

Publication Details under the UGC CARE journals

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		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list
Effect of curvature on bilayer thickness of liposome suspensions in water	Ankush Pal, Devang Khakhar, Debes Ray, Vinod K Aswal	Department Of Biotechnology	Physica Scripta	2023	0031-8949	https://iopscience.iop.org/journal/1402-4896	https://iopscience.iop.org/article/10.1088/1402-4896/acfd66/meta	Yes
A Novel Nanoformulation of α -Eleostearic Acid Restores Molecular Pathogenesis of Hypersensitivity	Debjyoti Paul, Krishne ndu Manna, Aaveri Sengupta, Sayani Mukherjee, Sanjit Dey, Prasanta K Bag, Pubali Dhar	Department Of Biotechnology	Nanomedicine	2019	1743-5889	https://www.tandfonline.com/journals/innm20	https://doi.org/10.2217/nnm-2018-0450	Yes
Characterization of plant growth promoting feature of a neutromesophilic, facultatively chemolithoautotrophic, sulphur oxidizing bacterium Delftia sp. strain SR4 isolated from coal mine spoil	Satarupa Roy & Madhumita Roy	Department Of Biotechnology	International Journal of Phytoremediation	2019	1522-6514	https://www.tandfonline.com/journals/bijp20	https://doi.org/10.1080/15226514.2018.1537238	Yes
Assessment of Malnutrition among Students of Various Districts of West Bengal: A Review	Sreenath Dey, Malavika Bhattacharya	Department Of Biotechnology	Indian Journal of Public Health Research & Development	2020	0976-0245	https://ijphrd.com/index.html	https://doi.org/10.37506/ijphrd.v1i8.10911	Yes

CINNAMALDEHYDE, THE MAJOR COMPONENT OF CINNAMOMUM ZEYLANICUM, AFFECTS INFLAMMATORY PATHWAYS	S. Mahapatra, S. Roy, P. Chakraborty, N. Chakraborty, U. Paul, P. Chatterjee, S. Banerjee, P. Sarkar and M. Bhattacharya	Department Of Biotechnology	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCE S AND RESEARCH	2020	0975-8232	https://ijpsr.com/bft-article/cinnamaldehyde-the-major-component-of-cinnamomum-zeylanicum-affects-inflammatory-pathways/	https://doi.org/10.13040/IJPSR.0975-8232.11(11).578-8-91	Yes
Comparative Analysis of Aqueous Extract of Allergic Food Samples	N. Mitra, M. Bhattacharya	Department Of Biotechnology	Asian Journal of Dairy and Food Research	2020	0971-4456	https://arccjournals.com/journal/asian-journal-of-dairy-and-food-research	https://arccjournals.com/journal/asian-journal-of-dairy-and-food-research/DR-1491	Yes
Comparative analysis of some commonly consumed allergic food materials	MOUMITA PAUL, SUBARNA BAG, SOUMILI DUTTAGUPTA, Malavika Bhattacharya	Department Of Biotechnology	Journal of Drug Delivery and Therapeutics	2019	2250-1177	https://jddtonline.info/index.php/jddt/index	https://doi.org/10.22270/jddt.v9i2-s.2602	Yes
Different parts of Solanum lycopersicum, carotenoid: nutritional analysis and role in antimicrobial activity	Atreyee Majumder, Sudeshna Sengupta, Sushmita Baidya, Ishika Dey, Satrajit Dey, Arunita Chandra, Prattusha Chakraborty, Malavika Bhattacharya	Department Of Biotechnology	Indian Journal of Applied and Pure Biology	2023	0970-2091	https://biology-journal.org/	https://www.biology-journal.org/fulltext/v38i3/ijapb38-3-3.pdf	Yes
Different Types of Gene Expression Profiles and Pathway Enrichment Analysis of Oral Dysplastic Keratinocyte Cells Caused by Heavy Smoking	Sudeshna Sengupta, Malavika Bhattacharya	Department Of Biotechnology	Asian Journal of Biological and Life sciences	2022	2278-5957	https://www.ajbls.com/	http://dx.doi.org/10.5530/ajbls.2022.11.91	Yes

Papaya Seed Waste: A Potential Source of Therapeutic Diet	Moumita Saha, Shirsha Mukherjee, Pushpita Mukherjee, Sudeshna Sengupta, Malavika Bhattacharya, Anirban Ghosh, Sirshendu Chatterjee	Department Of Biotechnology	Journal of Pharmaceutical Sciences and Research	2023	0975-1459	https://www.jpsr.pharmainfo.in/index.php	https://www.jpsr.pharmainfo.in/Documents/Volumes/vol15issue01/jpsr15012303.pdf	Yes
PROXIMATE ANALYSIS OF PRE-IDENTIFIED MICRO RNAs DIRECTLY RESPONSIBLE FOR TONGUE, HEAD, NECK AND ORAL SQUAMOUS CELL CARCINOMA	Sudeshna Sengupta, Malavika Bhattacharya	Department Of Biotechnology	Journal of Advanced Scientific Research	2021	0976-9595	https://scienceinfo.in/index.php/JASR	https://doi.org/10.55218/JASR.s2202112223	Yes
Role of malnutrition towards predisposing the population towards Non-communicable diseases (NCDs)	Malavika Bhattacharya	Department Of Biotechnology	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019	2277-8616	http://www.ijstr.org/	https://www.ijstr.org/final-print/dec2019/Role-Of-Malnutrition-Towards-Predisposing-The-Population-Towards-Non-communicable-Diseases-ncds.pdf	Yes
Study of Glycated Hemoglobin (HbA1C) biomarker among the Employees with type 2 Diabetes Mellitus in Relation to Various Other Modifiable Non Communicable Diseases Risk Factors at NSCBI Airport, Kolkata	Manas Kumar Kundu, Malavika Bhattacharya	Department Of Biotechnology	Indian Journal of Public Health Research & Development	2022	0976-0245	https://ijphrd.com/index.html	https://doi.org/10.37506/ijphrd.v13i1.17318	Yes

Study on Non-communicable Diseases (NCDs) and Risk Factors with Special Focus on Diabetes and Cardiovascular Diseases among the Employees of Aviation Sector at NSCBI Airport, Kolkata	Manas Kumar Kundu, Arun Kumar Mandal, Malavika Bhattacharya	Department Of Biotechnology	Indian Journal of Public Health Research & Development	2019	0976-0245	https://ijphrd.com/index.html	https://doi.org/10.37506/v10%2F12%2F2019%2Fijphrd%2F192030	Yes
Host P2X7R-p38MAPK axis mediated intramacrophage leishmanicidal activity of Spergulin-A	Niladri Mukherjee, Saswati Banerjee, Sk. Abdul Amin, Tarun Jha, Sriparna Datta, Krishna Das Saha	Department Of Biotechnology	Experimental Parasitology	2022	1090-2449	https://www.sciencedirect.com/journal/experimental-parasitology	https://doi.org/10.1016/j.exppara.2022.108365	Yes
Costus speciosus (Koen ex. Retz.) Sm.: Current status and future industrial prospects	Priti Maji, Debasmita Ghosh Dhar, Piyali Misra, Priyanka Dhar	Department Of Biotechnology	Industrial Crops and Products	2020	1872-633X	https://www.sciencedirect.com/journal/industrial-crops-and-products	https://doi.org/10.1016/j.indcrop.2020.112571	Yes
Trans-Himalayan Phytococktail Confers Protection Against Hypobaric Hypoxia-Induced Hippocampal Neurodegeneration and Memory Impairment in Male Sprague Dawley Rats	Priyanka Dhar, Saroj Kumar Das, Kalpana Barhwal, Sunil Kumar Hota, Kamla Prasad Mishra, Shashi Bala Singh	Department Of Biotechnology	High Altitude Medicine and Biology	2019	1557-8682	https://home.liebertpub.com/publications/high-altitude-medicine-and-biology/65	https://doi.org/10.1089/ham.2019.0011	Yes
Prospective experimental studies of some herbs used in urinary disorders in Unani medicine	Anjan Adhikari, Sangita Bhattacharya, Sankhadip Bose, Moumita Ray, Rania Indu & Sabyasachi Banerjee	Department Of Biotechnology	Advances in Traditional Medicine	2023	2662-4052	https://link.springer.com/journal/13596	https://doi.org/10.1007/s13596-022-00639-1	Yes

Development and characterization of EST-SSR derived functional domain marker (FDM) in Phaseolus vulgaris (common bean)	Shatabdi Basu, Saurav Bhattacharya	Department Of Biotechnology	Plant OMICS	2022	1836-0661	https://www.pomics.com/	https://doi.org/10.21475/POJ.15.01.22.p3580	Yes
Identification and characterization of mutations in the SARS-CoV-2 RNA-dependent RNA polymerase as a promising antiviral therapeutic target	Niti Yashvardhini, Deepak Kumar Jha, Saurav Bhattacharya	Department Of Biotechnology	Archives of Microbiology	2021	0302-8933	https://link.springer.com/journal/2033	https://doi.org/10.1007/s00203-021-02527-9	Yes
A Review of the Health Benefits of Tea: Implications of the Biochemical Properties of the Bioactive Constituents	Chandrima Das, Arnab Banerjee, Moumita Saha, Sirshendu Chatterjee	Department Of Biotechnology	Current Research in Nutrition and Food Science	2022	2322-0007	https://www.foodandnutritionjournal.org/	http://dx.doi.org/10.12944/CRNF SJ.10.2.5	Yes
BIOCHEMICAL ANALYSIS AND EVALUATION OF ANTIMICROBIAL PROPERTIES OF THEAFLAVINS AND FLAVONOIDS RICH EXTRACT (TFE) AND ITS SILVER NANOCONJUGATES: A COMPARATIVE STUDY	C. Das, A. Dutta, A. Muhuri, S. Kothari, P. Ghosh, A. Roy, A. K. Hazra, S. K. Bandyopadhyay, S. Chatterjee	Department Of Biotechnology	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCE AND RESEARCH	2020	0975-8232	https://ijpsr.com/	https://doi.org/10.13040/IJPSR.0975-8232.11(8).3690-01	Yes

Clove Based Herbal Tea: Development, Phytochemical Analysis and Evaluation of Antimicrobial Property	Chandrima Das, Shreya Kothari, Abhineel Muhuri, Ahana Dutta, Pranabesh Ghosh, Sirshendu Chatterjee	Department Of Biotechnology	Journal of Pharmaceutical Sciences and Research	2019	0975-1459	https://www.jpsr.pharmainfo.in/index.php	https://www.jpsr.pharmainfo.in/Documents/Volumes/vol11issue09/jpsr11091905.pdf	Yes
EVALUATION OF ORGANOLEPTIC, PROXIMATE PARAMETERS AND ANALYSIS OF NUTRITIONAL COMPOSITION OF FIVE WILD WEEDS: A SEARCH FOR LOW-COST NUTRACEUTICALS	P. Ghosh and S. Chatterjee	Department Of Biotechnology	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2020	0975-8232	https://ijpsr.com/	https://doi.org/10.13040/IJPSR.0975-8232.11(10).5170-81	Yes
Evaluation of Phytochemical Constituents and Antioxidant Property of Leaf Acetone Extracts of Five Herbaceous Medicinal Weeds	Pranabesh Ghosh, Swagata Biswas, Alolika Dutta, Maitrayee Biswas, Shakti Das, Chandrima Das, Chandreyi Ghosh, Sirshendu Chatterjee	Department Of Biotechnology	Journal of Pharmaceutical Sciences and Research	2019	0975-1459	https://www.jpsr.pharmainfo.in/index.php	https://www.jpsr.pharmainfo.in/Documents/Volumes/vol11issue08/jpsr11081904.pdf	Yes
Foods Consumption and Associated Risks in Different Types of Breast Cancer: Mini Review	Chandreyi Ghosh, Abhishek Saha, Abhik Saha Roy, Sourjeeta Roy, Moumita Saha, Deblina Mitra, Sirshendu Chatterjee	Department Of Biotechnology	Journal of Pharmaceutical Sciences and Research	2022	0975-1459	https://www.jpsr.pharmainfo.in/index.php	https://www.jpsr.pharmainfo.in/Documents/Volumes/vol14issue07/jpsr14072202.pdf	Yes

Green Synthesis and Characterization of Silver Nano-conjugates using Some Common Medicinal Weeds Leaf Aqueous Extracts	Shaktijit Das, Sirshendu Chatterjee Pranabesh Ghosh, Moumita Saha, Subhadra Nandi, Titav Sengupta, Sohini Kulavi	Department Of Biotechnology	International Journal of Pharmaceutical Sciences and Nanotechnology(IJPSN)	2020	0974-3278	https://www.ijpsnonline.com/index.php/ijpsn	https://doi.org/10.37285/ijpsn.2020.13.1.3	Yes
Green Synthesis of Silver Nanoparticles Using Oldenlandia corymbosa and Ocimum sanctum Leaf Aqueous Extract	Sirshendu Chatterjee, Shaktijit Das, Moumita saha, Pranabesh Ghosh, Titav Sengupta, Subhadra Nandi, Sohini Kulavi, Suprodip Mandal	Department Of Biotechnology	International Journal of Pharmaceutical Sciences and Nanotechnology(IJPSN)	2020	0974-3278	https://www.ijpsnonline.com/index.php/ijpsn	https://doi.org/10.37285/ijpsn.2020.13.3.11	Yes
In-silico Screening of Some Important Bioactive Compounds as Potential Inhibitors of 3CLpro Protein of SARS-CoV-2 and MERS-CoV Virus	Chandreyi Ghosh, Moumita Saha, Sohini kulavi, Sirshendu Chatterjee	Department Of Biotechnology	International Journal of Pharmaceutical Sciences and Nanotechnology(IJPSN)	2022	0974-3278	https://www.ijpsnonline.com/index.php/ijpsn	https://doi.org/10.37285/ijpsn.2022.15.4.4	Yes
NATURAL HABITAT, PHYTOCHEMISTRY AND PHARMACOLOGICAL PROPERTIES OF A MEDICINAL WEED-CLEOME RUTIDOSPERMA DC. (CLEOMACEAE): A COMPREHENSIVE REVIEW	P. Ghosh, Sirshendu Chatterjee , P. Das, A. Banerjee, S. Karmakar and S. Mahapatra	Department Of Biotechnology	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2019	0975-8232	https://ijpsr.com/	https://doi.org/10.13040/IJPSR.0975-8232.10(4).1605-12	Yes

One Size Does Not Fit All: An Overview of Personalized Treatment in Cancer	Sohini Kulavi, Chandreyi Ghosh, Moumita Saha, Sirshendu Chatterjee	Department Of Biotechnology	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	2456-9119	https://journal.jpri.com/index.php/JPRI/index	https://doi.org/10.9734/jpri/2021/v33i28A31513	Yes
Papaya Seed Waste: A Potential Source of Therapeutic Diet	Moumita Saha, Shirsha Mukherjee, Pushpita Mukherjee, Sudeshna Sengupta, Malavika Bhattacharya, Anirban Ghosh, Sirshendu Chatterjee	Department Of Biotechnology	Journal of Pharmaceutical Sciences and Research	2023	0975-1459	https://www.jpri.pharmainfo.in/index.php	https://www.jpri.pharmainfo.in/Documents/Volumes/vol15issue01/jpri15012303.pdf	Yes
Phytochemical composition analysis and evaluation of in vitro medicinal properties and cytotoxicity of five wild weeds: A comparative study	Pranabesh Ghosh, Chandrima Das, Swagata Biswas, Sudip Kumar Nag, Alolika Dutta, Maitrayee Biswas, Sayantan Sil, Labani Hazra, Chandreyi Ghosh, Shaktijit Das, Moumita Saha, Nasim Mondal, Suprodip Mandal, Anirban Ghosh, Srabani Karmakar, Sirshendu Chatterjee	Department Of Biotechnology	F1000Research	2020	2046-1402	https://f1000research.com/	https://doi.org/10.12688/f1000research.22966.1	Yes

Phytochemical Screening, Anti-oxidant and Anti-microbial Activity of leaves of Cleome rutidosperma DC	Pranabesh Ghosh, Maitrayee Biswas, Swagata Biswas, Alolika Dutta, Labani Hazra, Sudip Kumar Nag, Sayantan Sil, Sirshendu Chatterjee	Department Of Biotechnology	Journal of Pharmaceutical Sciences and Research	2019	0975-1459	https://www.jpsr.pharmainfo.in/index.php	https://www.jpsr.pharmainfo.in/Documents/Volumes/vol11issue05/jpsr11051922.pdf	Yes
Phytochemical, Ethnobotanical and Phytopharmacological Discussions about Trianthema portulacastrum Linn. : A Brief Review	Susmita Poddar, Pranabesh Ghosh, Tanusree Sarkar, Ahana Sarkar, Suradipa Choudhury, Sirshendu Chatterjee	Department Of Biotechnology	Journal of Pharmaceutical Sciences and Research	2020	0975-1459	https://www.jpsr.pharmainfo.in/index.php	https://www.jpsr.pharmainfo.in/Documents/Volumes/vol12issue07/jpsr12072008.pdf	Yes
Search for New Inhibitors of Human Aromatase Enzyme (Cyp450) from Bioactive Compounds of Citrus species	Moumita Saha, Sirshendu Chatterjee	Department Of Biotechnology	Oriental Journal of Chemistry	2023	2231-5039	https://www.orientjchem.org/	http://dx.doi.org/10.13005/ojc/390517	Yes
Virtual Screening through Molecular Docking Analysis to Identify Potential Natural Inhibitor(s) of Lyn Tyrosine Kinase- An In-silico Approach	Sohini Kulavi, Soham Banerjee, Titav Sengupta, Chandreyi Ghosh, Moumita Saha, Sirshendu Chatterjee	Department Of Biotechnology	JOURNAL OF PHARMACEUTICAL RESEARCH INTERNATIONAL	2021	2456-9119	https://journaljpri.com/index.php/JPRI/index	https://doi.org/10.9734/jpri/2021/v33i50A33385	Yes

