

Publication Data 2023-24

SNo.	Name of Faculty/Scientist	Title of paper	Research Level	Date of Publication	Name of Publisher	Link of the recognition in UGC
1	Ravi Kant Singh	Genome-wide Identification, characterization, and primer designing of simple sequence repeats across Leguminosae family	International	28-07-2023	Springer Link	https://doi.org/10.1007/s13205-023-03706-9
2	Ajay Kumar	Algae Polysaccharides (Carrageenan and Alginate)â€™A Treasure-Trove of Antiviral Compounds: An In Silico Approach to Identify Potential Candidates for Inhibition of S1-RBD Spike Protein of SARS-CoV2	International	31-07-2023	MDPI	https://doi.org/10.3390/stresses3030039
3	Gayatri Sharma	X-ray and MR Contrast Bearing Nanoparticles Enhance the Therapeutic Response of Image-Guided Radiation Therapy for Oral Cancer	International	19-07-2023	Saga Journal	https://doi.org/10.1177/15330338231189593
4	Debarati Paul	Novel Microbial Signatures in the Faecal Microbiome Associated with Severe Alcoholic Hepatitis:Â Bacteroides FinegoldiiÂ andÂ Veillonella Dispar	International	03-09-2023	BENTHAM Â Open	http://dx.doi.org/10.2174/18742858-v17-e230803-2023-7
5	Ajay Kumar	Salinity-Induced Physiochemical Alterations to Enhance Lipid Content in Oleaginous Microalgae Scenedesmus sp. BHU1 via Two-Stage Cultivation for Biodiesel Paradigm of Well-	International	11-08-2023	MDPI	https://doi.org/10.3390/microorganisms11082064
6	Ajay Kumar	Orchestrated Pharmacokinetic Properties of Curcuminoids Relative to Conventional Drugs for the Inactivation of SARS-CoV-2 Receptors: An In Silico Approach	International	30-08-2023	MDPI	https://doi.org/10.3390/stresses3030043

7	Deepshikha Katara	The Connection between Chronic Liver Damage and Sporadic Alzheimer's Disease: Evidence and Insights from a Rat	International	29-09-2023	MDPI	https://doi.org/10.3390/brainsci13101391
8	Ajay Kumar	Promoting plant resilience against stress by engineering root microenvironment with Streptomyces inoculants	International	29-09-2023	Elsevier	https://doi.org/10.1016/j.micres.2023.127509
9	Ajay Kumar	Advancement of Abiotic Stresses for Microalgal Lipid Production and Its Bioprospecting into Sustainable Biofuels	International	13-09-2023	MDPI	https://doi.org/10.3390/su151813678
10	Ajay Kumar	Rhizobiome Transplantation: A Novel Strategy beyond Single-Strain/Consortium Inoculation for Crop Improvement	International	11-09-2023	MDPI	https://doi.org/10.3390/plants12183226
11	Nidhee Chaudhary	Characterization of stress-induced changes in morphological, physiological and biochemical properties of Indian bread wheat (<i>Triticum aestivum</i> L.) under deficit irrigation.	International	04-08-2023	Springer	https://doi.org/10.1007/s10722-023-01693-7 .
12	Nidhee Chaudhary	In-silico characterization of a drought stress related WRKY2 transcription factor in a wheat crop (<i>Triticum aestivum</i> L.): Study of its physico-chemical properties and structural	International	17-08-2023	Springer	https://doi.org/10.1007/s10722-023-01706-5
13	Biswajit Saha	Comparing Pharmacological Potential of Freshwater Microalgae Carotenoids Towards Antioxidant and Anti-proliferative Activity on Liver Cancer (HUH7) Cell Line	International	18-08-2023	Springer	https://doi.org/10.1007/s12010-023-04635-2

