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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Importance of urban forestry with special reference to Kolkata	Asmita Mukherjee	Geography	IOSR Journal of Humanities and Social Science	2015	2279-0837	https://api.semanticscholar.org/CorpusID:130278657
Study of distribution of xylanase producing microbes in soil: a case study in Midnapore Town, Paschim Medinipur, West Bengal, India. 06(08):1712-1718.	Asish Mandal	Botany	Asian Journal of Science and Technoloy,	2015	0976-3376	https://www.journalajst.com/study-distribution-xylanase-producing-microbes-soil-case-study-midnapore-town-paschim-medinipur-west
Effect of nitrogen sources, phosphate sources and metal ions on the production of xylanase by Bacillus cereus BSA1. 07(08):19391-19394.	Asish Mandal	Botany	International Journal of Current Research,	2015	0975-833X	http://www.journalcra.com/article/effect-nitrogen-sources-phosphate-sources-and-metal-ions-production-xylanase-bacillus-cereus

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Review on Microbial Xylanases and their Applications. 4 (3):178-187.	Asish Mandal	Botany	International Journal of Life Sciences	2015	2277-193X	http://www.crdeepjournal.org/wp-content/uploads/2015/07/Vol-4-3-5-IJLS1.pdf
Characterization of Xylanase Protein Sequences of Bacillus cereus: An In-Silico Study. 9 (Spl. Edn. 2): 321-326.	Asish Mandal	Botany	Journal of pure and applied microbiology,	2015	0973-7510	https://microbiologyjournal.org/characterization-of-xylanase-protein-sequences-of-bacillus-cereus-an-in-silico-study/
Parametric optimization of submerged fermentation conditions for xylanase production by Bacillus cereus BSA1 through Taguchi Methodology. 59(2):189-195	Mandal, A., Kar, S., Tapan, D., Pati B. R., Mondal K. C., and Das Mohapatra P. K.	Botany	Acta Biologica Szegediensis,	2015	15884082, 1588385X	https://www2.sci.u-szeged.hu/ABS/2015/Acta%20HPe/59189.pdf
Enumeration of Angiospermic Plants in Pokabandh areas of Bishnupur, Bankura, West Bengal, India	Sanju Dutta	Botany	International Journal of Life Sciences	2015	277-193x	http://www.crdeepjournal.org/wp-content/uploads/2015/07/Vol-4-3-4-IJLS.pdf

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Floristic Study of Some Weeds Found in the Rice Field of Palita of the District Burdwan, West Bengal	Mallick, S.K.	Botany	Remarking 2(5): 10-12.	2015	2394-0344	http://www.socialresearchfoundation.com/upoadreserchpapers/5/77/1601050808461st%20shyamal%20kanti%20mallick.pdf
Enumeration of Angiospermic plants in Pokabandh areas of Bishnupur, Bankura, West Bengal, India	Mandal, A., S. Dutta, S. K. Mallick	Botany	International Journal of Life Sciences", Vol. 4. No. 3. Pp.173-177	2015	2277-193X	http://www.crdeepjournal.org/wp-content/uploads/2015/07/Vol-4-3-4-IJLS.pdf
Status of chemical industry-West Bengal and states of India	Asmita Mukherjee	Geography	IOSR Journal of Humanities and Social Science	2015	2279-0837	https://api.semanticscholar.org/CorpusID:130048511
Generalized lag anti-synchronization of coupled chaotic systems	MA KHAN	MATHEMATICS	Journal of Dynamical Systems and Geometric Theories Taylor & Francis	2015	2169-0057	https://www.tandfonline.com/doi/abs/10.1080/1726037X.2015.1116666
Lag anti-synchronization of delay coupled chaotic systems via scalar signal	MA KHAN	MATHEMATICS	Differential Geometry and Dynamical system	2015	1454-511X	https://www.semanticscholar.org/paper/Lag-anti-synchronization-of-delay-coupled-chaotic-a-Khan/bf54132d31a152787744e78004bdacdf74153918?p2df

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A quasi-numerical solution for 3-D meso-scale lee wave associated with meso-scale baroclinic dry mean flow across the Assam-Burma hills in India	Prasanta Das, Somenath Dutta and Shyamal Kumar Mondal	Mathematics	Journal of Indian Geophysical Union	2015	0971-9709	https://www.researchgate.net/publication/280154872_A_quasi-numerical_solution_for_3-D_meso-scale_lee_wave_associated_with_meso-scale_baroclinic_dry_mean_flow_across_the_Assam-Burma_hills_in_India
2. "An analytic contemplation on the conspicuous vicissitudes in the histomorphology of corpuscles of Stannius of a fresh water catfish Mystus tengara (Hamilton, 1822) due to the exposure of ZnS nanoparticles" Volume 2015, Article ID 697053, doi:10.1155/2015/697053.	Nilanjana Chatterjee and Baibaswata Bhattacharjee	Physics	Scientifica	2015	2090-908X	https://pubmed.ncbi.nlm.nih.gov/26693386/