CHARACTERIZATION AND COMPARATIVE EVALUATION OF ANTIBACTERIAL AND CYTOTOXIC EFFICACY BETWEEN TWO QUERCETIN-AU-NANOCONJUGATES SYNTHESIZED USING PURE TRI-SODIUM CITRATE AND ITS NATURAL ALTERNATIVE LEMON EXTRACT	Sohini Kulavi, Subhadra Nandi, Chandrima Das, Titav Sengupta, Moumita Saha, Chandreyi Ghosh, Praneesh Ghosh, Arpita Saha, Sirshendu Chatterjee	Department Of Biotechnology	International Journal of Research in Ayurveda and Pharmacy	2021	2277-4343	https://www.ijrap.net/index.php	http://dx.doi.org/10.7897/2277-4343.120242	Yes
Akt Phosphorylation Orchestrates T11TS Mediated Cell Cycle Arrest in Glioma Cells	Sagar Acharya, Sirshendu Chatterjee, Suhritra Chaudhuri, Manoj Kumar Singh, Debanjan Bhattacharya, Malabika Bhattacharjee, Anirban Ghosh, Swapna Choudhuri	Department Of Biotechnology	Cancer Investigation	2021	1532-4192	https://www.tandfonline.com/journals/icnv20	https://doi.org/10.1080/07357907.2021.1986060	Yes
Comparative Analysis of Nutritional Constituents, Antioxidant and Antimicrobial Activities of Some Common Vegetable Wastes.	SWAGATA BISWAS, PRANABES H GHOSH, ALOLIKA DUTTA, MAITRAYE E BISWAS, SIRSHENDU CHATTERJEE	Department Of Biotechnology	Current Research in Nutrition and Food Science	2021	2322-0007	https://www.foodandnutritionjournal.org/	http://dx.doi.org/10.12944/CRNFSJ.9.1.07	Yes

Some roadside medicinal weeds as bio-indicator of air pollution in Kolkata	Pranabesh Ghosh, Sirshendu Chatterjee, Suradipa Choudhury, Tanusree Sarkar, Ahana Sarkar, Susmita Poddar	Department Of Biotechnology	Journal of Applied Biology & Biotechnology	2021	2347-212X	https://jabonline.in/	http://dx.doi.org/10.7324/JABB.2021.9216	Yes
Enhanced Substrate Specificity of Thermostable Cytochrome P450 CYP175A1 by Site Saturation Mutation on Tyrosine 68	Srabani Karmakar, Sudip Kumar Nag, Mohd Taher, Bharat T. Kansara & Shyamalava Mazumdar	Department Of Biotechnology	The Protein Journal	2022	1572-3887	https://link.springer.com/journal/10930	https://doi.org/10.1007/s10930-022-10084-3	Yes
Partial purification and biochemical characterization of proteases of common spice seeds of Carom, Coriander, Black Cardamom and Green Cardamom medicinal plants	Chatterjee Rituparna, Das Samvidha, Ghosh Rakhi, Karmakar Srabani	Department Of Biotechnology	Medicinal Plants - International Journal of Phytomedicines and Related Industries	2022	0975-4261	https://www.indianjournals.com/ijor.aspx?target=ijor:mpijpri&type=home	http://dx.doi.org/10.5958/0975-6892.2022.00052.1	Yes

Phytochemical composition analysis and evaluation of in vitro medicinal properties and cytotoxicity of five wild weeds: A comparative study	Pranabesh Ghosh, Chandrima Das, Swagata Biswas, Sudip Kumar Nag, Alolika Dutta, Maitrayee Biswas, Sayantan Sil, Labani Hazra, Chandreyi Ghosh, Shaktijit Das, Moumita Saha, Nasim Mondal, Suprodip Mandal, Anirban Ghosh, Srabani Karmakar, Sirshendu Chatterjee	Department Of Biotechnology	F1000Research	2020	2046-1402	https://f1000research.com/	https://doi.org/10.12688/f1000research.22966.1	Yes
Surface plasmon resonance study of the interaction of 4,4'-dianilino-1,1'-binaphthyl-5,5'-disulfonic acid dipotassium salt (bis-ANS) and adenosine triphosphate (ATP) with oligomeric recombinant human lens α -crystallin	Srabani Karmakar, Shrutidhara Biswas, Kali P. Das, Umakanta Tripathy	Department Of Biotechnology	Canadian Journal of Chemistry	2019	0008-4042	https://cdnsciencepub.com/journal/cjc	https://doi.org/10.1139/cjc-2018-0412	Yes
Glycyrrhiza glabra alcoholic root extract ameliorates hyperglycemia, hyperlipidemia, and glycation-induced free iron-mediated oxidative reactions	Subhrojit Sen, Rahul Singh	Department Of Biotechnology	Journal of Food Biochemistry	2021	1745-4514	https://onlinelibrary.wiley.com/journal/10.1111/jfbc	https://doi.org/10.1111/jfbc.13970	Yes

Construction of a 2D/2D g-C ₃ N ₅ /NiCr-LDH Heterostructure to Boost the Green Ammonia Production Rate under Visible Light Illumination	Bharati Debnath, Sk Mujaffar Hossain, Anustup Sadhu, Saideep Singh, Vivek Polshettiwar, Satishchandra Ogale	Department Of Chemistry	ACS Applied Materials & Interfaces	2022	1944-8244	https://pubs.acs.org/journal/aamick	https://doi.org/10.1021/acsami.2c03758	Yes
Arylamination via ortho-fusion on an azo-appended pyridine carboxamide complex of copper(II)	Indresh Verma, Narottam Mukhopadhyay, Arunava Sengupta, Rabindranath Mukherjee	Department Of Chemistry	Journal of Organometallic Chemistry	2021	1872-8561	https://www.sciencedirect.com/journal/journal-of-organometallic-chemistry	https://doi.org/10.1016/j.jorganchem.2021.122121	Yes
Controlled C–H bond activation leads to orthometalation and ring-hydroxylation in Ni(II) and Pd(II) complexes of a common tridentate azophenyl-salicylaldimine ligand	Akram Ali, Saumitra Bhowmik, Arunava Sengupta, Narottam Mukhopadhyay, Rabindranath Mukherjee	Department Of Chemistry	Inorganica Chimica Acta	2022	1873-3255	https://www.sciencedirect.com/journal/inorganica-chimica-acta	https://doi.org/10.1016/j.ica.2022.120960	Yes
Dimeric Mn(ii), Co(ii), Ni(ii) and Cu(ii) complexes of a common carboxylate-appended (2-pyridyl)alkylamine ligand: structure, magnetism and DFT study	Munirathnam Manda, Himanshu Arora, Arunava Sengupta, Shashi Kant, Francesc Lloret, Rabindranath Mukherjee	Department Of Chemistry	New Journal of Chemistry	2021	1144-0546	https://pubs.rsc.org/en/journals/journals/nj#!recentarticles&adv	https://doi.org/10.1039/D1NJ01150B	Yes

Five-coordinate [(L2)2CuII(X)]z+ (X = H2O, z = 2; X = N3-, SCN-, NO2-, MeCO2-, Cl-, Br-, z = 1; L2 = 1-benzyl-[3-(2-pyridyl)]pyrazole) complexes: Structural index, EPR and redox potential correlations	Jhumpa Mukherjee, Arunava Sengupta, Rabindranath Mukherjee	Department Of Chemistry	Inorganica Chimica Acta	2020	1873-3255	https://www.sciencedirect.com/journal/inorganica-chimica-acta	https://doi.org/10.1016/j.ica.2020.119899	Yes
Ni(ii) complexes of a new tetradentate NN'N''O picolinoyl-1,2-phenylenediamide-phenolate redox active ligand at different redox levels	Narottam Mukhopadhyay, Arunava Sengupta, Aswin Kottapurath Vijay, Francesc Lloret, Rabindranath Mukherjee	Department Of Chemistry	Dalton Transactions	2022	1477-9226	https://pubs.rsc.org/en/journals/journalissues/dt#!recentarticles&adv	https://doi.org/10.1039/D2DT01043G	Yes
Structure–gelation property relationships of phenolic glycosides of pentose sugars: pH dependent controlled release of curcumin	Navendu P. Pathak, Arunava Sengupta, Somnath Yadav	Department Of Chemistry	Materials Advances	2022	2633-5409	https://www.sciencedirect.com/org/journal/materials-advances	https://doi.org/10.1039/d1ma00907a	Yes
Structure, magnetism and reactivity of a {MnIII(μ-O)2MnIV}3+ core towards oxidation of phenols	Akhilesh Kumar, Arunava Sengupta, Serhiy Demeshko, Rabindranath Mukherjee	Department Of Chemistry	Polyhedron	2019	1873-3719	https://www.sciencedirect.com/journal/polyhedron	https://doi.org/10.1016/j.poly.2019.06.032	Yes
Switchover from NiIIN2O2 to NiIIN2O2S2 coordination triggered by the redox behaviour of a non-innocent 2-aminophenolate ligand	Akram Ali, Arunava Sengupta, Francesc Lloret & Rabindranath Mukherjee	Department Of Chemistry	Journal of Chemical Sciences	2021	0973-7103	https://link.springer.com/journal/12039	https://doi.org/10.1007/s12039-021-01961-y	Yes

Deciphering the Role of Fluctuation Dependent Intercellular Communication in Neural Stem Cell Development	Amitava Giri, Dola Sengupta, Sandip Kar	Department Of Chemistry	ACS Chemical Neuroscience	2021	1948-7193	https://pubs.acs.org/journal/acncdm	https://doi.org/10.1021/acschemneuro.1c00116	Yes
Disordered Protein Stabilization by Co-Assembly of Short Peptides Enables Formation of Robust Membranes	Moumita Ghosh, Anna Majkowska, Rajkumar Mirsa, Santu Bera, José Carlos Rodríguez-Cabello, Alvaro Mata, and Lihi Adler-Abramovich	Department Of Chemistry	ACS Applied Materials & Interfaces	2021	1944-8244	https://pubs.acs.org/journal/aamick	https://doi.org/10.1021/acsami.1c22136	Yes
Immunomodulatory fibrous hyaluronic acid-Fmoc-diphenylalanine-based hydrogel induces bone regeneration	Michal Halperin-Sternfeld, Ariel Pokhojaev, Moumita Ghosh, Dana Rachmiel, Raha Kannan, Itzhak Grinberg, Moshe Asher, Moran Aviv, Peter X. Ma, Itzhak Binderman, Rachel Sarig, Lihi Adler-Abramovich	Department Of Chemistry	Journal of Clinical Periodontology	2021	0303-6979	https://onlinelibrary.wiley.com/journal/1600051x	https://doi.org/10.1111/jcpe.13725	Yes

Molecular Engineering of Rigid Hydrogels Co-assembled from Collagenous Helical Peptides Based on a Single Triplet Motif	Santu Bera, Pierre-Andre Cazade, Shayon Bhattacharya, Sarah Guerin, Moumita Ghosh, Francesca Netti, Damien Thompson, Lihi Adler-Abramovich	Department Of Chemistry	ACS Applied Materials & Interfaces	2022	1944-8244	https://pubs.acs.org/journal/aamick	https://doi.org/10.1021/acsami.2c09982	Yes
Post-Combustion Capture of Carbon Dioxide by Natural and Synthetic Organic Polymers	Sudip Kumar Ghosh, Moumita Ghosh	Department Of Chemistry	Polysaccharides	2023	2673-4176	https://www.mdpi.com/journal/polysaccharides	https://doi.org/10.3390/polysaccharides4020012	Yes
The Effects of a Short Self-Assembling Peptide on the Physical and Biological Properties of Biopolymer Hydrogels	Sumit Chowdhuri, Moumita Ghosh, Lihi Adler-Abramovich, Debapratim Das	Department Of Chemistry	Pharmaceutics	2021	1999-4923	https://www.mdpi.com/journal/pharmaceutics	https://doi.org/10.3390/pharmaceutics13101602	Yes
3D flower-like zirconium magnesium oxide nanocomposite for efficient fluoride removal	Supriya Mandal, Bholanath Panda, Debasish Mondal, Julekha Khatun, Prasanta Dhak, Debasis Dhak	Department Of Chemistry	Environmental Science and Pollution Research	2023	1614-7499	https://link.springer.com/journal/11356	https://doi.org/10.1007/s11356-023-30704-4	Yes
A critical review on geochemical and geological aspects of fluoride belts, fluorosis and natural materials and other sources for alternatives to fluoride exposure	Anirban Chowdhury, Mrinal K. Adak, Arnab Mukherjee, Prasanta Dhak, Julekha Khatun, Debasis Dhak	Department Of Chemistry	Journal of Hydrology	2019	1879-2707	https://www.sciencedirect.com/journal/journal-of-hydrology	https://doi.org/10.1016/j.jhydrol.2019.04.033	Yes

A simple chemical method for the synthesis of Cu ²⁺ engrafted MgAl ₂ O ₄ nanoparticles: Efficient fluoride adsorbents, photocatalyst and latent fingerprint detection	Arnab Mukherjee, Mrinal K. Adak, Prasanta Dhak, Debasis Dhak	Department Of Chemistry	Journal of Environmental Sciences	2020	1878-7320	https://www.sciencedirect.com/journal-of-environmental-sciences	https://doi.org/10.1016/j.jes.2019.09.004	Yes
Bioremediation of uranium from waste effluents using novel biosorbents: a review	Sangeeta Banerjee, Atreyee Kundu, Prasanta Dhak	Department Of Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2022	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-022-08304-2	Yes
Efficient Fluoride Removal and Dye Degradation of Contaminated Water Using Fe/Al/Ti Oxide Nanocomposite	Arnab Mukherjee, Mrinal K. Adak, Sudipta Upadhyay, Julekha Khatun, Prasanta Dhak, Sadhana Khawas, Uttam Kumar Ghorai, Debasis Dhak	Department Of Chemistry	ACS Omega	2019	2470-1343	https://pubs.acs.org/journal/acsodf	https://doi.org/10.1021/acsomega.9b00252	Yes
Innovations and challenges in green and sustainable water purification and waste water management	Debasis Dhak, Agostina Chiavola, Ajay Mishra, Prasanta Dhak	Department Of Chemistry	Frontiers in Chemistry	2023	2296-2646	https://www.frontiersin.org/	https://doi.org/10.3389/fchem.2023.1235757	Yes
Investigation of energy storage and electrical properties of modified BaTiO ₃ doped by BaBi ₂ Nb ₂ O ₉ nano crystalline ceramics	Mrinal K. Adak, Shubha J. Mahato, Usha Mahato, Usha R. Gorai, Suman Mondal, Suman Kar, Prasanta Dhak, Debasis Dhak	Department Of Chemistry	Physica B: Condensed Matter	2020	1873-2135	https://www.sciencedirect.com/journal/physica-b-condensed-matter	https://doi.org/10.1016/j.physb.2019.411885	Yes

Mesoporous, phase-pure Al ³⁺ engrafted spinel ZnAl _x B _{2-x} O ₄ (x = 0, 1; B = Cr ³⁺ /Fe ³⁺) for effective fluoride chemisorption and photodegradation of azo/non-azo dyes	Arnab Mukherjee, Bholanath Panda, Debasish Mondal, Debanjana Mukherjee, Payel Mukherjee, Sunjukta Sen, Debyani De, Prasanta Dhak, Debasis Dhak	Department Of Chemistry	Journal of Environmental Chemical Engineering	2023	2213-3437	https://www.sciencedirect.com/journal-of-environmental-chemical-engineering	https://doi.org/10.1016/j.jece.2022.109237	Yes
Solvothermal synthesis of 3D rod-shaped Ti/Al/Cr nano-oxide for photodegradation of wastewater micropollutants under sunlight: a green way to achieve SDG:6	Arnab Mukherjee, Prasanta Dhak, Debpriya Mandal, Debasis Dhak	Department Of Chemistry	Environmental Science and Pollution Research	2023	1614-7499	https://link.springer.com/journal/11356	https://doi.org/10.1007/s11356-023-30112-8	Yes
Synthesis of mesoporous Fe/Al/La trimetallic oxide for photodegradation of various water-soluble dyes: Kinetic, mechanistic, and pH studies	Arnab Mukherjee, Prasanta Dhak, Vishwadeepa Hazra, Niharika Goswami, Debasis Dhak	Department Of Chemistry	Environmental Research	2023	1096-0953	https://www.sciencedirect.com/journal/environmental-research	https://doi.org/10.1016/j.envres.2022.114862	Yes
The solvothermal synthesis of a 3D rod-like Fe–Al bimetallic metal–organic–framework for efficient fluoride adsorption and photodegradation of water-soluble carcinogenic dyes	Arnab Mukherjee, Prasanta Dhak, Debasis Dhak	Department Of Chemistry	Environmental Science Advances	2022	2754-7000	https://www.sciencedirect.com/org/journal/environmental-science-advances	https://doi.org/10.1039/d1va00019e	Yes