14	Kumud Bala	Effective Seed Cake Extract of <i>O. sanctum</i> inducing the p53 Dependent Apoptotic Pathway in Oral Cancer Cells	International	12-10-2023	Taylor & Francis	https://doi.org/10.1080/03639045.2023.2270063
15	Kumud Bala	Novel biogenic silver nanoconjugates of <i>Abrus precatorius</i> seed extracts and their antiproliferative and antiangiogenic efficacies	International	16-10-2023	Springer Nature	https://doi.org/10.1038/s41598-023-44725-z
16	Kumud Bala	Assessing the potential of rosary pea (<i>Abrus precatorius</i> L.) derived aqueous seed extracts as anticancer agents and their phytoconstituents as COX-2 inhibitor: an in-vitro and in-silico approach	International	30-08-2023	Taylor & Francis	https://doi.org/10.1080/07391102.2023.2251053
17	Mahjabin	EFFECT OF SEED AGEING ON BIOCHEMICAL COMPOSITION OF RICE VARIETIES	International	01-10-2023	BPAS Publisher	https://doi.org/10.31032/IJBPAAS/2023/12.10.7480
18	Mahjabin	Nitrogen Use Efficiency: A Comprehensive Review on Cereals with its Scope of Improvement	International	10-10-2023	Open Excess	https://www.eurchembull.com/uploads/paper/64e389b0770e1d6b803d09c702fed3aa.pdf
19	Sarika Saxena	Identification of G4 motifs of various stem cell markers and their biophysical and biochemical characterization	International	14-10-2023	Taylor & Francis	https://doi.org/10.1080/07391102.2023.2259478
20	Soom Raina	Ajay Kumar Parida (1963–2022), an eminent plant biotechnologist with a passion for mangrove biology	International	11-09-2023	Springer	https://doi.org/10.1007/s12298-023-01348-y
21	Ravi Kant Singh	Green Synthesized Nanoparticle-Based Drug Delivery: Recent Trends and Future Prospects	International	19-10-2023	Andover House, Andover, MA USA	https://doi.org/10.33218/001c.89165

22	Arindam Pramanik	Recent developments in photodynamic therapy and its application against multidrug resistant cancers	International	24-10-2023	IOP Publishing	Amity University Uttar Pradesh, Noida
23	Arindam Pramanik	Photoactive imaging and therapy for colorectal cancer using a CEA-Affimer conjugated Foslip nanoparticle	International	31-10-2023	Royal Society of Chemistry	https://doi.org/10.1039/D3NR04118B
24	Nahid Siddiqui	Enzyme targeted delivery of sivelestat loaded nanomicelle inhibits arthritic severity in experimental arthritis	International	31-10-2023	Elsevier	https://doi.org/10.1016/j.lfs.2023.122206
25	V. Pooja	Liver Extracellular Matrix-Based Nanofiber Scaffolds for the Culture of Primary Hepatocytes and Drug Screening	International	17-10-2023	American Chemical Society	10.1021/acsbiomaterials.3c01216
26	Ajay Kumar	Enhancing Biocrust Development and Plant Growth through Inoculation of Desiccation-Tolerant Cyanobacteria in Different Textured Soils	International	07-10-2023	MDPI	https://doi.org/10.3390/microorganisms11102507
27	Ajay Kumar	Deciphering the antifungal and plant growth-stimulating traits of the stress-tolerant Streptomyces achromogenes subsp. achromogenes strain UMAF16, a bacterium isolated from soils affected by underground	International	03-10-2023	Elsevier	https://doi.org/10.1016/j.bcab.2023.102859
28	Puniti Mathur	A systematic pipeline of protein structure selection for computer-aided drug discovery: A case study on T790M/L858R mutant EGFR structures	International	01-10-2023	Wiley	https://doi.org/10.1002/pro.4740
29	Devlina Pramanik	Application of sonicated chitosan for the remediation of vat dye bath wash: optimization studies using Box-Behnken model	International	30-10-2023	Springer	10.1007/s13762-023-05264-2