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"The chronicle pertaining to the nests of the natural Arachnidicide Sceliphron caementarium (mud dauber) collected from four different districts of West Bengal, India".	Nilanjana Chatterjee,	ZOOLOGY	Journal of Research in Agriculture and Animal Science, 2015, 3(4): 1-9.[	2015	ISSN No: 2321-9459	http://www.questjournals.org/jraas/papers/vol3-issue4/A340109.pdf
"An analytic contemplation on the conspicuous vicissitudes in the histomorphology of corpuscles of Stannius of a fresh water catfish Mystus tengara (Hamilton, 1822) due to the exposure of ZnS nanoparticles" .	N. Chatterjee and B. Bhattacharjee,	ZOOLOGY	Scientifica, Volume 2015, Article ID 697053, doi:10.1155/2015/697053	2015	ISSN: 2090-908X	https://www.hindawi.com/journals/scientifica/2015/697053
An Investigation on Arbuscular Mycorrhizal Colonization in some Pteridophytes of West Bengal, India	REBECA GHANTA	Botany	Int. J. Adv. Res. Biol. Sci.	2016	2348-8069	https://www.researchgate.net/publication/310765305_An_Investigation_on_Arbuscular_Mycorrhizal_Colonization_in_some_Pteridophytes_of_West_Bengal_India

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Temporospatial synchronization of discrete Logistic map through complex network	MA KHAN & B SAHOO	MATHEMATICS	Optik ELSEVIER	2016	0030-4026	https://doi.org/10.1016/j.ijleo.2015.10.197
Momentum flux and energy flux associated with internal gravity waves excited by the Assam-Burma hills in India	Prasanta Das, Somenath Dutta, Shyamal Kumar Mondal & A. Khan	Mathematics	Modeling Earth Systems and Environment SPRINGER	2016	2363-6211	https://www.researchgate.net/publication/299583432_Momentum_Flux_and_Energy_Flux_Associated_with_Internal_Gravity_Waves_Excited_By_the_Assam-Burma_Hills_in_India
Orographic effects on a 3-D barotropic lee wave across a meso-scale mountain corner	Prasanta Das, Somenath Dutta and Shyamal Kumar Mondal	Mathematics	Modeling Earth Systems and Environment SPRINGER	2016	2363-6211	https://link.springer.com/article/10.1007/s40808-016-0166-y
Orographic effect of the Assam-Burma hills in India on a barotropic air-stream	Prasanta Das, Somenath Dutta and Shyamal Kumar Mondal	Mathematics	International Research Journal of Natural and Applied Sciences	2016	2349-4077	https://www.researchgate.net/publication/292986604_OROGRAPHIC_EFFECT_OF_THE_ASSAM-BURMA_HILLS_IN_INDIA_ON_A_BAROTROPIC_AIR-STREAM
"Perilous Effect of ZnS Nanoparticles on Testicular cell development	B. Bhattacharjee and N. Chatterjee,	ZOOLOGY	Advanced Science Letters	2016	.ISSN: 1936-6612 (print) 1936-7317	https://doi.org/10.1166/asl.2016.6787

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and sperm morphology in the Asian striped catfish Mystus vittatus (Bloch, 1794)",22(1),; 2016, 64-70					(web)]. (I.F-1.253)	
"ZnS nanoparticles affect hazardously the process of oogenesis in the dwarf Asian striped catfish Mystus vittatus (Bloch, 1794)", 22 (1)	N. Chatterjee and B. Bhattacharjee	ZOOLOGY	Advanced Science Letters	2016	126-131.[ISSN: 1936-6612 (print) 1936-7317 (web)]. (I.F-1.253	https://doi.org/10.1166/asl.2016.6789
"Revelation of ZnS nanoparticles induce follicular atresia and apoptosis in the ovarian preovulatory follicles in the catfish Mystus tengara (Hamilton, 1822)".Volume 2016, Article ID 3927340, 7 pages.	N. Chatterjee and B. Bhattacharjee	ZOOLOGY	Scientifica.	2016	ISSN: 2090-908X	https://www.hindawi.com/journals/scientifica/2016/3927340
High Fat Diet Induced Myocardial Injury : A Time	Bose G, Ghosh A, Mishra S, Dey T and	Nutrition	Jornal of Pharmacy Research	2017	0974-6943	https://jprsolutions.info/files/final-file-594e72f576bff0.64762386.pdf