Dependence of thermoelectric power and electrical conductivity on structural order of PEDOT-Tos-graphene nanocomposite via charge carrier mobility	Shilpa Maity, Chiranjit Kuls, Shiladitya Banerjee, Sukhen Das, Krishanu Chatterjee	Department Of Chemistry	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab3e7c/meta	Yes
Post-Combustion Capture of Carbon Dioxide by Natural and Synthetic Organic Polymers	Sudip Kumar Ghosh, Moumita Ghosh	Department Of Chemistry	Polysaccharides	2023	2673-4176	https://www.mdpi.com/journal/polysaccharides	https://doi.org/10.3390/polysaccharides4020012	Yes
Finite element prediction of first-ply failure loads of composite thin skewed hyper shells using nonlinear strains	Dona Chatterjee, Arghya Ghosh, Dipankar Chakravorty	Department Of Civil Engineering	Thin-Walled Structures	2021	1879-3223	https://www.sciencedirect.com/journal/thin-walled-structures	https://doi.org/10.1016/j.tws.2021.108159	Yes
FEASIBILITY OF TALL TOWERS ON MOON FOR POWERING LUNARBASES BY SOLAR ENERGY	Heleena Sengupta, Arun Kumar Chakraborty	Department Of Civil Engineering	JAC: A Journal of Compositi on Theory	2022	0731-6755	https://jctjournal.com/	https://doi.org/22.18001.AJCT.2022.V15I08.22.2806	Yes
Optimization of time based fuzzy multi-objective reliability redundancy allocation problem for xj-out-of-m system using tuning and neighborhood based fuzzy MOPSO algorithm	Satyajit De, Payel Rakshit, Anil Bikash Chowdhury	Department Of Computer Application	Applied Soft Computing	2023	1872-9681	https://www.sciencedirect.com/journal/applied-soft-computing	https://doi.org/10.1016/j.asoc.2023.110998	Yes

Optimization of time-dependent fuzzy multi-objective reliability redundancy allocation problem for n-stage series-parallel system	Satyajit De, Pratik Roy, Siddhartha Roy & Anil Bikash Chowdhury	Department Of Computer Application	Innovations in Systems and Software Engineering	2023	1614-5046	https://link.springer.com/journal/11334	https://doi.org/10.1007/s11334-023-00539-w	Yes
A truthful mechanism for crowdsourcing-based tourist spot detection in smart cities	Anil Bikash Chowdhury, Vikash Kumar Singh, Sajal Mukhopadhyay, Abhishek Kumar, Meghana M. Dhananjaya	Department Of Computer Application	International Journal of Grid and Utility Computing	2022	1741-8488	https://www.inderscience.com/jhome.php?jcode=ijguc	https://dx.doi.org/10.1504/IJGUC.2022.125136	Yes
Real time facial expression and gender recognition with feature integrated CNN	Tanusree Podder, Diptendu Bhattacharya, Abhishek Maumdar	Department Of Computer Science And Engineering	The Imaging Science Journal	2023	1743-131X	https://www.tandfonline.com/journals/yims20	https://doi.org/10.1080/13682199.2022.2157956	Yes
Time efficient real time facial expression recognition with CNN and transfer learning	Tanusree Podder, Diptendu Bhattacharya, Abhishek Maumdar	Department Of Computer Science And Engineering	Sādhanā	2022	0973-7677	https://link.springer.com/journal/12046	https://doi.org/10.1007/s12046-022-01943-x	Yes
Bio-molecular event extraction by integrating multiple event-extraction systems	Amit Majumder, Asif Ekbal & Sudip Kumar Naskar	Department Of Computer Science And Engineering		2019	0256-2499	https://link.springer.com/journal/12046	https://doi.org/10.1007/s12046-018-0998-4	Yes
Whole genome analysis of more than 10 000 SARS-CoV-2 virus unveils global genetic diversity and target region of NSP6	Indrajit Saha, Nimisha Ghosh, Ayan Pradhan, Nikhil Sharma, Debasree Maity, Kaushik Mitra	Department Of Computer Science And Engineering	Briefings in Bioinformatics	2021	1477-4054	https://academic.oup.com/bib/bib	https://doi.org/10.1093/bib/bbab025	Yes

Automatic rectification of warped Bangla document images	Arpan Garai, Samit Biswas, Sekhar Mandal, Bidyut B. Chaudhuri	Department Of Computer Science And Engineering	IET Image Processing	2020	1751-9659	https://ietresearch.onlinelibrary.wiley.com/	https://doi.org/10.1049/iet-ipr.2019.0831	Yes
Intra-Variable Handwriting Inspection Reinforced with Idiosyncrasy Analysis	Chandranath Adak, Bidyut B. Chaudhuri, Chin-Teng Lin, Michael Blumenstein	Department Of Computer Science And Engineering	IEEE Transactions on Information Forensics and Security	2020	1556-6013	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=10206	https://doi.org/10.1109/TIFS.2020.2991833	Yes
Activation functions in deep learning: A comprehensive survey and benchmark	Shiv Ram Dubey, Satish Kumar Singh, Bidyut Baran Chaudhuri	Department Of Computer Science And Engineering	Neurocomputing	2022	1872-8286	https://www.sciencedirect.com/journal/neurocomputing	https://doi.org/10.1016/j.neucom.2022.06.111	Yes
Bounded PCA based Multi Sensor Image Fusion Employing Curvelet Transform Coefficients	D. Chaudhuri, A. K. Singh, Sushmita Mitra, M. P. Singh, B. B. Chaudhuri	Department Of Computer Science And Engineering	Defence Science Journal	2023	0011-748X	https://publications.drdo.gov.in/ojs/index.php/dsj/index	https://doi.org/10.14429/dsj.73.18949	Yes
A Modified LSTM Model for Continuous Sign Language Recognition Using Leap Motion	Anshul Mittal, Pradeep Kumar, Partha Pratim Roy, Raman Balasubramanian, Bidyut Baran Chaudhuri	Department Of Computer Science And Engineering	IEEE Sensors Journal	2019	1558-1748	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7361	https://doi.org/10.1109/JSEN.2019.2909837	Yes
AdaInject: Injection-Based Adaptive Gradient Descent Optimizers for Convolutional Neural Networks	Shiv Ram Dubey, S. H. Shabbeer Basha, Satish Kumar Singh, Bidyut Baran Chaudhuri	Department Of Computer Science And Engineering	IEEE Transactions on Artificial Intelligence	2022	2691-4581	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=9078688	https://doi.org/10.1109/TAI.2022.3208223	Yes

diffGrad: An Optimization Method for Convolutional Neural Networks	Shiv Ram Dubey, Soumendu Chakraborty, Swalpa Kumar Roy, Snehasis Mukherjee, Satish Kumar Singh, Bidyut Baran Chaudhuri	Department Of Computer Science And Engineering	IEEE Transactions on Neural Networks and Learning Systems	2019	2162-2388	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=5962385	https://doi.org/10.1109/TNNLS.2019.2955777	Yes
Trajectory-Based Scene Understanding Using Dirichlet Process Mixture Model	Kelathodi Kumaran Santhosh, Debi Prosad Dogra, Partha Pratim Roy, Bidyut Baran Chaudhuri	Department Of Computer Science And Engineering	IEEE Transactions on Cybernetics	2019	2168-2275	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=6221036	https://doi.org/10.1109/TCYB.2019.2931139	Yes
Lightweight Spectral-Spatial Squeeze-and-Excitation Residual Bag-of-Features Learning for Hyperspectral Classification	Swalpa Kumar Roy; Subhrasankar Chatterjee; Siddhartha Bhattacharyya, Bidyut B. Chaudhuri, Jan Platoš	Department Of Computer Science And Engineering	IEEE Transactions on Geoscience and Remote Sensing	2020	0196-2892	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=36	https://doi.org/10.1109/TGRS.2019.2961681	Yes
Dewarping of document images: A semi-CNN based approach	Arpan Garai, Samit Biswas, Sekhar Mandal & Bidyut. B. Chaudhuri	Department Of Computer Science And Engineering	Multimedia Tools and Applications	2021	1380-7501	https://link.springer.com/journal/11042	https://doi.org/10.1007/s11042-021-10507-w	Yes
A Simple Data Preprocessing and Postprocessing Techniques for SVM Classifier of Remote Sensing Multispectral Image Classification	Manish Pratap Singh, V. Gayathri, Debasis Chaudhuri	Department Of Computer Science And Engineering	IEEE Journal of Selected Topics in Applied Earth Observations and Remote	2022	2151-1535	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=4609443	https://doi.org/10.1109/JSTARS.2022.3201273	Yes

Bounded PCA based Multi Sensor Image Fusion Employing Curvelet Transform Coefficients	D. Chaudhuri, A. K. Singh, Sushmita Mitra, M. P. Singh, B. B. Chaudhuri	Department Of Computer Science And Engineering	Defence Science Journal	2023	0011-748X	https://publications.drdo.gov.in/ojs/index.php/dsj/index	https://doi.org/10.14429/dsj.73.18949	Yes
A faster SVM classification technique for remote sensing images using reduced training samples	Kuntal Chowdhury, Debasis Chaudhuri, Arup Kumar Pal	Department Of Computer Science And Engineering	Journal of Ambient Intelligence and Humanized Computing	2023	1868-5137	https://link.springer.com/journal/12652	https://doi.org/10.1007/s12652-023-04689-4	Yes
Generation of Highlights From Research Papers Using Pointer-Generator Networks and SciBERT Embeddings	Tohida Rehman, Debarshi Kumar Sanyal, Samiran Chattopadhyay, Plaban Kumar Bhowmick, Partha Pratim Das	Department Of Computer Science And Engineering	IEEE Access	2023	2169-3536	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=6287639	https://doi.org/10.1109/ACCESS.2023.3292300	Yes
Segmentation of Breast-Region in Breast Thermogram Using Arc-Approximation and Triangular-Space Search	Sourav Pramanik; Supratim Ghosh; Debotosh Bhattacharjee; Mita Nasiruri	Department Of Computer Science And Engineering	IEEE Transactions on Instrumentation and Measurement	2019	0018-9456	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=19	https://doi.org/10.1109/TIM.2019.2956362	Yes
Development of a hyper-avulsive river course during the Holocene on the Himalayan frontal plains	Ujwal Deep Saha, Soma Bhattacharya, H.N. Bhattacharya, Aznarul Islam, Manoj Jaiswal, Belligraham Narzary, Sanjana Dutt	Department Of Earth Science	CATENA	2023	1872-6887	https://www.sciencedirect.com/journal/catena	https://doi.org/10.1016/j.catena.2023.107279	Yes

First Report of Toba Ash Bed from the Himalayan Foot-Hill Alluvial Fan Deposit, Neora River Section, Jalpaiguri District, West Bengal and its Implication	H. N. Bhattacharya, Rajasree Naskar & Arpita Chatterjee	Department Of Earth Science	Journal of the Geological Society of India	2023	0974-6889	https://link.springer.com/journal/12594/volumes-and-issues	https://doi.org/10.1007/s12594-023-2373-2	Yes
Soft-sediment deformation structures in a Permo-carboniferous glacio-marine setting, Talchir Formation, Dudhi Nala, India	H N Bhattacharya, Amrita Mukherjee	Department Of Earth Science	Journal of Earth System Science	2020	0973-774X	https://link.springer.com/journal/12040	https://doi.org/10.1007/s12040-020-1357-5	Yes
A reappraisal of the Jharol Formation in the context of stratigraphy of Aravalli Supergroup, Rajasthan, India	H N Bhattacharya, Amrita Mukherjee	Department Of Earth Science	Journal of Earth System Science	2020	0973-774X	https://link.springer.com/journal/12040	https://doi.org/10.1007/s12040-020-01415-y	Yes
Mixed siliciclastic-carbonate debrite-turbidite deposits in Paleoproterozoic Aravalli Supergroup, Zawar, Rajasthan, India: Implications on the Aravalli Basin evolution	Amrita Mukherjee, H N Bhattacharya	Department Of Earth Science	Journal of Earth System Science	2021	0973-774X	https://link.springer.com/journal/12040	https://doi.org/10.1007/s12040-021-01681-4	Yes
A reappraisal of the Debari Formation – in the context of stratigraphy and basin evolution of the Paleoproterozoic Aravalli Supergroup, Rajasthan, India	Amrita Mukherjee, H N Bhattacharya	Department Of Earth Science	Journal of Earth System Science	2022	0973-774X	https://link.springer.com/journal/12040	https://doi.org/10.1007/s12040-022-01943-9	Yes

Neotectonic and climatic control on channel evolution in the Himalayan foothill, northern West Bengal, India – A case study	Rajasree Naskar, H N Bhattacharya	Department Of Earth Science	Journal of Earth System Science	2022	0973-774X	https://link.springer.com/journal/12040	https://doi.org/10.1007/s12040-022-02015-8	Yes
Channel characteristics in a growing tidal flat, Talsari, Odisha, India	Sampat Naskar, H N Bhattacharya, Biplab Bhattacharya	Department Of Earth Science	Journal of Earth System Science	2023	0973-774X	https://link.springer.com/journal/12040	https://doi.org/10.1007/s12040-023-02182-2	Yes
Marinoan glaciation in the Indian subcontinent - Anatomy and global implications	H N Bhattacharya	Department Of Earth Science	Journal of Palaeogeography	2023	2095-3836	https://www.sciencedirect.com/journal/journal-of-palaeogeography	https://doi.org/10.1016/j.jop.2024.01.004	Yes
The Relationship Between the Credit Flow and Economic Growth: An Empirical Study in Indian Context.	SUPRIYA DUTTA	Department Of Economics	Finance India	2021	0970-3772	https://www.financeindia.org/	https://financeindia.org/data/2021/FI352/FI-352-Art04.pdf	Yes
A comprehensive literature review report on basic issues of power system restoration planning	Maitrayee Chakrabarty, Dipu Sarkar, Raju Basak	Department Of Electrical Engineering	Journal of The Institution of Engineers (India): Series B	2020	2250-2106	https://link.springer.com/journal/40031	https://doi.org/10.1007/s40031-020-00449-6	Yes
A novel oppositional learning-based chaotic sine cosine algorithm for the dynamic thermal-wind economic dispatch problem	Koustav Dasgupta, Provas Kumar Roy, V. Mukherjee	Department Of Electrical Engineering	Engineering Optimization	2021	0305-215X	https://www.tandfonline.com/journals/geno20	https://doi.org/10.1080/0305215X.2021.1974852	Yes

A Novel Quasi- Oppositional Learning-Based Chaos-Assisted Sine Cosine Algorithm for Hybrid Energy Integrated Dynamic Economic Emission Dispatch	Koustav Dasgupta, Provas Kumar Roy, Vivekananda Mukherjee	Department Of Electrical Engineering	IETE Journal of Research	2023	0377- 2063	https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2023.2175050	Yes
Accelerating Moisture Content Sensing of Oil- Impregnated Paper Insulation Using Frequency Modulated Square Wave Excitations	Soumya Chatterjee, Sovan Dalai, Sivaji Chakravorti, Biswendu Chatterjee	Department Of Electrical Engineering	IEEE Sensors Letters	2019	2475- 1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7782634	https://doi.org/10.1109/LSENS.2019.2924044	Yes
An Interactive Partitioning Algorithm-Based Electrical Power Crisis Management for Service Restoration with Existing Black- Start Resources Considering Load Priority	Maitrayee Chakrabarty, Dipu Sarkar, Raju Basak	Department Of Electrical Engineering	Journal of The Institution of Engineers (India): Series B	2020	2250- 2106	https://link.springer.com/article/10.1007/s40031-020-00519-9#citeas	https://doi.org/10.1007/s40031-020-00519-9	Yes
An Offline Strategic Planning for Service Restoration Using Multi-Constraints Priority-Based Dijkstra's Algorithm	Dipu Sarka, Maitrayee Chakrabarty, Ritwik Ghosh, Raju Basak	Department Of Electrical Engineering	Journal of The Institution of Engineers (India): Series B	2020	2250- 2106	https://link.springer.com/journal/40031	https://doi.org/10.1007/s40031-020-00469-2	Yes
Application of chaos assisted sine cosine algorithm on wind-solar integrated hydrothermal scheduling problem	Koustav Dasgupta, Provas Kumar Roy, V. Mukherjee	Department Of Electrical Engineering	Optimal Control Applicatio ns and Methods	2023	0143- 2087	https://onlinelibrary.wiley.com/journal/10991514	https://doi.org/10.1002/oca.2981	Yes