30	Nahid Siddiqui	Assessment and identification of bioactive metabolites from terrestrial <i>Lyngbya</i> spp. responsible for antioxidant, antifungal, and anticancer activities	International	09-09-2023	Springer	https://doi.org/10.1007/s42770-023-01111-1
31	Nahid Siddiqui	Highly Biocompatible Smart Injectable Hydrogel for the Management of Rheumatoid Arthritis	International	18-08-2023	ACS publications	https://doi.org/10.1021/acsbio materials.3c00514
32	Nahid Siddiqui	Colon-Adhering Delivery System with Inflammation Responsiveness for Localized Therapy of Experimental Colitis	International	27-07-2023	ACS publications	https://doi.org/10.1021/acsbio materials.3c00480
33	Soom Raina	Bringing to a light the preponderance and origin of spontaneous triploid cytotypes in <i>Tinospora cordifolia</i> : implications for genetic improvement	International	07-10-2023	Springer	https://doi.org/10.1007/s13237-023-00437-3
34	Soom Raina	Traditional uses, Phytochemistry, Pharmacology, and Toxicology of the Genus <i>Artemisia</i> L. (Asteraceae): A High-value Medicinal Plant	International	27-09-2023	Bentham Science Publishers	DOI: 10.2174/1568026623666230914104141
35	Debarati Paul	Unlocking the power of synergy: Cosubstrate and coculture fermentation for enhanced biomethane production	International	17-11-2023	Elsevier	https://doi.org/10.1016/j.biom bioe.2023.106996
36	Ajay Kumar	From Concept to Reality: Transforming Agriculture through Innovative Rhizosphere Engineering for Plant Health and Productivity.	International	19-11-2023	Elsevier	https://doi.org/10.1016/j.micr es.2023.127553
37	Ajay Kumar	Revealing the Seed Microbiome: Navigating Sequencing Tools, Microbial Assembly, and Functions to Amplify Plant Fitness.	International	19-11-2023	Elsevier	https://doi.org/10.1016/j.micr es.2023.127549

38	Ajay Kumar	Isolation and Phenotypic Microarray Profiling of Different Pseudomonas Strains Isolated from the Rhizosphere of Curcuma longa L.	International	13-11-2023	MDPI	https://doi.org/10.3390/stresses3040051
39	Arindam Pramanik	Synthesis, antimicrobial, anticancer evaluation and molecular docking with Bax and MDM2 of dibromosterculic acid	International	26-12-2023	Taylor & Francis	https://doi.org/10.1080/14786419.2023.2294107
40	Debarati Paul	Recent advances in the detection of food toxins using mass spectrometry	International	07-12-2023	ACS Publications	https://doi.org/10.1021/acs.chemrestox.3c00241
41	Rajpal Srivastav	Deciphering the molecular functionality of Cdc45 in replisomal complex	International	18-01-2024	Elsevier	https://doi.org/10.1016/j.bbrep.2024.101643
42	Rajeev Kumar	Morpho-physiological and metabolites alteration in the susceptible and tolerant genotypes of sesame under waterlogging stress and post-	International	25-01-2024	Elsevier	Elsevier
43	Ajay Kumar	Harnessing fungal bio-electricity: a promising path to a cleaner environment	International	30-01-2024	Frontiers	https://doi.org/10.3389/fmicb.2023.1291904
44	Ravi Kant Singh	Optimization of process parameters using response surface methodology (RSM) for laccase enzyme production using Aspergillus nidulans in solid state fermentation utilizing agro-industrial waste	International	10-01-2024	ScienceIN	https://pubs.thesciencein.org/journal/index.php/jist/article/view/a777/500
45	Puniti Mathur	Machine Learning, Molecular Docking, and Dynamics-Based Computational Identification of Potential Inhibitors against Lung Cancer	International	17-01-2024	ACS Publications	https://doi.org/10.1021/acsomega.3c07338

46	Ajay Kumar	Decoding seasonal changes: soil parameters and microbial communities in tropical dry deciduous forests	International	19-02-2024	Frontiers	https://doi.org/10.3389/fmicb.2024.1258934
47	Susmita Shukla	Impact of sterilant on in vitro seed germination of citrus macroptera montr.: An important measure	National	01-12-2023	Indian Journal of Agricultural Biochemistry	https://doi.org/10.5958/0974-4479.2023.00029.1
48	Arindam Pramanik	Talinflumate as a potential supplement in breast cancer treatment?	International	01-02-2024	Elsevier Inc.	https://doi.org/10.1016/j.ejso.2023.107569
49	Kirti Sharma	Green synthesis of silver nitrate (AgNO ₃) mediated herbal antimicrobial aqueous extracts of Ocimum basilicum (Basil Leaves)	National	26-12-2023	Innovative Publication	http://doi.org/10.18231/j.ijcaap.2023.038
50	Sudeep Bose	Molecular interaction of quercetin and its derivatives against nucleolin in breast cancer: An in-silico and in-vitro study	International	28-02-2024	Taylor and Francis	https://doi.org/10.1080/07391102.2024.2326668
51	Priyanka Chhabra	Encapsulated iodine-chitosan graphene oxide nanocomposite: fabrication and evaluation for antibacterial activity	International	18-03-2024	taylor and francis	https://doi.org/10.1080/25740881.2024.2325424
52	Rajpal Srivastav	Unwinding Helicase MCM Functionality for Diagnosis and Therapeutics of Replication Abnormalities	International	26-03-2024	Springer	https://doi.org/10.1007/s40291-024-00701-5
53	Ajay Kumar	Salicylic acid (SA)-mediated plant immunity against biotic stresses: An insight on molecular components and signaling mechanism	International	09-03-2024	Elsevier	https://doi.org/10.1016/j.stress.2024.100427
54	Ajay Kumar	Rice False Smut Pathogen: Implications for Mycotoxin Contamination, Current Status and Future Perspectives	International	20-03-2024	Frontiers	https://doi.org/10.3389/fmicb.2024.1344831

