chaudhuri, T.	Journal of Geomatics, Vol. 13, No. 1, pp. 134-137.	2019		Presidency University	
Electronic states and charge transport in a class of low dimensional structured systems	Chakrabarti, A.	Physica E (Invited Review) Vol. 114, Article ID:113616	2019		Presidency University	
Spin-polarised localization in a magnetized chain	Benini, L., Mukherjee, A., Chakrabarti, Arunava and Roemer, R. A.	Scientific Reports, Vol. 9, pp. 1-12	2019		Presidency University	
Spin-selective Aharonov-Casher caging in a topological quantum network	Mukherjee, A., Roemer, R.A., and Chakrabarti, A.	Physical Review B, Vol. 100, 161108 (R)	2019		Presidency University	
Controlled trapping of single particle states on a periodic substrate by deterministic trapping	Mukherjee, A., Nandy, A., and Chakrabarti, A.	Physics Letters A, Vol. 383, Article ID:125987	2019		Presidency University	
Flux driven and geometry controlled spin filtering for arbitrary spins in aperiodic quantum networks	Mukherjee, A. Nandy, A., and Chakrabarti, A.	Physical Review B, Vol. 98, Article ID:075415	2019		Presidency University	
A method to determine the evolution history of the mean neutral Hydrogen fraction	Mondal, R., Bharadwaj, S., Iliev, T., Datta, K., Majumder, S., Shaw, A., Sarkar, A. K.	MNRAS	2018		Presidency Univ	2

Impact of inhomogeneous CMB heating of gas on the HI 21-cm signal during dark ages	Ansar, S., Datta, K.K., Dutta Chowdhury, D.	PRD	2018		Presidency Univ	0
Distribution of relaxation time in solution-processed polycrystalline CZTS thin films: Study of impedance spectroscopy	Khanra, A., Gayen, R. N.	Ceramics International	2018		Presidency University	0
Revisiting the physiology of ascent of sap in plants: legendary experiment of J. C. Bose	Das, S. K., Dutta, D., Naskar, S., Palchaudhury, S., Gayen, R N , Dey, A.	CURRENT SCIENCE	2018		Presidency University	0
A new technique for time series forecasting by using symbiotic organisms search	Samui Pal, S., Samui, S., Kar, S.,	Neural Computing and Applications	28-Mar-19		Presidency University	0
Driven spin wave modes in XY ferromagnet: Nonequilibrium Phase Transition,	Acharyya M.	Phase Transitions Vol-91 Page-793	Aug-18		Presidency University	
Magnetisation reversal in Ising ferro-magnet by thermal and field gradients,	Datta R., Acharyya M., Dhar A.	Heliyon Vol-4	Oct-18		Presidency University	
Semi-quantitative analysis of land use homogeneity and spatial distribution of individual ecological footprint in selected areas of Eastern fringes of Kolkata, West Bengal	Banerji, S., Biswas, M., & Mitra, D.	Geocarto International	2018	2	Presidency University	
Urbanisation and changing waterscapes: A case study of New Town, Kolkata, West Bengal, India	Mitra, D., & Banerji, S	Applied geography	2018	2	Presidency University	
Land-use–land-cover change detection and application of Markov model: A case study of Eastern part of Kolkata	Biswas, M., Banerji, S., & Mitra, D	Environment, Development and Sustainability	2019	1	Presidency University	
Semi-quantitative analysis of land use homogeneity and spatial distribution of individual ecological footprint in selected areas of Eastern fringes of Kolkata, West Bengal.	Suranjana Banerji, Mery Biswas, Deblina Mitra	Geocarto International IF 2.365 (2018)	2018	2	Presidency University	

Bridge construction and river channel morphology—A comprehensive study of flow behaviour and sediment size alteration of the River Chel, India.	Mery Biswas, Puja Banerjee	Arabian Journal of Geosciences IF 1.309 (2018) Five year impact factor	2018	3	Presidency University	
Land-use–land-cover change detection and application of Markov model: A case study of Eastern part of Kolkata.	Mery Biswas, Suranjana Banerji, Debli na Mitra	Environment, Development and Sustainability IF 1.676	2019	1	Presidency University	
From Large Villages to Small Towns: A Study of Rural Transformation in New Census Towns, India	Debarshi Guin	International Journal of Rural Management	2019	3	Presidency University	