Augmenting Neuromuscular Disease Detection Using Optimally Parameterized Weighted Visibility Graph	Rohit Bose, Kaniska Samanta, Sudip Modak, Soumya Chatterjee	Department Of Electrical Engineering	IEEE Journal of Biomedical and Health Informatics	2020	2168-2208	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu number=6221020	https://doi.org/10.1109/JBHI.2020.3001877	Yes
Autocorrelation Aided Random Forest Classifier-Based Bearing Fault Detection Framework	Sayanjit Singha Roy, Sayantan Dey, Soumya Chatterjee	Department Of Electrical Engineering	IEEE Sensors Journal	2020	1558-1748	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu number=7361	https://doi.org/10.1109/JSEN.2020.2995109	Yes
Complex Network Aided Partial Discharge Signal Recognition Framework Employing Visibility Graph	Sayanjit Singha Roy, Soumya Chatterjee	Department Of Electrical Engineering	IEEE Sensors Letters	2020	2475-1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu number=7782634	https://doi.org/10.1109/LSENS.2020.3014251	Yes
COST-EFFECTIVE DESIGN OF THREE PHASE INDUCTION MOTOR: AN OPTIMIZATION APPROACH	Raju Basak, Asoke Kumar Paul	Department Of Electrical Engineering	Revue Roumaine des Sciences Technique	2022	0035-4066	https://journal.iem.pub.ro/rrst-ee/index	https://journal.iem.pub.ro/rrst-ee/article/view/237	Yes
COST-EFFECTIVE DESIGN OF THREE PHASE INDUCTION MOTOR: AN OPTIMIZATION APPROACH	Raju Basak, Asoke Kumar Paul	Department Of Electrical Engineering	Revue Roumaine des Sciences Technique	2022	0035-4066	https://journal.iem.pub.ro/rrst-ee/index	https://journal.iem.pub.ro/rrst-ee/article/view/237	Yes
Cross Spectrum Aided Deep Feature Extraction Based Neuromuscular Disease Detection Framework	Sayanjit Singha Roy, Kaniska Samanta, Sudip Modak, Soumya Chatterjee, Rohit Bose	Department Of Electrical Engineering	IEEE Sensors Letters	2020	2475-1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu number=7782634	https://doi.org/10.1109/LSENS.2020.2992452	Yes

Cross-Subject Motor Imagery Tasks EEG Signal Classification Employing Multiplex Weighted Visibility Graph and Deep Feature Extraction	Kaniska Samanta, Soumya Chatterjee, Rohit Bose	Department Of Electrical Engineering	IEEE Sensors Letters	2019	2475-1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7782634	https://doi.org/10.1109/LENS.2019.2960279	Yes
Detection of Myopathy and ALS Electromyograms Employing Modified Window Stockwell Transform	Soumya Chatterjee, Kaniska Samanta, Niladri Ray Choudhury, Rohit Bose	Department Of Electrical Engineering	IEEE Sensors Letters	2019	2475-1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7782634	https://doi.org/10.1109/LENS.2019.2921072	Yes
Energy efficient design of three phase induction motor by water cycle algorithm	Pritish Kumar Ghosh, Pradip Kumar Sadhu, Raju Basak, Amarnath Sanyal	Department Of Electrical Engineering	Ain Shams Engineering Journal	2020	2090-4495	https://www.sciencedirect.com/journal/ain-shams-engineering-journal	https://doi.org/10.1016/j.asej.2020.01.017	Yes
Estimation of Conductivity at Reduced Time for Sensing Moisture Content of Oil-Paper Insulation	Soumya Chatterjee, Nasirul Haque, Arpan Kumar Pradhan, Sovan Dalai, Biswendu Chatterjee	Department Of Electrical Engineering	IEEE Sensors Journal	2020	1558-1749	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7361	https://doi.org/10.1109/JSEN.2020.3003134	Yes
Feature extraction from multifractal spectrum of electromyograms for diagnosis of neuromuscular disorders	Soumya Chatterjee, Sayanjit Singha Roy, Rohit Bose, Sawon Pratiher	Department Of Electrical Engineering	IET Science, Measurement and Technology	2020	1751-8822	https://digital-library.theiet.org/journal/iet-live-01	https://doi.org/10.1049/iet-smt.2019.0132	Yes
Focal Epileptic Area Recognition Employing Cross EEG Rhythm Spectrum Images and Convolutional Neural Network	Sudip Modak, Sayanjit Singha Roy, Rohit Bose, Soumya Chatterjee	Department Of Electrical Engineering	IEEE Sensors Journal	2021	1558-1750	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7361	https://doi.org/10.1109/JSEN.2021.3111102	Yes

Generation of 100-year-return value maps of maximum significant wave heights with automated threshold value estimation	Soumyakanti Roy, Mourani Sinha, Tapan Pradhan	Department Of Electrical Engineering	Spatial Information Research	2020	2366-3286	https://link.springer.com/journal/41324	https://doi.org/10.1007/s41324-019-00293-x	Yes
Optimization of Performance Variables and Cost of Single-Phase Squirrel-Cage Type Induction Motors	Pritish Kumar Ghosh, Pradip Kumar Sadhu, Raju Basak, Amarnath Sanval	Department Of Electrical Engineering	Journal of The Institution of Engineers (India): Series B	2021	2250-2106	https://link.springer.com/journal/40031	https://doi.org/10.1007/s40031-021-00648-9	Yes
Partial Discharge Detection Framework Employing Spectral Analysis of Horizontal Visibility Graph	Sayanjit Singha Roy, Soumya Chatterjee	Department Of Electrical Engineering	IEEE Sensors Journal	2020	1558-1751	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7361	https://doi.org/10.1109/JSEN.2020.3028849	Yes
Power flow based hydro-thermal-wind scheduling of hybrid power system using sine cosine algorithm	Koustav Dasgupta, Provas Kumar Roy, Vivekananda Mukherjee	Department Of Electrical Engineering	Electric Power Systems Research	2020	1873-2046	https://www.sciencedirect.com/journal/electric-power-systems-research	https://doi.org/10.1016/j.epsr.2019.106018	Yes
Sensing the Thermal Aging of Epoxy Alumina Nano-Composites Using Electric Modulus	Subhajit Maur, Soumya Chatterjee, Nasirul Haque, Preetha P., Sovan Dalai, Biswendu Chatterjee	Department Of Electrical Engineering	IEEE Sensors Journal	2021	1558-1752	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7361	https://doi.org/10.1109/JSEN.2021.3065447	Yes
Sensing Wettability Condition of Insulation Surface Employing Convolutional Neural Network	Soumya Chatterjee, Sayanjit Singha Roy, Kaniska Samanta, Sudip Modak	Department Of Electrical Engineering	IEEE Sensors Letters	2020	2475-1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7782634	https://doi.org/10.1109/LSENS.2020.3002991	Yes

Short Term Hydro-Thermal Scheduling Using Backtracking Search Algorithm	Koustav Dasgupta, Provas Kumar Roy	Department Of Electrical Engineering	International Journal of Applied Metaheuristic Computing	2020	1947-8283	https://www.igi-global.com/gateway/journal/1139	https://doi.org/10.4018/IJAMC.2020100103	Yes
Solution of short term integrated hydrothermal-solar-wind scheduling using sine cosine algorithm	Koustav Dasgupta, Provas Kumar Roy, Vivekananda Mukherjee	Department Of Electrical Engineering	Energy Strategy Reviews	2022	2211-4688	https://www.sciencedirect.com/journal/energy-strategy-reviews	https://doi.org/10.1016/j.esr.2022.100824	Yes
Characteristic Mode Analysis of Mutual Coupling	Sandip Ghosal, Rakesh Sinha, Arijit De, Ajay Chakrabarty	Department Of Electronics And Communication Engineering	IEEE Transactions on Antennas and Propagation	2019	1558-2221	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=8	https://doi.org/10.1109/TAP.2021.3119117	Yes
Design and Analysis of Broadband Ultrathin Reflective Linear-to-Circular Polarization Converter Using Polygon-Based Anisotropic-Impedance Surface	Debidas Kundu, Jaydeep Singh, Dharmendra Singh, Ajay Chakrabarty	Department Of Electronics And Communication Engineering	IEEE Transactions on Antennas and Propagation	2021	1558-2221	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=8	https://doi.org/10.1109/TAP.2021.3060130	Yes
A comparative study of ELF and VLF noise characteristics of northwestern at a low latitude tropical station	Hirak Sarkar, Abhijit Banerjee, Shankar Prasad Mitra, Paramita Sen, Asit Baran Bhattacharya, Goutam Sengupta	Department Of Electronics And Communication Engineering	SN Applied Sciences	2019	3004-9261	https://link.springer.com/journal/42452	https://doi.org/10.1007/s42452-018-0158-9	Yes
Implementation of the system II transit point data for investigating the reduction of the rotational speed of the planet Jupiter	Shankar Prasad Mitra, Hirak Sarkar, Paramita Sen, A. B. Bhattacharya	Department Of Electronics And Communication Engineering	SN Applied Sciences	2019	2523-3971	https://link.springer.com/journal/42452	https://doi.org/10.1007/s42452-018-0105-9	Yes

A comparative analysis of ZnCdTe and ZnCdTeO semiconductor alloys as competent materials for optoelectronic applications	Supantha Mandal, Partha P. Pal, Buddhadev Pradhan	Department Of Electronics And Communication Engineering	International Journal of Modern Physics B	2023	0217-9792	https://www.worldscientific.com/worldscinet/ijmpb	https://doi.org/10.1142/S0217979223502429	Yes
CNTFET-based design of ternary logic gates with interchangeable standard positive and negative ternary output	Anisha Paul, Buddhadev Pradhan	Department Of Electronics And Communication Engineering	Engineering Research Express	2021	2631-8695	https://iopscience.iop.org/journal/2631-8695	https://doi.org/10.1088/2631-8695/ac0fc6	Yes
Design of CNTFET-Based Ternary and Quaternary Magnitude Comparator	Anisha Paul, Buddhadev Pradhan	Department Of Electronics And Communication Engineering	Circuits, Systems, and Signal Processing	2023	1531-5878	https://link.springer.com/journal/34	https://doi.org/10.1007/s00034-023-02380-9	Yes
Investigation of electronic and optical properties of PbxSn1-xO2 for optoelectronic applications: A TB-mBJ DFT approach	Supantha Mandal, Utsa Das, Dipali Nayak, Sayantan Bakshi, Buddhadev Pradhan	Department Of Electronics And Communication Engineering	Computational Condensed Matter	2022	2352-2143	https://www.sciencedirect.com/journal/computational-condensed-matter	https://doi.org/10.1016/j.cocom.2022.e00691	Yes
Novel design of power-efficient quaternary logic gates using CNTFET	Anisha Paul, Buddhadev Pradhan	Department Of Electronics And Communication Engineering	International Journal of Electronics	2023	0020-7217	https://www.tandfonline.com/journals/tetn20	https://doi.org/10.1080/00207217.2023.2210300	Yes
Series connected CSRR tunable band reject filter using MEMS bridges on silicon substrate for C-band application	Buddhadev Pradhan, Bhaskar Gupta	Department Of Electronics And Communication Engineering	Analog Integrated Circuits and Signal Processing	2021	1573-1979	https://link.springer.com/journal/10470	https://doi.org/10.1007/s10470-021-01883-2	Yes
Impact of Parametric Variation on the Characteristics and Performance of CNTFET Inverter	Anisha Paul, Buddhadev Pradhan	Department Of Electronics And Communication Engineering	IETE Journal of Research	2023	0377-2063	https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2023.2277870	Yes

Competitive Impedance Spectroscopy in a Schottky-Contacted ZnO Nanorod Structure for Ultrasensitive and Specific Biosensing in a Physiological Analyte	Bhaswati Chakraborty, Naresh Mandal, Naren Das, Nirmalya Samanta, Chirasree Roy Chaudhuri*	Department Of Electronics And Communication Engineering	ACS Sensors	2022	2379-3694	https://pubs.acs.org/journal/ascefj	https://doi.org/10.1021/acssensors.1c02135	Yes
Label free, electric field mediated ultrasensitive electrochemical point-of-care device for CEA detection	B. Chakraborty, A. Das, N. Mandal, N. Samanta, N. Das & C. Roy Chaudhuri	Department Of Electronics And Communication Engineering	Scientific Reports	2021	2045-2322	https://www.nature.com/scientificreports/	https://doi.org/10.1038/s41598-021-82580-y	Yes
“Mirror, Mirror on the Wall”: Elizabeth Barrett Browning Version 2.0	Shantanu Majee	Department Of English	Journal of Victorian Culture	2022	1355-5502	https://academic.oup.com/jvc	https://doi.org/10.1093/jvcult/vcac041	Yes
Kapoor on Murphy (2018)	Sucheta Kapoor	Department Of English	Nineteenth-Century French Studies	2019	0146-7891	https://www.ncfs-journal.org/	https://www.ncfs-journal.org/sucheta-kapoor/kapoor-murphy-2018	Yes
Kapoor on Le Calvez (2019)	Sucheta Kapoor	Department Of English	Nineteenth-Century French Studies	2020	0146-7891	https://www.ncfs-journal.org/	https://www.ncfs-journal.org/sucheta-kapoor/kapoor-le-calvez-2019	Yes
Kapoor on Nelson (2020)	Sucheta Kapoor	Department Of English	Nineteenth-Century French Studies	2021	0146-7891	https://www.ncfs-journal.org/	https://www.ncfs-journal.org/sucheta-kapoor/kapoor-nelson-2020	Yes
A comparative study of ELF and VLF noise characteristics of nor'wester at a low latitude tropical station	Hirak Sarkar, Abhijit Banerjee, Shankar Prasad Mitra, Paramita Sen, Asit Baran Bhattacharya, Goutam Sengupta	Department Of Management	SN Applied Sciences	2019	3004-9261	https://link.springer.com/journal/42452	https://doi.org/10.1007/s42452-018-0158-9	Yes

Analysis Of The Role Of Merger And Acquisition For The Business Growth For Banks In India.	Saptarshi Das, Kisor Ray, Gautam Sengupta, Abhijit Mitra	Department Of Management	AEGAEU M	2020	0776-3808	https://aegaeum.com/	http://aegaeum.com/gallery/agm.j-3568.117-f.pdf	Yes
CARBON STORAGE POTENTIAL OF DOMINANT MANGROVES IN WESTERN INDIAN SUNDARBANS	Poulomi Mullick, Goutam Sengupta, Sujoy Biswas, Nabonita Pal, Prosenjit Pramanick, Sana Ahmed, Sufia Zaman, Abhijit Mitra	Department Of Management	Journal of Mechanics of Continua and Mathematical Sciences	2023	0973-8975	https://www.journalimcms.org/	https://www.journalimcms.org/journal/carbon-storage-potential-of-dominant-mangroves-in-western-indian-sundarbans/	Yes
Challenges of implementing Industry 4.0 for emerging supply chains in developing countries in pursuit of reaching the level of excellence through the principles of Total Quality Management	Paramita Sen, Goutam Sengupta	Department Of Management	AEGAEU M	2020	0776-3808	https://aegaeum.com/	http://aegaeum.com/gallery/agm.j-2856.174-f.pdf	Yes
Clustering of Construct embracing a few choice perceptions in emerging higher education scenario in west Bengal '-An Exploratory Factor Analysis Approach	Masuma Mehta, Joydeb Bhattacharyya	Department Of Management	PAIDEUM A JOURNAL OF RESEARCH	2022	0090-5674	http://www.paideumajournal.com	https://doi.org/10.37896/PJ15.05/01405	Yes
Corporate board structure and foreign equity investments in weak institutional regimes	Sujata Banerjee, Raffaele Oriani, Enzo Peruffo	Department Of Management	Corporate Governance: An International Review	2019	0964-8410	https://online.library.wiley.com/journal/14678683	https://doi.org/10.1111/corg.12298	Yes

Dominant-owner CEOs, board of directors and firm performance in emerging economies: Exploring the moderating impact of quad-qualified directors	Sujata Banerjee, Alessandro Zattoni, Abrarali Saiyed	Department Of Management	Asia Pacific Journal of Management	2023	0217-4561	https://link.springer.com/journal/10490	https://doi.org/10.1007/s10490-022-09832-x	Yes
Financial inclusion as a catalyst to poverty reduction -Scheme based case study	Masuma Mehta, Manta Dey	Department Of Management	ANVESA K	2022	0378-4568	https://www.spiesr.ac.in/Anvesak/About+the+Journal	NA	Yes
Optimized Method For The Implementation Of Lean Construction	Soumyendu Ganguly, Kisor Ray, Gautam Sengupta	Department Of Management	AEGAEU M	2020	0776-3808	https://aegaeum.com/	http://aegaeum.com/gallery/agm.j-3363.130-ff.pdf	Yes
Relative Comparison on Formative VS Summative Assessment on Cognitive Learning in the sphere of Higher Education -A relook	Masuma Mehta, Joydeb Bhattacharyya	Department Of Management	International Journal of Early Childhood Special Education	2022	1308-5581	https://www.int-jecse.net/	https://doi.org/10.48047/INTJECS/E/V14I4.398	Yes
Water Insufficiency, Health Hazards and Rainwater Harvesting in North 24 Parganas, West Bengal, India: Results of a Socio-economic Survey	Satabdi Biswas, Anupam Debsarkar, and Manoranjan Pal	Department Of Management	Arthaniti: Journal of Economic Theory and Practice	2022	0976-7479	https://journals.sagepub.com/home/ATH	https://doi.org/10.1177/0976747920963399	Yes
Pricing and bundling strategies for complementary products in a closed-loop green supply chain under manufacturers' different behaviors	Chirantan Mondal, Bibhas Chandra Giri	Department Of Mathematics	Expert Systems with Applications	2023	0957-4174	https://www.sciencedirect.com/journal/expert-systems-with-applications/about/insights	https://doi.org/10.1016/j.eswa.2023.121960	Yes