55	Ajay Kumar	Microbial contribution to the carbon flux in the soil: A literature review	International	25-03-2024	RBCS	DOI: 10.36783/18069657rbc20230065
56	Deepshikha Katare	Chemical profiling of endangered Citrus macroptera leaf extracts and evaluation of its cytotoxic activity	International	01-04-2024	Horizon e-Publishing group	https://doi.org/10.14719/pst.3044
57	Deepshikha Katare	Foresee novel targets for Alzheimer's disease by investigating repurposed drugs	International	01-10-2023	Bentham Science	https://doi.org/10.2174/1871527321666220622162622
58	Deepshikha Katare	Analysis of Inhibition Potential of Nimbin and its Analogs against NF- κ B Subunits p50 and p65: A Molecular Docking and Molecular Dynamics Study	International	01-02-2024	Bentham Science	https://doi.org/10.2174/1871520623666230908101204
59	Girish Sharma	2/1 dose schedule of sunitinib is superior than the 4/2 regimen for the first-line therapy of clear cell metastatic renal cell carcinoma – An Indian experience	International	10-01-2024	Wolters Kluwer – Medknow	https://doi.org/10.4103/ijc.IJC_1284_20
60	Girish Sharma	Classical properties of skew Hurwitz series	International	01-12-2023	University of Guilan	https://doi.org/10.22124/jart.2023.23391.1469
61	Girish Sharma	Sādhya's modification of Winter's shunt technique for orpianism	International	01-01-2024	Wolters Kluwer – Medknow	10.4103/iju.iju_407_23
62	Girish Sharma	Buccal mucosal graft ureteroplasty: The new normal in ureteric reconstructive surgery – Our initial experience with the laparoscopic and robotic approaches	International	19-01-2024	Wolters Kluwer – Medknow	10.4103/jmas.jmas_165_23
63	Nidhee Chaudhary	Bioindustrial applications of thermostable Endoglucanase purified from <i>Trichoderma viride</i> towards the conversion of aerowastes to value-	International	05-07-2023	Elsevier	https://doi.org/10.1016/j.pep.2023.106324

64	Nidhee Chaudhary	In-silico characterization of drought stress related WRKY2 transcription factor in wheat crop (<i>Triticum aestivum</i> L.): study of its physico-chemical properties and structural	International	17-08-2023	Springer	https://doi.org/10.1007/s10722-023-01706-5
65	Nidhee Chaudhary	Characterization of stress-induced changes in morphological, physiological and biochemical properties of Indian bread wheat (<i>Triticum aestivum</i> L.) under deficit irrigation	International	04-08-2023	Springer	https://doi.org/10.1007/s10722-023-01693-7
66	V. Pooja	cyp51A mutations, protein modeling, and efflux pump gene expression reveals multifactorial complexity towards understanding <i>Aspergillus</i> section <i>Nieri</i>	International	14-03-2024	Nature	https://doi.org/10.1038/s41598-024-55237-9
67	V. Pooja	Unveiling the cell wall-targeting mechanisms and multifaceted virulence modulation by a eugenol glycoconjugate against <i>Aspergillus fumigatus</i> : insights from in vitro and	International	11-01-2024	Oxford Academic	https://doi.org/10.1093/jambio/txae009
68	Shoma Nandi	Behavioral dualism of endophytes in plant-microbe interaction and their diverse applications: a review	International	01-07-2023	Slovak University of Agriculture	https://digitallibrary.aau.ac.ae/handle/123456789/1262
69	Soom Raina	Ajay Kumar Parida (1963–2022), an eminent plant biotechnologist with a passion for mangrove biology	International	01-08-2023	Springer	https://link.springer.com/article/10.1007/s12298-023-01348-y
70	Soom Raina	Phytotherapeutics in Cancer: From Potential Drug Candidates to Clinical Translation.	International	25-01-2024	1873-4294	https://doi.org/10.2174/0115680266282518231231075311