Contemporary Perspectives of Small Towns in India: A Review	Debarshi Guin	Habitat International	2019		Presidency University	
Spatial and temporal appraisal of drought jeopardy over the Gangetic West Bengal, eastern India	Krishna Gopal Ghosh	Geoenvironmental Disasters	2018	1	Presidency University	
Analysis of rainfall trends and its spatial patterns during the last century over the Gangetic West Bengal, eastern India	Krishna Gopal Ghosh	Journal of Geovisualization and Spatial Analysis	2019	9	Presidency University	
Impact of different types of meteorological data inputs on predicted hydrological and erosive responses to projected land use changes	Suman Bhattacharyya and Joy Sanyal	Journal of Earth System Science	2019		Presidency University	
Comparative study of the influence of soil brightness on vegetation indices extracted from Landsat 8, LISS-III and Sentinel 2 satellite imagery in a semi-arid environment	Radhika Bhanja and Koel Roychowdhury	International Journal of Integrated Research and Development	2019		Presidency University	
An integrated planning approach around Hiland Park, Kolkata	An integrated planning approach around Hiland Park, Kolkata	International Journal of Integrated Research and Development	2019		Presidency University	
A comparison of frequency ratio and fuzzy logic models for flood susceptibility assessment of the lower Kosi River Basin in India	Meheub Sahana, Priyank Pravin Patel	Environmental Earth Science	2019	3	Presidency University	

Assessing coastal island vulnerability in the Sundarban Biosphere Reserve, India, using geospatial technology	MehebabSahana, Haoyuan Hong, Raihan Ahmed, PriyankPravin Patel, PriyaBhakat, HaroonSajjad	Environmental Earth Science	2018	1	Presidency University	
Ramblings on the rumblings of Calcutta's Trams	PriyankPravin Patel	Coldnoon: International Journal of Travel Writing and Travelling Cultures	2018		Presidency University	
Application of Analytical Hierarchy Process (AHP) algorithm to income insecurity susceptibility mapping–A study in the district of Purulia, India	Mishra, M., &Chatterjee, S	Socio-Economic Planning Sciences,	2018	9	Presidency University	
Comparison of spatial modelling approaches to simulate urban growth: a case study on Udaipur city, India	Mondal, B., Chakraborti, S., Das, D. N., Joshi, P. K., Maity, S., Pramanik, M. K., &Chatterjee, S.	Geocarto International,	2018		Presidency University	
Urban street vending practices: an investigation of ethnic food safety knowledge, attitudes, and risks among untrained Chinese vendors in chinatown, Kolkata	Ghatak, I., &Chatterjee, S.	Journal of Ethnic Foods,	2019	4	Presidency University	
Simulating micro-scale thermal interactions in different building environments for mitigating urban heat islands	Chatterjee, S., Khan, A., Dinda, A., Mithun, S., Khatun, R., Akbari, H., ...& Wang, Y.	Science of the Total Environment	2019	4	Presidency University	
“Cleopatra VII Philopator’s Final Moments: Depictions in Five Paintings”	Anirban Ray	Journal of Comparative Literature and Aesthetics (For indexing details, see http://jcla.in/)	2019		Vishvanatha Kaviraja Institute	
Re(orienting) the Avatar	Souvik Mukherjee, Lars de Wildt, Thomas Apperley, Justin Clemens and Robbie Fordyce	Games and Culture	2019		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 130:537-546.	2019	Impact Factor: 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. 132: 449-459.	2019	Impact Factor: 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. 138:111569	2019	Impact Factor: 4.191	Presidency University	
Revisiting the physiology of ascent of sap in plants: legendary experiment of J. C. Bose.	Das SK, Dutta, D, Naskar S, Palchaudhury S, Dey A*.	Current science. 115(6).	2018	Impact Factor: 0.883	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. Feb 5. doi: 10.1007/s12011-019-1657-2. [Epub ahead of print	2019	Impact Factor: 2.42	Presidency University	