Generation of 100-year-return value maps of maximum significant wave heights with automated threshold value estimation	Soumyakanti Roy, Mourani Sinha, Tapan Pradhan	Department Of Mathematics	Spatial Information Research	2020	2366-3286	https://link.springer.com/journal/41324	https://doi.org/10.1007/s41324-019-00293-x	Yes
Indian Ocean wind speed variability and global teleconnection patterns	Mourani Sinha, Somnath Jha, Paromita Chakraborty	Department Of Mathematics	Oceanologia	2020	2300-7370	https://www.sciencedirect.com/journal/oceanologia	https://doi.org/10.1016/j.ocean.2019.10.002	Yes
A Comparison of Wave Spectra during Pre-Monsoon and Post-Monsoon Tropical Cyclones under an Intense Positive IOD Year 2019	Mourani Sinha, S. Jha, Anupam Kumar	Department Of Mathematics	Climate	2022	2225-1154	https://www.mdpi.com/journal/climate	https://doi.org/10.3390/cli11020044	Yes
Application of numerical modeling to evaluate the role of mangroves in wave attenuation: A first order analysis in the domain of disaster management	Mourani Sinha, Sitangshu Roy, Mrinmoyee Bhattacharya, Susmita Biswas, Sufia Zaman, Abhijit Mitra	Department Of Mathematics	Our Heritage	2020	0474-9030	https://archives.ourheritagejournal.com/	https://www.academia.edu/43611195/Application_of_numerical_modeling_to_evaluate_the_role_of_mangroves_in_wave_attenuation_A_first_order_analysis_in_the_domain_of_disaster_management	Yes
Genetic algorithm and deep learning models compared for swell wave height prediction	Mourani Sinha, Susmita Biswas, Swadhin Banerjee	Department Of Mathematics	Dynamics of Atmospheres and Oceans	2023	0377-0265	https://www.sciencedirect.com/journal/dynamics-of-atmospheres-and-oceans/about/insights	https://doi.org/10.1016/j.dynatm.2023.101365	Yes
New Normal in ITCZ and Its Role in Altering Agroclimatic Suitability for Rice Production	S. Jha, Mourani Sinha, Anupam Kumar	Department Of Mathematics	Climate	2023	2225-1154	https://www.mdpi.com/journal/climate	https://doi.org/10.3390/cli11030052	Yes

Performances of deep learning models for Indian Ocean wind speed prediction	Susmita Biswas, Mourani Sinha	Department Of Mathematics	Modeling Earth Systems and Environment	2020	2363-6203	https://link.springer.com/journal/40808	https://doi.org/10.1007/s40808-020-00974-9	Yes
Probabilistic Models and Deep Learning Models Assessed to Estimate Design and Operational Ocean Wave Statistics to Reduce Coastal Hazards	Mourani Sinha, Mrinmoyee Bhattacharya, M. Seemanth, Suchandra Bhowmick	Department Of Mathematics	Geosciences	2023	2076-3263	https://www.mdpi.com/journal/geosciences	https://doi.org/10.3390/geosciences13120380	Yes
SAtellite-based Marine Process Understanding, Development, Research and Applications for Blue Economy (SAMUDRA): A Technology Demonstration Program in the Bay of Bengal	Rashmi Sharma, Neeraj Agarwal, Ratheesh R, Surisetty VVARun Kumar, A. D. Rao, KVSR Prasad, Jaya Kumar Seelam, R. Mani Murali, V. Suneel, Surendra Singh K, R. K. Sarangi, Soba J. Kizhakudan, A. Saravana Kumar, R.N.Samal, Ansuman Das, Aditya Chaudhary, Seemanth M, Jishad M, Anup K. Mandal, Shivani Shah,	Department Of Mathematics	Journal of the Indian Society of Remote Sensing	2022	0255-660X	https://link.springer.com/journal/12524	https://doi.org/10.1007/s12524-022-01571-2	Yes
Teleconnection Between ENSO and Wind-Wave Climate Under the Influence of Monsoon in the Bay of Bengal Region	Mourani Sinha, Amitava Jana	Department Of Mathematics	Current World Environment	2020	0973-4929	http://www.cwejournal.org/	http://dx.doi.org/10.12944/CWE.15.3.10	Yes

A Supply Chain model for deteriorating items Under Inflation with Preservation Technology and Shortages	Ayan Chakraborty, Nirmal Kumar Duari, Tripti Chakrabarti	Department Of Mathematics	GRADIVA	2022	0363-8057	https://gradivareview.com/	https://doi.org/10.37897.GRJ.2021.V8I7.22.50119	Yes
A new approach to deal with learning in inspection in an integrated vendor-buyer model with imperfect production process	O. Dey, B.C. Giri	Department Of Mathematics	Computers & Industrial Engineering	2019	1879-0550	https://www.sciencedirect.com/journal/computers-and-industrial-engineering	https://doi.org/10.1016/j.cie.2018.12.028	Yes
An integrated vendor–buyer model with stochastic demand, lot-size dependent lead-time and learning in production	Anindita Mukherjee, Oshmita Dey, B. C. Giri	Department Of Mathematics	Journal of Industrial Engineering International	2019	1735-5702	https://link.springer.com/journal/40092/volumes-and-issues	https://doi.org/10.1007/s40092-019-00326-y	Yes
Fuzzy Random Periodic Review Mixture Inventory Model With Shortage Dependent Backorder Rate	Wasim F. Khan, Oshmita Dey	Department Of Mathematics	International Journal of Applied Logistics (IJAL)	2022	1947-9573	https://www.igi-global.com/journal/international-journal-applied-logistics/1151	https://www.igi-global.com/article/fuzzy-random-periodic-review-mixture-inventory-model-with-shortage-dependent-backorder-rate/309982	Yes
A study of an EOQ model where the demand depends on time and varying number of tourists using fuzzy triangular norms	Snigdha Karmakar, Sujit Kumar De	Department Of Mathematics	Journal of Ambient Intelligence and Humanized Computing	2022	1868-5145	https://link.springer.com/journal/12652	https://doi.org/10.1007/s12652-022-03821-0	Yes
A supply and demand economic order quantity inventory model under pythagorean fuzzy environment	Snigdha Karmakar, Sujit Kumar De	Department Of Mathematics	Sādhanā	2023	0973-7677	https://link.springer.com/journal/12046	https://doi.org/10.1007/s12046-022-02046-3	Yes

A Supply Chain model for deteriorating items Under Inflation with Preservation Technology and Shortages	Ayan Chakraborty, Nirmal Kumar Duari, Tripti Chakrabarti	Department Of Mathematics	GRADIVA	2022	0363-8057	https://gradivareview.com/	https://doi.org/10.37897.GRJ.2021.V8I7.22.50119	Yes
A supply chain model under return policy considering refurbishment, learning effect and inspection error	Sujata Saha, Tripti Chakrabarti	Department Of Mathematics	Croatian Operational Research Review	2020	1848-9931	http://hdoi.hr/crorr-journal/	http://dx.doi.org/10.17535/crorr.2020.0005	Yes
Analysis of Monkman-Grant relationships and damage tolerance factor for creep of 25Cr35NiNb micro-alloyed steel	Amitava Ghatak, Puthuveetil Sreedharan Robi	Department Of Mechanical Engineering	Materials Science and Engineering: A	2022	1873-4936	https://www.sciencedirect.com/journal/materials-science-and-engineering-a	https://doi.org/10.1016/j.msea.2022.143027	Yes
An integrated multi-criteria decision-making and multivariate analysis towards sustainable procurement with application in automotive industry	Sudipta Ghosh, Chiranjib Bhowmik, Sudipta Sinha, Rakesh D. Raut, Madhab Chandra Mandal, Amitava Ray	Department Of Mechanical Engineering	Supply Chain Analytics	2023	2949-8635	https://www.sciencedirect.com/journal/supply-chain-analytics	https://doi.org/10.1016/j.sca.2023.100033	Yes
Selection of optimum green energy source under smart city environment for sustainable energy management and planning: An eclectic decision	Chiranjib Bhowmik, Manjeet Khare, Bhavesh Mewada, Prasenjit Chatterjee, Gulay Demir	Department Of Mechanical Engineering	Reports in Mechanical Engineering	2023	2683-5894	https://www.rme-journal.org/index.php/asd/index	https://doi.org/10.31181/rme040105102023b	Yes
A comparative turbulent flow study of unconfined orthogonal and oblique slot impinging jet using large-eddy simulation	Shashikant Pawar, Devendra Kumar Patel, Mukul Bisoi, Subhransu Roy	Department Of Mechanical Engineering	Physics of Fluids	2020	1089-7666	https://pubs.aip.org/aip/pof	https://doi.org/10.1063/5.0021426	Yes

A comparative study of ELF and VLF noise characteristics of nor'wester at a low latitude tropical station	Hirak Sarkar, Abhijit Banerjee, Shankar Prasad Mitra, Paramita Sen, Asit Baran Bhattacharya, Goutam Sengupta	Department Of Mechanical Engineering	SN Applied Sciences	2019	3004-9261	https://link.springer.com/journal/42452	https://doi.org/10.1007/s42452-018-0158-9	Yes
Challenges of implementing Industry 4.0 for emerging supply chains indeveloping countries in pursuit of reaching the level of excellence throughthe principles of Total Quality Management	Paramita Sen,Goutam Sengupta	Department Of Mechanical Engineering	AEGAEU M	2020	0776-3808	https://aegaeum.com/	http://aegaeum.com/gallery/agm.j-2856.174-f.pdf https://www.academia.edu/42875609/Challenges_of_implementing_Industry_4_0_for_emerging_supply_chains_in_developing_countries_in_pursuit_of_reaching_the_level_of_excellence_through_the_principles_of_Total_Quality_Management	Yes
Implementation of the system II transit point data for investigating the reduction of the rotational speed of the planet Jupiter	Shankar Prasad Mitra, Hirak Sarkar, Paramita Sen, A. B. Bhattacharya	Department Of Mechanical Engineering	SN Applied Sciences	2019	2523-3971	https://link.springer.com/journal/42452	https://doi.org/10.1007/s42452-018-0105-9	Yes
An experimental study on fly ash with lime and gypsum for quality improvement in pavement subgrade materials	Pinak Ray, Amarabati Paul, Sourav Ghosh, Kanisha Sarkar & Ranendra Narayan Sen	Department Of Mechanical Engineering	SN Applied Sciences	2020	2523-3971	https://link.springer.com/journal/42452	https://doi.org/10.1007/s42452-020-03852-2	Yes

Effect of heavy metal and alkaline earth oxides on the optical and electrical mechanism of vanadium-phosphate amorphous glassy systems	Dipankar Biswas, Souvik Brahma Hota, Rittwick Mondal, Sabyasachi Mukherjee, Puspendu Chandra Chandra, Anindya Sundar Das, Soumyajyoti Kabi, Debasish	Department Of Mechanical Engineering	Journal of Non-Crystalline Solids	2023	1873-4812	https://www.sciencedirect.com/journal-of-non-crystalline-solids	https://doi.org/10.1016/j.jnoncryso.2023.122593	Yes
Effect of transition metal and alkali oxides on structural, optical and dielectric properties in Zinc-Phosphate amorphous glassy systems	Souvik Brahma Hota, Debasish Roy, Bidyut Kumar Ghosh, Anindya Sundar Das, Rittwick Mondal, Soumyajyoti Kabi, Chiranjib Chakrabarti, Dipankar	Department Of Mechanical Engineering	Journal of Non-Crystalline Solids	2023	1873-4812	https://www.sciencedirect.com/journal-of-non-crystalline-solids	https://doi.org/10.1016/j.jnoncryso.2023.122235	Yes
Mixed ionic and electronic conductivity in the quaternary V ₂ O ₅ -Na ₂ O-ZnO-P ₂ O ₅ glass system	Souvik Brahma Hota, Dipankar Biswas, Soumya Kanti Hazra, Anindya Sundar Das, Rittwick Mondal, Soumyajyoti Kabi, Debasish	Department Of Mechanical Engineering	Materialia	2023	2589-1529	https://www.sciencedirect.com/journal/materialia	https://doi.org/10.1016/j.mtl.2023.101777	Yes

CARBON STORAGE POTENTIAL OF DOMINANT MANGROVES IN WESTERN INDIAN SUNDARBANS	Poulomi Mullick,Goutam Sengupta,Sujoy Biswas,Nabonita Pal,Prosenjit Pramanick,Sana Ahmed,Sufia Zaman,Abhijit Mitra	Department Of Mechanical Engineering	Journal of Mechanics of Continua and Mathematical Sciences	2023	0973-8975	https://www.journalimcms.org/	https://www.journalimcms.org/journal/carbon-storage-potential-of-dominant-mangroves-in-western-indian-sundarbans/	Yes
From Hazardous Waste to Green Applications: Selective Surface Functionalization of Waste Cigarette Filters for High-Performance Robust Triboelectric Nanogenerators and CO2 Adsorbents	Sunanda Roy, Tanya Das, Barnali Dasgupta Ghosh, Kheng Lim Goh, Kamal Sharma, Young-Wook Chang	Department Of Mechanical Engineering	ACS Applied Materials and Interfaces	2022	1944-8244	https://pubs.acs.org/journal/aamick	https://doi.org/10.1021/acsami.2c06463	Yes
Synergistic effects of fresh garlic juice in cellulose based antimicrobial food packaging film	Sunanda Roy, Tanya Das, Kheng Lim Goh, Chhavi Verma, Pradip K. Maji, Kamal Sharma, Young-Wook Chang	Department Of Mechanical Engineering	Materials Letters	2022	1873-4979	https://www.sciencedirect.com/journal/materials-letters	https://doi.org/10.1016/j.matlet.2022.132538	Yes
A novel probiotic strain of Lactobacillus fermentum TIU19 isolated from Haria beer showing both in vitro antibacterial and antibiofilm properties upon two multi resistant uropathogen strains	Shatabdi Das, Kumari Vishakha, Satarupa Banerjee, Tanushree Bera, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Current Research in Microbial Sciences	2022	2666-5174	https://www.sciencedirect.com/journal/current-research-in-microbial-sciences	https://doi.org/10.1016/j.crmicr.2022.100150	Yes

A novel probiotic strain of Lactobacillus fermentum TIU19 isolated from Haria beer showing both in vitro antibacterial and antibiofilm properties upon two multi resistant uro-pathogen strains	Shatabdi Das, Kumari Vishakha, Satarupa Banerjee, Tanushree Bera, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Current Research in Microbial Sciences	2022	2666-5174	https://www.sciencedirect.com/journal/current-research-in-microbial-sciences	https://doi.org/10.1016/j.crmicr.2022.100150	Yes
Allelochemical catechol comprehensively impedes bacterial blight of rice caused by Xanthomonas oryzae pv. oryzae	Kumari Vishakha, Shatabdi Das, Satarupa Banerjee, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Microbial Pathogenesis	2020	1096-1208	https://www.sciencedirect.com/journal/microbial-pathogenesis	https://doi.org/10.1016/j.micpath.2020.104559	Yes
Allelochemical catechol comprehensively impedes bacterial blight of rice caused by Xanthomonas oryzae pv. oryzae	Kumari Vishakha, Shatabdi Das, Satarupa Banerjee, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Microbial Pathogenesis	2020	1096-1208	https://www.sciencedirect.com/journal/microbial-pathogenesis	https://doi.org/10.1016/j.micpath.2020.104559	Yes
Antibacterial and antibiofilm activities of nanoemulsion coating prepared by using caraway oil and chitosan prolongs the shelf life and quality of bananas	Sudip Kumar Das, Kumari Vishakha, Shatabdi Das, Arnab Ganguli	Department Of Microbiology	Applied Food Research	2023	2772-5022	https://www.sciencedirect.com/journal/applied-food-research	https://doi.org/10.1016/j.afres.2023.100300	Yes
Antibacterial and antibiofilm effectiveness of bioactive packaging materials from edible sodium alginate and vanillin: Assessment on lettuce	Shatabdi Das, Kumari Vishakha, Satarupa Banerjee, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Journal of Food Processing and Preservation	2021	0145-8892	https://ifst.onlinelibrary.wiley.com/journal/17454549	https://doi.org/10.1111/jfpp.15668	Yes

Antibacterial and antibiofilm effectiveness of bioactive packaging materials from edible sodium alginate and vanillin: Assessment on lettuce	Shatabdi Das, Kumari Vishakha, Satarupa Banerjee, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Journal of Food Processing and Preservation	2021	0145-8892	https://ifst.onlinelibrary.wiley.com/journal/17454549	https://doi.org/10.1111/jfpp.15668	Yes
Antibacterial, antibiofilm activity and mechanism of action of pancreatin doped zinc oxide nanoparticles against methicillin resistant Staphylococcus aureus	Satarupa Banerjee, Kumari Vishakha, Shatabdi Das, Moumita Dutta, Debolina Mukherjee, Jyotsna Mondal, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Colloids and Surfaces B: Biointerfaces	2020	1873-4367	https://www.sciencedirect.com/journal/colloids-and-surfaces-b-biointerfaces	https://doi.org/10.1016/j.colsurfb.2020.110921	Yes
Antibacterial, antibiofilm activity and mechanism of action of pancreatin doped zinc oxide nanoparticles against methicillin resistant Staphylococcus aureus	Satarupa Banerjee, Kumari Vishakha, Shatabdi Das, Moumita Dutta, Debolina Mukherjee, Jyotsna Mondal, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Colloids and Surfaces B: Biointerfaces	2020	1873-4367	https://www.sciencedirect.com/journal/colloids-and-surfaces-b-biointerfaces	https://doi.org/10.1016/j.colsurfb.2020.110921	Yes
Antibacterial, antibiofilm, and antivirulence potential of tea tree oil against leaf blight pathogen Xanthomonas oryzae pv. oryzae instigates disease suppression	Kumari Vishakha, Shatabdi Das, Sudip Kumar Das, Satarupa Banerjee, Arnab Ganguli	Department Of Microbiology	Brazilian Journal of Microbiology	2022	1517-8382	https://link.springer.com/journal/42770	https://doi.org/10.1007/s42770-021-00657-2	Yes