71	Soom Raina	Modulation of terpenoid indole alkaloid pathway via elicitation with phytothesized silver nanoparticles for the enhancement of ajmalicine, a pharmaceutically important alkaloid		0	27-12-2023	Springer	https://doi.org/10.1007/s00425-023-04311-z
72	Soom Raina	Phytochemicals for Human Health: The Emerging Trends and Prospects	International		26-02-2024	Bentham Science Publishers Ltd	https://doi.org/10.2174/156802662404240226094145
73	Rachana Singh	Sugeno fuzzy inference system modeling and DFT calculations for the treatment of pesticide-laden water by newly developed arginine functionalized magnetic Mn-based metal organic framework	International		01-12-2023	Springer	https://doi.org/10.1007/s11356-023-30944-4
74	Rachana Singh	Novel acoustic-activated alkali-functionalized Trapa bispinosa peel biochar for green immobilization of chlorpyrifos from wastewater: artificial intelligence modelling and experimental validation	International		01-03-2024	Sringer	https://doi.org/10.1007/s13399-022-02898-z
75	Archana Tiwari	Sustainable mixotrophic microalgae refinery of astaxanthin and lipid from Chlorella zoofingensis	International		01-11-2023	ELSEVIER	http://dx.doi.org/10.1016/j.biortech.2023.129635
76	Archana Tiwari	New perspectives of omega-3 fatty acids from diatoms.	International		02-09-2023	SPRINGER	http://dx.doi.org/10.1007/s43393-023-00202-2
77	Archana Tiwari	Bacterial nanocellulose: Optimized synthesis and biomedical applications	International		01-12-2023	ELSEVIER	http://dx.doi.org/10.1016/j.indcrop.2023.117589
78	Archana Tiwari	Study of the polysaccharide production by the microalgae C-1509 Nannochloris sp.	International		01-12-2023	ELSEVIER	http://dx.doi.org/10.1016/j.btre.2023.e00818
79	Archana Tiwari	Towards sustainable diatom biorefinery: Recent trends in cultivation and applications	International		01-12-2023	ELSEVIER	http://dx.doi.org/10.1016/j.biortech.2023.129905

80	Archana Tiwari	Response of varying combined nutrients on biomass and biochemical composition of marine diatom <i>Chaetoceros gracilis</i> and <i>Thalassiosira weissflogii</i>	International	01-12-2023	Elsevier	http://dx.doi.org/10.1016/j.biortech.2023.130274
81	Archana Tiwari	Response of varying combined nutrients on biomass and biochemical composition of marine diatoms <i>Chaetoceros gracilis</i> and <i>Thalassiosira weissflogii</i>	International	01-01-2024	ELSEVIER	http://dx.doi.org/10.1016/j.biortech.2023.130275
82	Archana Tiwari	Sustainable strategy for enhancing growth of marine diatom and lipid production using RO and AC spent water	International	01-03-2024	Springer	https://doi.org/10.1007/s43393-024-00242-2
83	Archana Tiwari	Diatom-assisted aquaculture: Paving the way towards sustainable economy.	International	01-01-2024	WILEY ONLINE LIBRARY	doi:10.1111/raq.12848
84	Archana Tiwari	Role of calcium nutrition in plant Physiology: Advances in research and insights into acidic soil conditions - A comprehensive review	International	01-04-2024	Science Direct	https://doi.org/10.1016/j.plaphy.2024.108602
85	Archana Tiwari	Application of algae for enhanced plant growth and food productivity.	International	01-02-2024	Springer	https://doi.org/10.1007/s43393-024-00233-3
86	Deepak Ganjewala	" Screening of Microorganisms Capable of Biotransforming Certain Monoterpenes Using Substrate Toxicity Test "	International	28-02-2024	JPAM	10.22207/JPAM.18.1.33
87	Deepak Ganjewala	An update on the emerging neuroprotective potential of <i>Moringa oleifera</i> and its prospects in complimentary Cellular Interactions	International	11-02-2024	Elsevier	https://doi.org/10.1016/j.phyplu.2024.100532
88	Sudeep Bose	Network in Cancer: Integrative Disease Models	International	17-08-2023	Springer	https://doi.org/10.1007/978-981-99-2196-6_43-1