Differential interaction strategies of hepatitis c virus genotypes during entry– An in silico investigation of envelope glycoprotein E2 - CD81 interaction.	Bhattacharjee C, Nandy S. K., Das P, Mukhopadhyay A*	Infection, Genetics and Evolution. 69 Apr;69:48-60. doi: 10.1016/j.meegid.2019.01.008 . * corresponding author.	2019		Presidency University	
Flocculating, emulsification and metal sorption properties of a partial characterized novel exopolysaccharide produced by Rhizobium tropici SRA1 isolated from Psophocarpus tetragonolobus (L) D.C.	Das S, Sen I. K., Kati A, Some S, Mandal A.K., Islam S. S., Bhattacharyya R and Mukhopadhyay A*.	International Microbiology , Mar;22(1):91-101. . doi.org/10.1007/s10123-018-0031-0.	2019		Presidency University	
Immuno-metabolic changes in Herpes virus infection.	Chattopadhyay D, Mukhopadhyay A, Ojha D, Sadhukhan P.C., Dutta S.	Cytokine (2018), Dec; 112:52-62. doi: 10.1016/j.cyto.2018.06.028.	2018		Presidency University	

Comparative anatomy and homology of jaw adductor muscles of some south Asian colubrid snakes (Serpentes: Colubroidea)	S Das, K Pramanick	Vertebrate Zoology 69(1), 93-102.	2019	(1.282 (2018),)	Presidency University	
Analysing progress of sustainable development goal 6 in India: Past, present and future.	A Roy, K Pramanick	Journal of Environmental Management 232, 1049-1065.	2019	4.865 (2019)	Presidency University	
Seasonal ovarian development in relation to the gonadotropins, steroids, aromatase and steroidogenic factor 1 (SF-1) in the banded gourami, <i>Trichogaster fasciata</i> .	R Guchhait, A Chatterjee, D Mukherjee, K Pramanick	General and Comparative Endocrinology 268, 40-49	2018	2.445 (2019)	Presidency University	
Identification, characterization and gene expression analyses of important flowering genes related to photoperiodic pathway in bamboo.	Dutta S, Biswas P, Chakraborty S, Mitra D, Pal A, Das M*	BMC Genomics 19:190, https://doi.org/10.1186/s12864-018-4571-7 *corresponding author	2018			
Scheduled optimal sleep duration and screen exposure time promotes cognitive performance and healthy BMI: a study among rural school children of India.	Dutta K, Mukherjee R, Das R, Chowdhury A, Sen D, Sahu S.	Biological Rhythm Research https://doi.org/10.1080/09291016.2019.1646505	2019	0.773	Presidency University	
Identification of candidate reference genes in tropical bamboos stable across tissues, and species barrier.	Chakraborty S., Dutta S., Biswas P., Das M*	Biologia Plantarum	2019		Presidency University	
An effective, complete and non-toxic dose of biogenic mangrove plant synthesized silver nanoparticles that can revive the susceptibility of resistant antibiotics against <i>Klebsiella pneumoniae</i> .	Saha S., Sikdar (Bhakta) M*, Deb B., Bhattacharyya R. and Mandal, S.M	Biomedicine;	2018		Presidency University	
Hydroxychavicol sensitizes imatinib-resistant Chronic Myelogenous Leukemia cells to TRAIL-induced apoptosis by ROS-mediated IAP Downregulation.	Paul T, Banerjee A, Reddy S V B, Mahato S K, Biswas N*.	Anticancer Drugs. Feb; 30(2): 167-178.	2019		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	Impact Factor: 2.42	Presidency University	
Tbx20 promotes H9c2 cell survival against oxidative stress and hypoxia in vitro.	Sen P, Polley A, Sengupta A and Chakraborty S*.	Indian Journal of Experimental Biology 57:643-655	2019		Presidency University	
An Insight into the Cellulolytic Potential of Three Strains of Bacillus Spp. Isolated from Benthic Soil of Aquaculture Farms in East Kolkata Wetlands, India.	A De, S Mukherjee, GC Sathukhan, NC Saha.	Journal of Pure and Applied Microbiology http://dx.doi.org/10.22207/JPAM.12.3.66	2018		Presidency University	
Isolation and characterization of benzene utilizing bacillus spp. From petroleum contaminated soil in Kolkata, West Bengal, India	S Mukherjee, A De, NK sarkar, NC Saha.	Asian Jr. of Microbiol. Biotech. Env. Sc. Vol. 21, No. (2) : : 428-437.	2019		Presidency University	