Bioremediation of uranium from waste effluents using novel biosorbents: a review	Sangeeta Banerjee, Atreyee Kundu, Prasanta Dhak	Department Of Microbiology	Journal of Radioanalytical and Nuclear Chemistry	2022	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-022-08304-2	Yes
Carboxymethyl cellulose and cardamom oil in a nanoemulsion edible coating inhibit the growth of foodborne pathogens and extend the shelf life of tomatoes	Sudip Kumar Das, Kumari Vishakha, Shatabdi Das, Deb Kumar Chakraborty, Arnab Ganguli	Department Of Microbiology	Biocatalysis and Agricultural Biotechnology	2022	1878-8181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://doi.org/10.1016/j.bcab.2022.102369	Yes
Correlation between human gut microbiome and diseases	Barkha Madhogaria, Priyanka Bhowmik, Atreyee Kundu	Department Of Microbiology	Infectious Medicine	2022	2772-431X	https://www.sciencedirect.com/journal/infectious-medicine	https://doi.org/10.1016/j.imj.2022.08.004	Yes
Exploring the antibacterial, antibiofilm, and antivirulence activities of tea tree oil-containing nanoemulsion against carbapenem-resistant <i>Serratia marcescens</i> associated infections	Shatabdi Das, Kumari Vishakha, Sarupa Banerjee, Debashish Nag, Arnab Ganguli	Department Of Microbiology	Biofouling	2022	0892-7014	https://www.tandfonline.com/journals/gbif20	https://doi.org/10.1080/08927014.2021.2022125	Yes
Genotoxic impact of emerging contaminant amoxicillin residue on zebra fish (<i>Danio rerio</i>) embryos	Jayanta Chowdhury, Tapan Kumar Mandal, Sandhimita Mondal	Department Of Microbiology	Heliyon	2020	2405-8440	https://www.sciencedirect.com/journal/heliyon	https://doi.org/10.1016/j.heliyon.2020.e05379	Yes
Harnessing the Power of Bio Adsorbents: A Review on Sustainable Approach to Eliminate Antibiotic Residues in Wastewater for Better Public Health	Chayan Sardar, Sukanta Bhadra, Hare Krishna Jana, Sandhimita Mondal	Department Of Microbiology	Journal of Pure and Applied Microbiology	2023	0973-7510	https://microbiologyjournal.org/	https://doi.org/10.22207/JPAM.17.3.29	Yes

Heavy metals bio-removal potential of the isolated Klebsiella sp TIU20 strain which improves growth of economic crop plant (Vigna radiata L.) under heavy metals stress by exhibiting plant growth promoting and protecting traits	Sohini Chakraborty, Shatabdi Das, Satarupa Banerjee, Sukannya Mukherjee, Arnab Ganguli, Sandhimita Mondal	Department Of Microbiology	Biocatalysis and Agricultural Biotechnology	2021	1878-8181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://doi.org/10.1016/j.bcab.2021.102204	Yes
Heavy metals bio-removal potential of the isolated Klebsiella sp TIU20 strain which improves growth of economic crop plant (Vigna radiata L.) under heavy metals stress by exhibiting plant growth promoting and protecting traits	Sohini Chakraborty, Shatabdi Das, Satarupa Banerjee, Sukannya Mukherjee, Arnab Ganguli, Sandhimita Mondal	Department Of Microbiology	Biocatalysis and Agricultural Biotechnology	2021	1878-8181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://doi.org/10.1016/j.bcab.2021.102204	Yes
Heavy water (D2O) induces autophagy-dependent apoptotic cell death in non-small cell lung cancer A549 cells by generating reactive oxygen species (ROS) upon microtubule disruption	Amlan Das, Subhendu Chakraborty, Debasish Nag, Santanu Paul, Arnab Ganguli, Gopal Chakrabarti	Department Of Microbiology	Toxicology in Vitro	2023	1879-3177	https://www.sciencedirect.com/journal/toxicology-in-vitro	https://doi.org/10.1016/j.tiv.2023.105703	Yes

In-vitro study of Moringa oleifera and Casia fistula on multi drug resistant bacteria, isolated from bovine mastitis milk.	Jayanta Chowdhury, Nilanjana Dey, Sayani Marick, Shatabdi Das, Arnab Ganguli, Tapan Kumar Mondal, Sandhimita Mondal	Department Of Microbiology	Science and Culture	2020	0036-8156	https://scieandculture.isna.org/home	https://doi.org/10.36094/sc.v86.20.In-vitro_study_of_Moringa_Oleifera.Chowdhury.379	Yes
In-vitro study of Moringa oleifera and Casia fistula on multi drug resistant bacteria, isolated from bovine mastitis milk.	Jayanta Chowdhury, Nilanjana Dey, Sayani Marick, Shatabdi Das, Arnab Ganguli, Tapan Kumar Mondal, Sandhimita Mondal	Department Of Microbiology	Science and Culture	2020	0036-8156	https://scieandculture.isna.org/home	https://doi.org/10.36094/sc.v86.20.In-vitro_study_of_Moringa_Oleifera.Chowdhury.379	Yes
Isolation and characterization of 3rd Generation Cephalosporin Resistant Gram-positive bacteria from urban environmental soil of West Bengal, India	JHULAN BASU, PRANAB GIRI, ATREYEE KUNDU, PRIYANKA BHOWMIK	Department Of Microbiology	Journal of Mycopathological Research	2022	0971-3719	https://imskolkata.org/	https://www.imskolkata.org/pdf/sept22_2/jhulan%20Basu.pdf	Yes
Low pH stress activates several genes for lateral root formation and detoxification of aluminum ions in Cotton plants	Atreyee Kundu, Markkandan Ganesan	Department Of Microbiology	Plant Stress	2023	2667-064X	https://www.sciencedirect.com/journal/plant-stress	https://doi.org/10.1016/j.stress.2023.100188	Yes

Oxidative stress, DNA, and membranes targets as modes of antibacterial and antibiofilm activity of facile synthesized biocompatible keratin-copper nanoparticles against multidrug resistant uropathogens	Satarupa Banerjee, Kumari Vishakha, Shatabdi Das, Priyanka D. Sangma, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	World Journal of Microbiology and Biotechnology	2022	1573-0972	https://link.springer.com/journal/11274	https://doi.org/10.1007/s11274-021-03187-z	Yes
Oxidative stress, DNA, and membranes targets as modes of antibacterial and antibiofilm activity of facile synthesized biocompatible keratin-copper nanoparticles against multidrug resistant uropathogens	Satarupa Banerjee, Kumari Vishakha, Shatabdi Das, Priyanka D. Sangma, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	World Journal of Microbiology and Biotechnology	2022	1573-0972	https://link.springer.com/journal/11274	https://doi.org/10.1007/s11274-021-03187-z	Yes
Phenol bioremediation by a bacterium isolated from waste of pharmaceutical industry.	Sohini Chakraborty, Arnab Ganguli, Sandhimita Mondal	Department Of Microbiology	SCIENCE AND CULTURE	2022	0036-8156	https://scienceandculture.isna.org/home	https://scienceandculture.isna.org/home/archive_details/14	Yes
Phenol bioremediation by a bacterium isolated from waste of pharmaceutical industry.	Sohini Chakraborty, Arnab Ganguli, Sandhimita Mondal	Department Of Microbiology	SCIENCE AND CULTURE	2022	0036-8156	https://scienceandculture.isna.org/home	https://scienceandculture.isna.org/home/archive_details/14	Yes

Photodynamic antibacterial and antibiofilm activity of riboflavin against <i>Xanthomonas oryzae</i> pv <i>oryzae</i> : an ecofriendly strategy to combat bacterial leaf blight (BLB) rice disease	Kumari Vishakha, Shatabdi Das, Arnab Ganguli	Department Of Microbiology	Archives of Microbiology	2022	0302-8933	https://link.springer.com/journal/203	https://doi.org/10.1007/s00203-022-03183-3	Yes
Photodynamic antimicrobial chemotherapy (PACT) using riboflavin inhibits the mono and dual species biofilm produced by antibiotic resistant <i>Staphylococcus aureus</i> and <i>Escherichia coli</i>	Satarupa Banerjee, Debraj Ghosh, Kumari Vishakha, Shatabdi Das, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Photodiagnosis and Photodynamic Therapy	2020	1873-1597	https://www.sciencedirect.com/journal/photodiagnosis-and-photodynamic-therapy	https://doi.org/10.1016/j.pdpdt.2020.102002	Yes
Photodynamic antimicrobial chemotherapy (PACT) using riboflavin inhibits the mono and dual species biofilm produced by antibiotic resistant <i>Staphylococcus aureus</i> and <i>Escherichia coli</i>	Satarupa Banerjee, Debraj Ghosh, Kumari Vishakha, Shatabdi Das, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	Photodiagnosis and Photodynamic Therapy	2020	1873-1597	https://www.sciencedirect.com/journal/photodiagnosis-and-photodynamic-therapy	https://doi.org/10.1016/j.pdpdt.2020.102002	Yes
Potential role of microRNAs in pancreatic cancer manifestation: a review	Lisa Kabiraj, Atreyee Kundu	Department Of Microbiology	Journal of the Egyptian National Cancer Institute	2022	2589-0409	https://jenci.springeropen.com/	https://doi.org/10.1186/s43046-022-00127-2	Yes

Sodium alginate-based edible coating containing nanoemulsion of Citrus sinensis essential oil eradicates planktonic and sessile cells of food-borne pathogens and increased quality attributes of tomatoes	Shatabdi Das, Kumari Vishakha, Satarupa Banerjee, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	International Journal of Biological Macromolecules	2020	1879-0003	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://doi.org/10.1016/j.ijbiomac.2020.08.086	Yes
Sodium alginate-based edible coating containing nanoemulsion of Citrus sinensis essential oil eradicates planktonic and sessile cells of food-borne pathogens and increased quality attributes of tomatoes	Shatabdi Das, Kumari Vishakha, Satarupa Banerjee, Sandhimita Mondal, Arnab Ganguli	Department Of Microbiology	International Journal of Biological Macromolecules	2020	1879-0003	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://doi.org/10.1016/j.ijbiomac.2020.08.086	Yes
Study of Gelatin and Peppermint Oil Nanoemulsion Coating Against Food-Borne Pathogens, as Well as Its Effect on Shrimp Quality and Preservation	Sudip Kumar Das, Kumari Vishakha, Shatabdi Das, Arnab Ganguli	Department Of Microbiology	Journal of Aquatic Food Product Technology	2023	1049-8850	https://www.tandfonline.com/journals/wafp20	https://doi.org/10.1080/10498850.2023.2174392	Yes
Tetracycline-loaded magnesium oxide nanoparticles with a potential bactericidal action against multidrug-resistant bacteria: In vitro and in vivo evidence	Shatabdi Das, Kumari Vishakha, Satarupa Banerjee, Debasish Nag, Arnab Gangul	Department Of Microbiology	Colloids and Surfaces B: Biointerfaces	2022	1873-4367	https://www.sciencedirect.com/journal/colloids-and-surfaces-b-biointerfaces	https://doi.org/10.1016/j.colsurfb.2022.112688	Yes

The current scenario and future perspectives of transgenic oilseed mustard by CRISPR-Cas9	Sangeeta Banerjee, Ananya Mukherjee, Atreyee Kundu	Department Of Microbiology	Molecular Biology Reports	2023	0301-4851	https://link.springer.com/journal/11033	https://doi.org/10.1007/s11033-023-08660-6	Yes
The Facile Synthesis of Eco-Friendly Zinc Magnesium Bimetal Nanoparticles and its Application in the Eradication of Xanthomonas oryzae pv. oryzae that Causes Leaf Blight Disease of Rice	Kumari Vishakha, Shatabdi Das, Arnab Ganguli	Department Of Microbiology	Current Microbiology	2023	0343-8651	https://link.springer.com/journal/284	https://doi.org/10.1007/s00284-023-03455-1	Yes
APPLICATION OF CONDITION INDEX TO EVALUATE ENVIRONMENTAL HEALTH OF FISHES: A CASE STUDY WITH LABEO ROHITA	Manmatha Nath Sarker, Sana Ahmed, Shampa Mitra, Prosenjit Pramanick, Sufia Zaman, Abhijit Mitra	Department Of Earth Science	Bangladesh Journal of Zoology	2022	2408-8455	https://www.banglajol.info/index.php/index	https://doi.org/10.3329/bjz.v50i3.65538	Yes
Application of numerical modeling to evaluate the role of mangroves in wave attenuation: A first order analysis in the domain of disaster management	Mourani Sinha, Sitangshu Roy, Mrinmoyee Bhattacharya, Susmita Biswas, Sufia Zaman, Abhijit Mitra	Department Of Earth Science	Our Heritage	2020	0474-9030	https://archives.ourheritagejournal.com/	https://www.academia.edu/43611195/Application_of_numerical_modeling_to_evaluate_the_role_of_mangroves_in_wave_attenuation_A_first_order_analysis_in_the_domain_of_disaster_management	Yes
Are we taking poison every day?	Joystu Dutta, Sufia Zaman, Abhijit Mitra	Department Of Earth Science	Indian Journal of Environmental Protection	2019	0253-7141	https://www.e-ijep.co.in/	https://www.e-ijep.co.in/39-3-283-289/	Yes

Assessment of Carbon Storage Potential of Dominant Tree Species in an Educational Campus, Kolkata, West Bengal	Sangita Agarwal, Shambhu Prasad Chakrabarty, Sufia Zaman, Prosenjit Pramanick, Pavel Biswas, Nibedita Mukhopadhyay, Joystu Dutta, Abhijit Mitra	Department Of Earth Science	Ela Journal of Forestry and Wildlife	2021	2319-4361	https://www.elafoundation.org/ela/ela-journal/	https://www.elafoundation.org/ela/wp-content/uploads/2021/12/EJFW-10-2.pdf	Yes
Assessment of the bioaccumulation pattern of Pb, Cd, Cr and Hg in edible fishes of East kolkata Wetlands, India	Joystu Dutta, Sufia Zaman, Tarun Kumar Thakur, Sandeep Kaushik, Abhijit Mitra, Poonam Singh, Ravinder Kumar, Ali Tan Kee Zuan, Mohammad Shahzad Samdani, Sulaiman Ali Alharbi, Rahul Datta	Department Of Earth Science	Saudi Journal of Biological Sciences	2022	2213-7106	https://www.sciencedirect.com/journal/saudi-journal-of-biological-sciences	https://doi.org/10.1016/j.sjbs.2021.09.039	Yes
BRIEF COMMENTARY ON THE IMPACT OF GLOBAL CLIMATE CHANGE ON FISHERIES AND AQUACULTURE WITH SPECIAL REFERENCE TO INDIA	Joystu Dutta, Tirthankar Sen Ankita Mitra, Sufia Zaman, Abhijit Mitra5	Department Of Earth Science	Bangladesh Journal of Zoology	2021	0304-9027	https://www.banglajol.info/index.php/index	https://doi.org/10.3329/bjz.v48i2.52382	Yes

CARBON STORAGE POTENTIAL OF DOMINANT MANGROVES IN WESTERN INDIAN SUNDARBANS	Poulomi Mullick,Goutam Sengupta,Sujoy Biswas,Nabonita Pal,Prosenjit Pramanick,Sana Ahmed,Sufia Zaman,Abhijit Mitra	Department Of Earth Science	Journal of Mechanics of Continua and Mathematical Sciences	2023	0973-8975	https://www.journalimcms.org/	https://www.journalimcms.org/journal/carbon-storage-potential-of-dominant-mangroves-in-western-indian-sundarbans/	Yes
Development of food products from mangrove associate species: A step towards health security	Sudeshna Biswas, Sufia Zaman, Abhijit Mitra	Department Of Earth Science	Our Heritage	2020	0474-9030	https://archives.ourheritagejournal.com/	https://archives.ourheritagejournal.com/index.php/oh/article/view/762	Yes
EFFICIENT IN PLANTA GENETIC TRANSFORMATION THROUGH Agrobacterium-MEDIATED FLORAL-DIP TECHNIQUE IN INDIAN SUNDARBANS	SOURAV DUTTA, PRANIT KUMAR MUKHERJEE, ABHIJIT MITRA, SUFIA ZAMAN, ASIT B. MANDAL	Department Of Earth Science	Plant Cell Biotechnology and Molecular Biology	2021	0972-2025	https://ikpress.org/index.php/PCMB	https://ikpress.org/index.php/PCBM/article/view/7011	Yes
OSCILLATION OF HYDROLOGICAL PARAMETERS IN SHRIMP PONDS WITHIN MANGROVE-DOMINATED INDIAN SUNDARBANS	Suvadeep Samanta,Prosenjit Pramanick,Sufia Zaman,Abhijit Mitra	Department Of Earth Science	Journal of Mechanics of Continua and Mathematical Sciences	2023	0973-8976	https://www.journalimcms.org/	https://www.journalimcms.org/journal/oscillation-of-hydrological-parameters-in-shrimp-ponds-within-mangrove-dominated-indian-sundarbans/	Yes
PHYTOREMEDIATION OF HEAVY METALS BY THE DOMINANT MANGROVE ASSOCIATE SPECIES OF INDIAN SUNDARBANS	Pritam Mukherjee, Prosenjit Pramanick, Sufia Zaman, Abhijit Mitra	Department Of Earth Science	Journal of Environmental Engineering and Landscape Management	2021	1822-4199	https://journals.vilniustech.lt/index.php/JEELM	https://doi.org/10.3846/jeelm.2021.15773	Yes