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Response Study	Bandyopadhyay D.					
Study of Physico-chemical Parameters, Planktonic Diversity and Bacterial Load of Clarias batrachus Cultivation Pond at Bankura, WB, India. Vol. 6(12), 23-34.	Ganguly A., Mandal A., Khan M. A., Dutta T. K., Raha S. and Das Mohapatra P. K.	Botany	International Research Journal of Biological Sciences,	2017	2278-3202	http://www.isca.in/IJBS/Archive/v6/i12/4.ISCA-IRJBS-2017-096.php
Study of phytochemical analysis, antimicrobial properties of Flacourtia indica (Burm.f.)Merr. and its in vitro shoot culture	Mousumi Chatterjee, Indrani Chandra and Sabyasachi Chatterjee (Corresponding author)	Botany	International journal of Bioinformatics and Biological Science	2017	2319-5169	http://ndpublisher.in/admin/issues/IJBBSv4no2d.pdf
Plastic industry in West Bengal and its impact on public health – an over view	Asmita Mukherjee	Geography	Indian journal of regional science	2017	0046-9017	https://www.indianjournals.com/ijor.aspx?target=ijor:ijrs&volume=49&issue=1&article=003

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Design of multistable systems via partial synchronization	Ma Khan, M Nag & S Poria	MATHEMATICS	PRAMANA-Journal of Physics SPRINGER	2017	0304-4289	https://scholar.google.co.in/scholar?q=Design+of+multistable+systems+via+partial+synchronization+journal+by+ma+khan&hl=en&as_sdt=0&as_vis=1&oi=scholart
Mixed synchronization scheme for coupled different dimensional dynamical systems	MA KHAN	MATHEMATICS	International Journal of Applied and Computational Mathematics SPRINGER	2017	2349-5103	https://www.researchgate.net/publication/304397351_Mixed_Synchronization_Scheme_for_Coupled_Different_Dimensional_Dynamical_Systems
Generalized anti-synchronization of different coupled hyperchaotic systems via linear transformation	S. Bera, HP Mazumdar & MA Khan	MATHEMATICS	The European Physical Society	2017	1310-0157	http://www.bjp-bg.com/papers/bjp2017_3_231-241.pdf
A Generalized Anti-synchronization of Discrete Chaotic Maps via Linear Transformations	D Maity, MA Khan, B Sahoo & A Tarai	MATHEMATICS	Int. J. of Nonlinear Science WORLD ACADEMIC UNION	2017	1749-3889	http://www.internonlinearscience.org/upload/papers/IJNS%20Vol%2024%20%20No%201%20Paper%206-A%20Generalized.pdf

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A mathematical model for the 3-D dynamics of lee wave across a meso-scale mountain corner	Prasanta Das, Somenath Dutta and Shyamal Kumar Mondal	Mathematics	MAUSAM	2017	0252-9416	https://www.researchgate.net/publication/317588075_A_mathematical_model_for_the_3-D_dynamics_of_lee_wave_across_a_meso-scale_mountain_corner
"व्यसन-विमर्शः"	DEBOBRATO SARKAR	SANSKRIT	ANVIKSA	2017	5871646	http://ugc-journals.com/Publisher-Wise-Journal/Department-of-Sanskrit-JU
"Disquieting effect of ZnS nanoparticles on an Indian minor carp, Labeo bata (Hamilton, 1822) and the Asian dwarf striped catfish Mystus vittatus (Bloch, 1794) with respect to some of their vital organs: A comparative study".; 5 (12): 1599-1611.	Nilanjana Chatterjee and Baibaswata Bhattacharjee	ZOOLOGY	International Journal of Advanced Research	2017	ISSN 2320-5407	http://dx.doi.org/10.21474/IJAR01/6124
"Harishchandra-Narad Samvad" Page No-66-68	Gour Baran De	Sanskrit	"Innovation The Research Concept	2018	2456-5474	http://www.socialresearchfoundation.com/upoadreserchpapers/6/194/1802171223471st%20ga

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"Metaphysics and Aesthetics influence of the Sankhya and Advaita to Gaudiya Vaisnavism" .Page No-276-280	SOMA BHATTACHARYA	Sanskrit	"Innovation The Research Concept	2018	2456-5474	http://www.socialresearchfoundation.com/upoadreserchpapers/6/204/1804081133591st%20soma%20bhatacharya.pdf
British parbe Shikshai bishnupur pourasabha	Bishnupada Malik	History	Samaj o Rajnitee	2018	2321-9947	www.thecho.in
Marketing System of Conch Shell Indstry of a Bengal District:Bankura	Mrinal Kanti Dhank	History	Remarking an Analisation	2018	(E) 2455-081 (p) 2394-0344	http://www.socialresearchfoundation.com/upoadreserchpapers/5/203/1804050709431st%20mrinal%20kanti%20dhank.pdf
Effects of Selected Yogasana and Callisthenic practice on Heart Rate and Blood Pressure of College Girls.	Dr. Deepak Kumar Singh	Physical Education	International Journal of Yogic, Human Movement and Sports Science.	2018	2456-4419	https://www.semanticscholar.org/paper/Influence-of-selected-yoga-Sana-and-callisthenic-on-Singh-Chakraborty/3ac13220dc21782fcdb16a29628213b95c44fd71
Optimization of Effective Dose of a Newly Isolated	Ganguly A., Banerjee A., Mandal. A. and Das	Botany	Research Journal of life Sciences, Bioinformatics	2018	2454-6348	http://www.rjlbpcs.com/article-pdf-downloads/2018/20/303.pdf