Hyperphosphorylation of CDH1 in glioblastoma cancer stem cells attenuates APC/CCDH1 activity and pharmacological inhibition of APC/CCDH1/CDC20 compromises viability.	De K., Grubb T., Zalenski A., Pfaff K., Pal D., Majumder S., Summers M.K., Venere M.	Molecular Cancer Research, 17(7):1519-1530.	2019	4.5	Presidency University	
A Biochemical Network in control of basal myosin oscillation during Drosophila egg chamber elongation.	Qin, X., Hannezo, E., Mangeat, T., Liu, C., Majumder, P., Liu, J., Cadamuro, V., McDonald, J.A., Liu, Y., Yi, B., Wang, X	Nat.Comm. 9(1) 1210	2018		Presidency University	
Sarm1 induction and accompanying inflammatory response mediates age-dependent susceptibility to rotenone induced neurotoxicity.	Sur M, Dey P, Sarkar A, Bar S, Banerjee D, Bhat S and Mukherjee P.	Cell Death Discovery	Dec-18		Presidency University	
Gestational diabetes mellitus in a tertiary care hospital of Kolkata, India: prevalence, pathogenesis and potential disease biomarkers.	Basu J, Datta C, Chowdhury S, Mandal D, Mondal NK, Ghosh A*.	Experimental and Clinical Endocrinology & Diabetes (Accepted, ID, ECED-09-2018-0367-Diabetes-Art.R1)	Dec-18		Presidency University	

Ancistrosyllis matlaensis n. sp. (Polychaeta: Pilargidae) from the Sundarban Estuarine System, India.	S.Mandal*, S. Deb	Zootaxa 4531 (3): 419–429. https://doi.org/10.11646/zootaxa.4531.3.6	2018		Presidency University	
Intra-monsoonal variation of zooplankton population in the Sundarbans Estuarine System, India.	T.Nandy, S.Mandal*, M.Chatterjee	Environmental Monitoring and Assessment	2018		Presidency University	
GhSTOP1, a C2H2 type zinc finger transcription factor is essential for Aluminum and proton stress tolerance and lateral root initiation in cotton.	Kundu A, Das S, Basu S, Kobayashi Y, Kobayashi Y, Hiroyuki K, Ganesan M.	Plant Biology, 21 (1): 35-44.	2019		Presidency University	
Free radical stress induces DNA damage response in RAW264.7 macrophages during Mycobacterium smegmatis infection.	Ghosh C, Sarkar A, Anuja K, Das MC, Chakraborty A, Jawed JJ, Gupta P, Majumdar S, Banerjee B, Bhattacharjee S.	Archives of Microbiol. May;201(4):487-498. Doi: 10.1007/s00203-018-1587-y.	2019			
Conformational Switch Driven Membrane Pore Formation by Mycobacterium Secretory Protein MPT63 Induces Macrophage Cell Death	Sannigrahi A, Nandi I, Chall S, Jawed JJ, Halder A, Majumdar S, Karmakar S, Chattopadhyay K.	ACS Jul 19;14(7):1601-1610. doi: 10.1021/acscembi.0.9b00327.	2019			
Thiophene analogue of Isotanshinone nucleus-II: A novel approach towards the synthesis of phenanthro[4,3-b]thiophene-4,5-dione and phenanthro[3,4-b]thiophene-4,5-dione derivatives	Aparna Sarkar, Rumpa Das, Gandhi K. Kar.	ChemistrySelect 2018, 3, 11422 (DOI:10.1002/slct.201802652) (Impact factor: 1.716)	2018		Presidency University (PU)	
Molecular imaging of Sirtuin1 expression-activity in the rat brain using Positron Emission Tomography/Magnetic Resonance Imaging (PET/MRI) with [18F]-2-fluoro-benzoylaminohexanoic acid	Popov, M. T. Laws, D. Gelovani, Anjoy Majhi, A. Shavrin, X. Lu, O. Muzik, N. Turkman, R. Liu, T. Mangner, and J. G. Gelovani.	J. Med. Chem., 2018, 61, 7166 (Impact factor: 6.054)	2018		Presidency University (PU)	
Design, Synthesis, and Biophysical Studies of Novel 1,2,3-Triazole-Based Quinoline and Coumarin Compounds	Sandip Paul, Pritam Roy, Pinki Saha Sardar and Anjoy Majhi	ACS Omega, 2019, 4, 7213 (Impact factor: 2.58)	2019		Presidency University (PU)	

NHC stabilized Pd-nanoclusters in the Mizoroki–Heck reaction within microemulsion: exploring the role of imidazolium salt in rate enhancement	K. Ghosh, S. Dhara, S. Jana, S. Das, S. Roy	. New J. Chem., 2019,43, 1993 (Impact factor 3.069)	2019		Presidency University (PU)	
Synthesis of ‘living’ poly(2-dimethylamino- ethyl methacrylate) and stimuli responsive / multifunctional block copolymers effective in fabrication of CdS ‘smart’ ‘Q-Particles’	U. Basak, R. Ghosh, T. Ghosh, S. Majumdar, M. Pakhira, T. Ghosh, D. P. Chatterjee	Polymer , 2018, 155, 27 (Impact factor 3.88)	2018		Presidency University (PU)	
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