Stored Carbon in the Mangrove Vegetation of Lothian Wild Life Sanctuary of Indian Sundarbans, the Designated World Heritage Site	Joystu Dutta, Ankita Mitra, Sufia Zaman, Abhijit Mitra	Department Of Earth Science	The Indian Forester	2022	0019-4816	https://indianforester.co.in/index.php/indianforester/index	http://dx.doi.org/10.36808/if%2F2022%2Fv148i7%2F151602	Yes
Water quality management through seaweed cultivation	Prosenjit Pramanick, Sufia Zaman, Abhijit Mitra	Department Of Earth Science	Our Heritage	2020	0474-9031	https://archives.ourheritagejournal.com/	https://archives.ourheritagejournal.com/index.php/oh/article/view/761	Yes
A Comprehensive Review on Targeted Cancer Therapy: New Face of Treatment Approach	Dipanjan Karati and Dileep Kumar	Department Of Pharmacy	Current Pharmaceutical Design	2023	1381-6128	https://www.eurekaselect.com/	http://dx.doi.org/10.2174/0113816128272203231121034814	Yes
A Promising Drug Candidate as Potent Therapeutic Approach for Neuroinflammation and Its In Silico Justification of Chalcone Congeners: a Comprehensive Review	Dipanjan Karati, Swarupananda Mukherjee & Souvik Roy	Department Of Pharmacy	Molecular Neurobiology	2023	0893-7648	https://link.springer.com/journal/12035	https://doi.org/10.1007/s12035-023-03632-0	Yes
A review on challenges and issues with carboxymethylation of natural gums: The widely used excipients for conventional and novel dosage forms	Hemant Ramachandra Badwaik, Leena Kumari, Sabyasachi Maiti, Kalyani Sakure, Ajazuddin, Kartik T. Nakhate, Vaibhav Tiwari, Tapan Kumar Giri	Department Of Pharmacy	International Journal of Biological Macromolecules	2022	1879-0003	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://doi.org/10.1016/j.ijbiomac.2022.04.201	Yes

An explicative review on the current advancement in Schiff Base-Metal complexes as anticancer agents evolved in the past decade: medicinal chemistry aspects	Dipanjan Karati, Swarupananda Mukherjee, Souvik Roy	Department Of Pharmacy	Medicinal Chemistry	2023	1573-4064	https://www.eurekaselect.com/article/132792	https://doi.org/10.2174/1573406419666230707105221	Yes
An Improved Efficient Chromatographic Development and Validation for Quantitative Determination of Rosuvastatin Calcium and Cholecalciferol in Solid Pharmaceutical Tablets Dosage Form	Kallol Jana, Beduin Mahanti	Department Of Pharmacy	International Journal of Pharmaceutical Quality Assurance	2022	0975-9506	https://ijpqa.com/	https://impactfactor.org/PDF/IJPQA,Vol13,Issue4,Article15.pdf	Yes
An In silico Study of Imidazo[1,2-a]pyridine Derivatives with Homology Modelled F1F0 ATP Synthase Against Mycobacterium Tuberculosis	Surabhi Jain*, Smriti Sharma, DhruboJyoti Sen	Department Of Pharmacy	Anti Infective Agents	2022	2211-3533	https://www.eurekaselect.com/article/111971	http://dx.doi.org/10.2174/2211352520666220414094155	Yes
Antioxidant potential of herbal polysaccharides: An overview on recent researches	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Sensors International	2022	2666-3511	https://www.sciencedirect.com/journal/sensors-international	https://doi.org/10.1016/j.sintl.2022.100158	Yes
Antioxidant potential of herbal polysaccharides: An overview on recent researches	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Sensors International	2022	2666-3511	https://www.sciencedirect.com/journal/sensors-international	https://doi.org/10.1016/j.sintl.2022.100158	Yes

Biopolymer-based nano-formulations for mitigation of ocular infections: a review	Dipanjan Karati, Swarupananda Mukherjee, Sudarshan Singh, Bhupendra G. Prajapati & Biswajit Basu	Department Of Pharmacy	Polymer Bulletin	2023	0170-0839	https://link.springer.com/journal/289	https://doi.org/10.1007/s00289-023-05095-8	Yes
Challenges of hplc method development and validation for the assay of bemotrizinol from complex matrix in cosmeceutical preparation	Kallol Jana, Beduin Mahanti	Department Of Pharmacy	International Journal of Pharmaceutical Quality Assurance	2020	0975-9506	https://ijpqa.com/	https://impactfactor.org/PDF/IJPQA,Vol11,Issue3,Article2.pdf	Yes
Chitosan-based Nanomedicine in the Management of Age-related Macular Degeneration: A Review	Swarupananda Mukherjee*, Dipanjan Karati, Sudarshan Singh and Bhupendra G. Prajapati	Department Of Pharmacy	Current Nanomedicine	2023	2468-1873	https://benthamscience.com/	http://dx.doi.org/10.2174/0124681873261772230927074628	Yes
Cordyceps sinensis (yarsagumba): Pharmacological properties of a mushroom	Sanjukta Sen, Dipanjan Karati, Rosy Priyadarshini, Tarun Kumar Dua, Paramita Paul, Ranabir Sahu, Gouranga Nandi	Department Of Pharmacy	Pharmacological Research - Modern Chinese Medicine	2023	2667-1425	https://www.sciencedirect.com/journal/pharmacological-research-modern-chinese-medicine	https://doi.org/10.1016/j.prmcm.2023.100294	Yes
Deciphering the molecular mechanistic paths describing the chemotherapeutic potential and epigenetic regulation of curcumin in lung cancer: a mini review	Dipanjan Karati, Swarupananda Mukherjee, Souvik Roy	Department Of Pharmacy	Naunyn-Schmiedberg's Archives of Pharmacology	2023	0028-1298	https://link.springer.com/journal/210	https://doi.org/10.1007/s00210-023-02838-2	Yes

Development and validation of a new improved rp-hplc method for estimation of rosuvastatin calcium in pharmaceutical dosage form	Kallol Jana, Beduin Mahanti	Department Of Pharmacy	Research Journal of Pharmacy and Technology	2020	0974-3618	https://www.riptonline.org/	https://doi.org/10.5958/0974-360X.2020.00515.6	Yes
Enoyl-Acyl Carrier Protein Reductase (INHA): A Remarkable Target to Exterminate Tuberculosis	Surabhi Jain, Smirti Sharma, Dhrubo Jyoti Sen, Sourabh S Pandya	Department Of Pharmacy	Anti-Infective Agents	2020	2211-3533	https://www.eurekaselect.com/article/111971	http://dx.doi.org/10.2174/2211352518999201201114426	Yes
Exploration of Indolo-imidazo[1,2-a]pyridine Compounds as Anti-Tubercular Agents through Docking, ADMET and Drug Likelihood Studies	Surabhi Jain, Dhrubo Jyoti Sen	Department Of Pharmacy	Letters in Applied Nano BioScience	2021	2284-6808	https://nano-bioletters.com/	https://doi.org/10.33263/LIANBS12.33503361	Yes
Exploring the advancement of polymer-based nano-formulations for ocular drug delivery systems: an explicative review	Moumoyee Chakraborty, Debarya Banerjee, Swarupananda Mukherjee & Dipanjan Karati	Department Of Pharmacy	Polymer Bulletin	2023	0170-0839	https://link.springer.com/journal/289	https://doi.org/10.1007/s00289-022-04661-w	Yes
Exploring the phytochemistry, pharmacognostic properties, and pharmacological activities of medically important plant Momordica Charantia	Swarupananda Mukherjee, Dipanjan Karati	Department Of Pharmacy	Pharmacological Research - Modern Chinese Medicine	2023	2667-1425	https://www.sciencedirect.com/journal/pharmacological-research-modern-chinese-medicine	https://doi.org/10.1016/j.prmcm.2023.100226	Yes

Extraction, characterization, haematocompatibility and antioxidant activity of linseed polysaccharide	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Carbohydrate Polymer Technologies and Applications	2023	2666-8939	https://www.sciencedirect.com/journal/carbohydrate-polymer-technologies-and-applications	https://doi.org/10.1016/j.carpta.2023.100321	Yes
Extraction, characterization, haematocompatibility and antioxidant activity of linseed polysaccharide	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Carbohydrate Polymer Technologies and Applications	2023	2666-8939	https://www.sciencedirect.com/journal/carbohydrate-polymer-technologies-and-applications	https://doi.org/10.1016/j.carpta.2023.100321	Yes
Green Synthesis of Silver Nanoparticles Using Oldenlandia corymbosa and Ocimum sanctum Leaf Aqueous Extract	Sirshendu Chatterjee, Shaktijit Das, Moumita saha, Pranabesh Ghosh, Titav Sengupta, Subhadra Nandi, Sohini Kulavi, Suprodip Mandal	Department Of Pharmacy	International Journal of Pharmaceutical Sciences and Nanotechnology(IJPSN)	2020	0974-3278	https://www.ijpsnonline.com/index.php/ijpsn	https://doi.org/10.37285/ijpsn.2020.13.3.11	Yes
In vivo acute toxicity, antidiabetic and antiulcer activities of polysaccharide from Linum usitatissimum L. seeds	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Food Bioscience	2023	2212-4306	https://www.sciencedirect.com/journal/food-bioscience	https://doi.org/10.1016/j.fbio.2023.103195	Yes
In vivo acute toxicity, antidiabetic and antiulcer activities of polysaccharide from Linum usitatissimum L. seeds	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Food Bioscience	2023	2212-4306	https://www.sciencedirect.com/journal/food-bioscience	https://doi.org/10.1016/j.fbio.2023.103195	Yes

In-silico Approach for Predicting the Inhibitory Effect of Home Remedies on Severe Acute Respiratory Syndrome Coronavirus-2	Shankar Thapa , Mahalakshmi Suresha BiradarJanmajoy Banerjee, Dipanjan Karati	Department Of Pharmacy	Makara Journal of Science	2023	2339-1995	https://scholarhub.ui.ac.id/science/	https://scholarhub.ui.ac.id/cgi/viewcontent.cgi?article=1609&context=science	Yes
In-silico investigation and drug likeliness studies of benzimidazole congeners: The new face of innovation	Shankar Thapa, Shachindra L. Nargund, Mahalakshmi Suresha Biradar, Janmajay Banerjee, Dipanjan Karati	Department Of Pharmacy	Informatics in Medicine Unlocked	2023	2352-9148	https://www.sciencedirect.com/journal/informatics-in-medicine-unlocked	https://doi.org/10.1016/j.imu.2023.101213	Yes
Molecular and Structural Insight into Adenosine A2A Receptor in Neurodegenerative Disorders: A Significant Target for Efficient Treatment Approach	Dipanjan Karati, Swarupananda Mukherjee, Souvik Roy	Department Of Pharmacy	Molecular Neurobiology	2023	0893-7648	https://link.springer.com/journal/12035	https://doi.org/10.1007/s12035-023-03441-5	Yes
Molecular insight into the apoptotic mechanism of cancer cells: An explicative review	Dipanjan Karati and Dileep Kumar	Department Of Pharmacy	Current Molecular Pharmacology	2023	1874-4672	https://www.eurekaselect.com/	http://dx.doi.org/10.2174/0118761429273223231124072223	Yes
Neuropharmacological Alterations by a Rice Contaminant Stenotrophomonas maltophilia: a Detailed Bio-molecular and Mechanistic Landscape	Moitreyee Chattopadhyay, Souvik Basak, Atish Barua, Malaya Gupta, Dibyajyoti Das, Tanushree Karmakar & Gautam Kumar Basak	Department Of Pharmacy	Applied Biochemistry and Biotechnology	2022	0273-2289	https://link.springer.com/journal/12010	https://doi.org/10.1007/s12010-022-03810-1	Yes

Phytochemical composition analysis and evaluation of in vitro medicinal properties and cytotoxicity of five wild weeds: A comparative study	Pranabesh Ghosh, Chandrima Das, Swagata Biswas, Sudip Kumar Nag, Alolika Dutta, Maitrayee Biswas, Sayantan Sil, Labani Hazra, Chandreyi Ghosh, Shaktijit Das, Moumita Saha, Nasim Mondal, Suprodip Mandal, Anirban Ghosh, Srabani Karmakar, Sirshendu Chatterjee	Department Of Pharmacy	F1000Research	2020	2046-1402	https://f1000research.com/	https://doi.org/10.12688/f1000research.22966.1	Yes
PREPARATION AND EVALUATION OF COMPRESSED COATED TABLETS USING POLYELECTROLYTE COMPLEX FOR TARGETED DELIVERY OF ANTI-AMOEBIC DRUG	Vaibhav Tiwari, Jawahar Singh Dangi, Sangeeta Tiwari, Leena Kumari, Alok Singh Thakur, Hemant Ramchandra Badwaik	Department Of Pharmacy	Bulletin of Pharmaceutical Sciences of Assiut University	2022	1110-0052	https://bpsajournals.ekb.eg/	https://doi.org/10.21608/bfsa.2022eg.271486	Yes
Recent advancement of nanostructured materials: a compatible therapy of tissue engineering and drug delivery system	Jagabandhu Bag, Swarupananda Mukherjee & Dipanjan Karati	Department Of Pharmacy	Polymer Bulletin	2023	0170-0839	https://link.springer.com/journal/289	https://doi.org/10.1007/s00289-023-04983-3	Yes

Recent advances in the extraction, purification, and antioxidant activities of fruit polysaccharides: A review	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Food Hydrocolloids for Health	2023	2667-0259	https://www.sciencedirect.com/journal/food-hydrocolloids-for-health	https://doi.org/10.1016/j.fhfh.2023.100163	Yes
Recent advances in the extraction, purification, and antioxidant activities of fruit polysaccharides: A review	Bulu Mohanta, Dhrubo Jyoti Sen, Beduin Mahanti, Amit Kumar Nayak	Department Of Pharmacy	Food Hydrocolloids for Health	2023	2667-0259	https://www.sciencedirect.com/journal/food-hydrocolloids-for-health	https://doi.org/10.1016/j.fhfh.2023.100163	Yes
Response surface method for optimization of prepared satranidazole powder layered pellets	Rana Mazumder, Beduin Mahanti, Subhabrota Majumdar, Rabindranath Pal, Ashok Dhar Chowdhury	Department Of Pharmacy	Future Journal of Pharmaceutical Sciences	2021	2314-7253	https://fjps.springeropen.com/	https://doi.org/10.1186/s43094-021-00337-w	Yes
Satranidazole-loaded chitosan/locust bean gum/xanthan gum polysaccharide composite multiunit pellets for colon targeting: in vitro–in vivo investigation	Rana Mazumder, Beduin Mahanti, Subhabrota Majumdar, Rabindranath Pal, Nilanjan Pahari	Department Of Pharmacy	Beni-Suef University Journal of Basic and Applied Sciences	2022	2314-8543	https://bjbas.springeropen.com/	https://doi.org/10.1186/s43088-022-00333-w	Yes
SCREENING THE ANTIMICROBIAL PROPERTIES OF Benincasa hispida (Thunb.) Cogn. LEAVES	Nilanjan Pahari , Beduin Mahanti , Mrityunjay Banerjee	Department Of Pharmacy	European Chemical Bulletin	2022	2063-5346	https://www.eurchembull.com/	https://www.eurchembull.com/uploads/paper/a7346fd38ed8c849199c1cf882a50e47.pdf	Yes
Synthesis, characterization, drug likeliness and biological activity of imidazopyridine derivatives as anti-tubercular agents	Surabhi Jain, Dhrubo Jyoti Sen	Department Of Pharmacy	Indian Journal of Chemistry	2022	0376-4710	https://or.niscpr.res.in/index.php/IJC	https://nopr.niscpr.res.in/bitstream/123456789/59340/1/Indian%20J%20Chem%202061%2020305-312%2028Mar%202022%29.pdf	Yes

Turmeric: a holistic solution for biochemical malfunction	R. Badmanaban, DhananjoySaha, Dhrubo Jyoti Sen, Arpita Biswas, Supradip Mandal, Susmita Basak	Department Of Pharmacy	Research Journal of Pharmacy and Technology	2021	0974-3618	https://rjptonline.org/Home.aspx	https://doi.org/10.52711/0974-360X.2021.00966	Yes
Turmeric: a holistic solution for biochemical malfunction	R. Badmanaban, DhananjoySaha, Dhrubo Jyoti Sen, Arpita Biswas, Supradip Mandal, Susmita Basak	Department Of Pharmacy	Research Journal of Pharmacy and Technology	2021	0974-3618	https://rjptonline.org/Home.aspx	https://doi.org/10.52711/0974-360X.2021.00966	Yes
Turmeric: a holistic solution for biochemical malfunction	R. Badmanaban, DhananjoySaha, Dhrubo Jyoti Sen, Arpita Biswas, Supradip Mandal, Susmita Basak	Department Of Pharmacy	Research Journal of Pharmacy and Technology	2021	0974-3618	https://rjptonline.org/Home.aspx	https://doi.org/10.52711/0974-360X.2021.00966	Yes
Turmeric: a holistic solution for biochemical malfunction	R. Badmanaban, DhananjoySaha, Dhrubo Jyoti Sen, Arpita Biswas, Supradip Mandal, Susmita Basak	Department Of Pharmacy	Research Journal of Pharmacy and Technology	2021	0974-3618	https://rjptonline.org/Home.aspx	https://doi.org/10.52711/0974-360X.2021.00966	Yes