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Probiotic Bacteria for Growth and Disease Resistance of Clarias batrachus (Linn). DOI: 10.26479/2018.0404.30	Mohapatra P. K.		, pharmaceutica ls and chemical Sciences.			
Probiotic-based Cultivation of Clarious batrachus: Importance and future Perspective., 62(2):158-168	Ganguly A., Banerjee A., Mandal. A. and Das Mohapatra P. K.	Botany	Acta Biologica Szegediensis	2018	15884082 , 1588385X	http://abs.bibl.u-szeged.hu/index.php/abs/article/view/2972
Study of Indigenous Freshwater Fish Diversity of Bankura (West Bengal), India with special reference to Clarias batrachus. 10(4): 1162 – 1172	Ganguly A., Banerjee A., Mandal. A., Dutta T and Das Mohapatra P. K.	Botany	Journal of applied and Natural Science	2018	2231-5209	https://journals.ansfoundation.org/index.php/jans/article/view/1892
Isolation and Characterization of Bacteria from the Intestine of Clarias batrachus for Probiotic Organism (2018)	Ganguly A., Banerjee A., Mandal. A., Khan M.A. and Das Mohapatra P. K.	Botany	Proceeding of Zoological Society	2018	0974-6919	https://www.researchgate.net/publication/329517226_Isolation_and_Characterization_of_Bacteria_from_the_Intestine_of_Clarias_batrachus_for_Probiotic_Organism

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Agrohomeopathy: An Emerging field of Agriculture for Higher Crop productivity and protection of plants against various stress conditions	Sushobhan Sen, Indrani Chandra, Mst. Arjina Khatun,Sabyasachi Chatterjee and Sumanta Das	Botany	IJRAR	2018	E-ISSN 2348-1269, P-ISSN 2349-5138	https://www.academia.edu/37642131/AGROHOMEOPATHY_AN_EMERGING_FIELD_OF_AGRICULTURE_FOR_HIGHER_CROP_PRODUCTIVITY_AND_PROTECTION_OF_PLANTS_AGAINST_VARIOUS_STRESS_CONDITIONS
Multistability in coupled different-dimensional dynamical systems	MA KHAN, M NAG & S PORIA	MATHEMATICS	PRAMANA-Journal of Physics SPRINGER	2018	0304-4289	https://www.ias.ac.in/describe/article/pram/091/06/0089
Isolation and Characterization of Bacteria from the Intestine of Clarias batrachus for Probiotic organism	A Ganguly, A Banerjee, A Mandal, MA Khan & PKD Mohapatra	MATHEMATICS	Proceedings of the Zoological Society SPRINGER	2018	0373-5893	https://www.researchgate.net/publication/329517226_Isolation_and_Characterization_of_Bacteria_from_the_Intestine_of_Clarias_batrachus_for_Probiotic_Organism
A dynamical model for diagnosing orographic rainfall Across Assam–Burma hills in India	Prasanta Das, Somenath Dutta and Shyamal Kumar Mondal	Mathematics	Modeling Earth Systems and Environment SPRINGER	2018	2363-6211	https://www.researchgate.net/publication/326430659_A_dynamical_model_for_diagnosing_orographic_rainfall_across_Assam-Burma_hills_in_India
"ZnS nanoparticles persuade alterations in metabolic and haematologica	N. Chatterjee and B. Bhattacharjee	ZOOLOGY	Journal of Applied Biology & Biotechnology	2018	ISSN Print : 2455-7005 ISSN Online: 2347-212X	http://www.jabonline.in/

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"Some important physico-chemical properties of the water of "Lalbandh", Bishnupur, Bankura: Search for a correlation with the surrounding environments. ", 8(12), 637-640.	Nilanjana Chatterjee and Baibaswata Bhattacharjee	ZOOLOGY	International Journal of Basic and Applied Research	2018	ISSN Print : 2249-3352 ISSN Online: 2278-0505	http://www.pragatipublication.com/assets/uploads/doc/93467-637-640.16117.pdf
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