Virtual Screening, Docking, ADMET and Molecular Dynamics: A Study to Find Novel Inhibitors of Mycobacterium tuberculosis Targeting OcrB	Surabhi Jain, Smriti Sharma and Dhrubo Jyoti Sen	Department Of Pharmacy	Jordan Journal of Chemistry	2021	1814-9111	https://jjc.yu.edu.jo/index.php/jjc	https://doi.org/10.47014/16.3.4	Yes
$^{12}\text{C}(^{20}\text{Ne}, ^{16}\text{O})^{16}\text{O}$ α -transfer reaction and astrophysical S-factors at 300keV	Ashok Kumar Mondal, C. Basu, S. Adhikari, C. Bhattacharya, T. K. Rana, S. Kundu, S. Manna, R. Pandey, P. Roy, A. Sen, J. K. Meena, A. K. Saha, J. K. Sahoo, Dipali Basak, Tanmay Bar, Haridas Pai, A. Bisoi, A. K. Mitra, and Piyasi Biswas	Department Of Physics	International Journal of Modern Physics E	2021	0218-3013	https://www.worldscientific.com/worldscinet/ijmp	https://doi.org/10.1142/S0218301321500397	Yes
Astrophysical SE2 factor of the $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ reaction through the $^{12}\text{C}(^{11}\text{B}, ^7\text{Li})^{16}\text{O}$ transfer reaction	Y. P. Shen, B. Guo, Z. H. Li, Y. J. Li, D. Y. Pang, S. Adhikari, Z. D. An, J. Su (苏俊), S. Q. Yan, X. C. Du, Q. W. Fan, L. Gan, Z. Y. Han, D. H. Li, E. T. Li, X. Y. Li, G. Lian, J. C. Liu, T. L. Ma, C. J. Pei, Y. Su, Y. B. Wang, S. Zeng, Y. Zhou, W. P. Liu	Department Of Physics	PHYSICAL REVIEW C	2019	2469-9985	https://journals.aps.org/prc/	https://doi.org/10.1103/PhysRevC.99.025805	Yes

Constraining the External Capture to the ^{16}O Ground State and the E_2 SFactor of the $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ Reaction	Y. P. Shen, B. Guo, R. J. deBoer, Z. H. Li, Y. J. Li, X. D. Tang, D. Y. Pang, S. Adhikari, C. Basu, J. Su, S. Q. Yan, Q. W. Fan, J. C. Liu, C. Chen, Z. Y. Han, X. Y. Li, G. Lian, T. L. Ma, W. Nan, W. K. Nan, Y. B. Wang, S. Zeng, H. Zhang, W. P. Liu	Department Of Physics	PHYSICAL REVIEW LETTERS	2020	0031-9007	https://journals.aps.org/prl/	https://doi.org/10.1103/PhysRevLett.124.162701	Yes
Dependence of thermoelectric power and electrical conductivity on structural order of PEDOT-Tos-graphene nanocomposite via charge carrier mobility	Shilpa Maity, Chiranjit Kuls, Shiladitya Banerjee, Sukhen Das, Krishanu Chatterjee	Department Of Physics	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab3e7c/meta	Yes
Development of a Schottky barrier diode using molecular network of 1-alkyl-2-(arylo)imidazole prepared by Langmuir-Blodgett technique	Tanmoy Singha, Debashis Mallick, Utsav Chakraborty, Pradip Maiti, Rajkumar Jana, Chittaranjan Sinha, Partha Pratim Ray, Pabitra Kumar Paul	Department Of Physics	Journal of Physics and Chemistry of Solids	2021	1879-2553	https://www.sciencedirect.com/journal/journal-of-physics-and-chemistry-of-solids	https://doi.org/10.1016/j.jpcs.2020.109778	Yes

Effect of size of CdO on bias dependent conduction and relaxation mechanism by means of impedance spectroscopy: Experimental and theoretical studies	Joydeep Datta, Animesh Biswas, Somobrata Acharya, Animesh Layek, Partha Pratim Ray	Department Of Physics	Materials Chemistry and Physics	2023	1879-3312	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://doi.org/10.1016/j.matchemphys.2023.127542	Yes
Exploring the factors affecting the intention of students in understanding physics through kinesthetic learning activity	Soma Roy Acharjee Anuradha Bhattacharya L Hemochandra	Department Of Physics	Bharatiya Vaigyanik evam Audyogik Anusandhan Patrika	2023	0975-2412	https://or.nis.cpr.res.in/index.php/BV AAP/index	https://doi.org/10.56042/bvaap.v3i12.6383	Yes
Improvement of charge kinetics of MoS2 nano-petal based Schottky device by incorporation of W: A comparative study of structural, optical, and electrical properties	Baishakhi Pal, Pubali Das, Joydeep Datta, Utpal Gangopadhyay, Partha Pratim Ray	Department Of Physics	Materials Science in Semiconductor Processing	2023	1873-4081	https://www.sciencedirect.com/journal/materials-science-in-semiconductor-processing	https://doi.org/10.1016/j.mssp.2023.107535	Yes
Innovations in Teaching: A Case of Using Kinesthetic Learning Activity for Teaching Physics	Soma Roy Acharjee, Anuradha Bhattacharya, L Hemochandra, Tushar Athare	Department Of Physics	INDIAN JOURNAL OF EXTENSION EDUCATION	2023	0537-1996	https://acspublications.com/journals/index.php/ijee/index	https://doi.org/10.48165/IJEE.2023.59411	Yes
Innovative teaching by kinesthetic learning activity and its problem factors: Physics in agriculture	Soma Roy Acharjee, Anuradha Bhattacharya, L Hemochandra	Department Of Physics	Indian Journal of Hill Farming	2023	0970-6429	https://epubs.icar.org.in/index.php/IJHF	http://www.icar.net.in/IAHF/Volume_36%20Issue%20%20December%202023/1..pdf	Yes
Levitation force of Graphene added bulk MgB2 superconductor	D. Tripathi, Ashish Bhatnagar, Shalini Raj, D.K. Rai, T.K. Dev	Department Of Physics	Cryogenics	2023	1879-2235	https://www.sciencedirect.com/journal/cryogenics	https://doi.org/10.1016/j.cryogenics.2021.103343	Yes

New Determination of the $^{12}\text{C}(\alpha, \gamma)^{16}\text{O}$ Reaction Rate and Its Impact on the Black-hole Mass Gap	Yangping Shen, Bing Guo, Richard J. deBoer, Ertao Li, Zhihong Li, Yunju Li, Xiaodong Tang, Danyang Pang, Sucheta Adhikari, Chinmay Basu, Jun Su, Shengquan Yan, Qiwen Fan, Jiancheng Liu, Chen Chen, Zhiyu Han, Xinyue Li, Gang Lian, Tianli Ma, Wei Nan, Weike Nan, Youbao Wang, Sheng Zeng, Hao Zhang, Weiping Liu	Department Of Physics	The Astrophysical Journal	2023	1538-4357	https://iopscience.iop.org/journal/0004-637X	https://iopscience.iop.org/article/10.3847/1538-4357/acb7de/meta	Yes
Photo-Rechargeable Organic-Inorganic Dye-Integrated Polymeric Power Cell with Superior Performance and Durability	Farha Khatun, Pradip Thakur, Arpan Kool, Swagata Roy, Nur Amin Hoque, Prosenjit Biswas, Biswajoy Bagchi, Sukhen Das	Department Of Physics	Langmuir	2019	0743-7463	https://pubs.acs.org/journal/langd5	https://doi.org/10.1021/acs.langmuir.9b00622	Yes

Photo-responsive Schottky diode behavior of a donor-acceptor co-crystal with violet blue light emission	Soumen Singha, Rajkumar Jana, Rituparna Mondal, Partha Pratim Ray, Partha Pratim Bag, Kajal Gupta, Nandan Pakhira, Corrado Rizzoli, Arabinda Mallick, Sanjay Kumar, Rajat Saha	Department Of Physics	CrystEngComm	2021	1466-8033	https://pubs.rsc.org/en/journals/journals/ce#recentarticles	https://doi.org/10.1039/D1CE00020A	Yes
Poly(3,4-ethylenedioxythiophene)-tosylate—Its synthesis, properties and various applications	Shilpa Maity, Salini Datta, Megha Mishra, Shiladitya Banerjee, Sukhen Das, Krishanu Chatterjee	Department Of Physics	Polymers for Advanced Technologies	2020	1042-7147	https://onlinelibrary.wiley.com/journal/10991581	https://doi.org/10.1002/pat.5193	Yes
Polymer chalcogenides—new smart materials for thermoelectric applications	Shilpa Maity, Umme Karnij, Salma Parvin, Sukhen Das, Krishanu Chatterjee	Department Of Physics	Smart Materials and Structures	2022	1361-665X	https://iopscience.iop.org/journal/0964-1726	https://iopscience.iop.org/article/10.1088/1361-665X/ac7595/meta	Yes
Self-charging photo-power cell based on a novel polymer nanocomposite film with high energy density and durability	Swagata Roy, Pradip Thakur, Nur Amin Hoque, Arpan Kool, Farha Khatun, Prosenjit Biswas, Biswajoy Bagchi & Sukhen Das	Department Of Physics	Polymer Journal	2019	0032-3896	https://www.nature.com/pj/	https://doi.org/10.1038/s41428-019-0230-3	Yes

Structural, optical, dielectric and electrical transport properties of a [Mg(H ₂ O) ₆] ²⁺ -templated proton conducting, semiconducting and photoresponsive 3D hydrogen bonded supramolecular framework	Soumen Singha, Bhaskar Khanra, Somen Goswami, Rituparna Mondal, Rajkumar Jana, Arka Dey, Sanjoy Kumar Dey, Partha Pratim Ray, Corrado Rizzoli, Rajat Saha, Sanjay Kumar	Department Of Physics	New Journal of Chemistry	2021	1144-0546	https://pubs.rsc.org/en/journals/journals/issues/nj#!recentarticles&adv	https://doi.org/10.1039/D1NJ04237H	Yes
Synergistic effect of various intermolecular interactions on self-assembly and optoelectronic behaviour in co-crystals/salts of tetrabromoterephthalic acid: A report on their structure, theoretical study and Hirshfeld surface analysis	Soumen Singha, Somen Goswami, Sanjay Kumar Dey, Rajkumar Jana, Parthapratim Ray, Indrajit Saha, Corrado Rizzoli, Parthapratim Bag, Sanjay Kumar and Rajat Saha	Department Of Physics	CrystEngComm	2020	1466-8033	https://pubs.rsc.org/en/journals/journals/issues/ce#!recentarticles	https://doi.org/10.1039/D0CE01102A	Yes
Poly(3,4-ethylenedioxythiophene)-tosylate—Its synthesis, properties and various applications	Shilpa Maity, Salini Datta, Megha Mishra, Shiladitya Banerjee, Sukhen Das, Krishanu Chatterjee	Department Of Chemistry	Polymers for Advanced Technologies	2020	1042-7147	https://onlinelibrary.wiley.com/journal/10991581	https://onlinelibrary.wiley.com/doi/abs/10.1002/pat.5193	Yes
AN OVERVIEW OF EXISTING LITERATURE ON DOCUMENT SKEW DETECTION	BARUN BISWAS, UJJWAL BHATTACHARYA, BIDYUT B CHAUDHURI	Department Of Computer Science And Engineering	Malaysian Journal of Computer Science	2023	0127-9084	https://ejournal.um.edu.my/index.php/MJCS/index	https://doi.org/10.22452/mjcs.vol36no4.5	Yes

A Competitive Analysis Of Top Ten Pharmaceutical Companies In India	Anupam Saha, Arijit Das, Subhasish Dutta, Suprodip Mandal	Department Of Pharmacy	Bionatura	2021	1390-9347	https://bionaturajournal.com/index.html	https://doi.org/10.21931/RB/2021.06.02.30	Yes
An in-vivo interpretation for validating the ameliorative efficacy of green synthesized MnO ₂ nano-conjugate using Carica Papaya (Papaya) leaf extract against acute hepatic damage	Satarupa Bhattacharjee, Munmun Bardhan, Sourav Ghosh, Aniruddha Banerjee, Kunal Pal, Aritra Guha, Dheeraj Mondal, Ruma Basu, Sukhen Das, Sandip Kumar Sinha	Department Of Biotechnology	Journal of Drug Delivery Science and Technology	2021	2588-8943	https://www.sciencedirect.com/journal/journal-of-drug-delivery-science-and-technology	https://doi.org/10.1016/j.jddst.2021.102774	Yes
Designing of an Adipic acid bridged Zn(II) coordination polymer: Synthesis and biological study	Angeera Chandra, Basudeb Dutta, Kunal Pal, Kuladip Jana, Chittranjan Sinha	Department Of Biotechnology	Journal of Molecular Structure	2021	1872-8014	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2021.130923	Yes
Pyrrolo-benzodiazepine fluorophore for trace amount detection of Cu ²⁺ and application in living cells	Arup Kumar Adak, Basudeb Dutta, Sk Asraf Ali, Kunal Pal, Kuladip Jana, Shubhankar Samanta, Chittaranjan Sinha	Department Of Biotechnology	Journal of the Indian Chemical Society	2021	2667-2847	https://www.sciencedirect.com/journal/journal-of-the-indian-chemical-society	https://doi.org/10.1016/j.jics.2021.100085	Yes
Glucanoacetobacter kombuchae (RG3T), a novel bacteria for AgNPs biosynthesis: Characterization and comprehensive evaluation of bioactivity	Jhilam Majumder, Kunal Pal, Writachit Chakraborty, Parimal Karmakar, Ratan Gachhui	Department Of Biotechnology	Materials Today Communications	2022	2352-4928	https://www.sciencedirect.com/journal/materials-today-communications	https://doi.org/10.1016/j.mtcomm.2022.104410	Yes

Augmenting Neuromuscular Disease Detection Using Optimally Parameterized Weighted Visibility Graph	Rohit Bose, Kaniska Samanta, Sudip Modak, Soumya Chatterjee	Department Of Electrical Engineering	IEEE Journal of Biomedical and Health Informatics	2020	2168-2208	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=6221020	https://doi.org/10.1109/JBHI.2020.3001877	Yes
Cross Spectrum Aided Deep Feature Extraction Based Neuromuscular Disease Detection Framework	Sayanjit Singha Roy, Kaniska Samanta, Sudip Modak, Soumya Chatterjee, Rohit Bose	Department Of Electrical Engineering	IEEE Sensors Letters	2020	2475-1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7782634	https://doi.org/10.1109/LENS.2020.2992452	Yes
Sensing Wettability Condition of Insulation Surface Employing Convolutional Neural Network	Soumya Chatterjee, Sayanjit Singha Roy, Kaniska Samanta, Sudip Modak	Department Of Electrical Engineering	IEEE Sensors Letters	2020	2475-1472	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu_number=7782634	https://doi.org/10.1109/LENS.2020.3002991	Yes
Efficacy of novel water-absorbing polymer amended soil for improving drought resilience of Solanum lycopersicum	Bharat Rattan, Abhisekh Saha, Sanandam Bordoloi, Ankit Garg, Lingaraj Sahoo, S. Sekharran	Department Of Civil Engineering	Soil Science Society of America Journal	2022	0361-5995	https://acsess.onlinelibrary.wiley.com/journal/14350661	https://doi.org/10.1002/saj2.20480	Yes
A New Method for Detecting Altered Text in Document Images	Lokesh Nandanwar, Palaiahnakote Shivakumara, Umapada Pal, Tong Lu, Daniel Lopresti, Bhagesh Seraogi, and Bidyut B. Chaudhuri	Department Of Computer Science And Engineering	International Journal of Pattern Recognition and Artificial Intelligence	2021	0218-0014	https://www.worldscientific.com/	https://doi.org/10.1142/S0218001421600107	Yes
Mind-Machine Interface: Its Implementation and Applications in Real Field	Paramita Sen, Asit Baran Bhattacharya	Department Of Mechanical Engineering	SCIENCE AND CULTURE	2019	0036-8156	https://scienceandculture.isna.org/home	http://dx.doi.org/10.36094/sc.v85.2019.MindMachineInterface.Sen.390	Yes

Increasing disease resistance in host plants through genome editing	Aritra Karmakar, Syeda Taufiq, Mirza J. Baig & Kutubuddin A. Molla	Department Of Microbiology	Proceedings of the Indian National Science Academy	2022	2454-9983	https://link.springer.com/journal/43538	https://doi.org/10.1007/s43538-022-00100-6	Yes
Mind-Machine Interface: Its Implementation and Applications in Real Field	Paramita Sen, Asit Baran Bhattacharya	Department Of Electronics And Communication Engineering	SCIENCE AND CULTURE	2019	0036-8156	https://scienceandculture.isna.org/home	https://scienceandculture.isna.org/uploads/latestIssue/00_contents27.pdf	Yes