89	Sudeep Bose	Development of an affordable microRNA electrochemical biosensor for identification and monitoring of obstructive sleep apnea and its associated	International	25-07-2023	Elsevier	https://doi.org/10.1016/j.snb.2023.134349
90	Sudeep Bose	Technological evolution in cancer diagnosis and therapeutics	International	24-11-2023	Academic Press	https://doi.org/10.1016/B978-0-323-95116-6.00018-9
91	Sudeep Bose	Molecular interaction of quercetin and its derivatives against nucleolin in breast cancer: An in-silico and in-vitro study	International	11-03-2024	Taylor & Francis	https://doi.org/10.1080/07391102.2024.2326668
92	Other Biswajit Saha	Inhibition of cancer cells by Quinoline-Based compounds: A review with mechanistic insights	International	12-03-2024	Elsevier	https://doi.org/10.1016/j.bmc.2024.117681
93	Kamal Rawal	In silico Determination of Host-Viral Interaction of Apoptotic Mimicry Pathway Proteins During Hepatitis B Viral Pathogenesis	International	31-07-2023	Universitas Gadjah Mada, Faculty of Biology	https://doi.org/10.22146/jtbb.72578
94	Kamal Rawal	Identification and characterization of mobile genetic elements in high-throughput sequencing data using a computational approach	International	01-09-2023	AIP Publishing	https://doi.org/10.1063/5.0148307
95	Kamal Rawal	AI-based pipeline for early screening of lung cancer: integrating radiology, clinical, and genomics data	International	14-02-2024	Elsevier	https://doi.org/10.1016/j.lansea.2024.100352
96	Aruna Kumar	Wheat BREVIS RADIX (BRX) regulates organ size, stomatal density and enhances drought tolerance in Arabidopsis	International	15-03-2024	ELSEVIER, Amsterdam, Netherland	https://doi.org/10.1016/j.plaphy.2024.108500
97	Kirti Sharma	Ocimum Basilicum (basil/tulsi): a herbal sustainable treasure and its therapeutic potency	International	23-04-2024	MedCrave	DOI: 10.15406/jbmoa.2024.12.00370

98	Nahid Siddiqui	Allele mining for Granule Bound Starch Synthase1 (GBSS1) gene governing amylose content in aromatic rice (Oryza sativa L.) germplasm	International	10-04-2024	Indian society of Genetics and Plant Breeding	https://www.isgpb.org/journal/index.php/IJGPB/article/view/4055
99	Ajay Kumar	Yeast-Based Solutions in Controlling Plant Pathogens	International	30-04-2024	Elsevier	https://doi.org/10.1016/j.bcab.2024.103199
100	Arindam Pramanik	Liposomes to cubosomes: The evolution of lipidic nanocarriers and their cutting-edge biomedical applications	International	14-04-2024	Americal Chemical Society	https://doi.org/10.1021/acsabm.4c00153
101	Archana Tiwari	Managing municipal wastewater remediation employing alginate-immobilized marine diatoms and silver nanoparticles	International	01-04-2024	Sage Journals	10.1177/0958305X241246185
102	Navkiran Kaur	Single-cell RNA transcriptomics of peripheral blood mononuclear cells revealed altered gene expressions in monocyte and HLA variations in decompensated liver cirrhosis patients with sepsis	International	01-07-2023	Science Direct	http://dx.doi.org/10.1016/S0168-8278(23)00764-X
103	Navkiran Kaur	Sacituzumab Govitecan as a Second-Line Treatment in Relapsed/Refractory Metastatic Triple-Negative Breast Cancer Patients: A Systematic Review and Meta-	International	01-01-2024	SAGE Publications	https://doi.org/10.1177/10600280231164110
104	Praveen Dahiya	Navigating the Post-COVID-19 Immunological Era: Understanding Long COVID-19 and Immune Response	International	26-10-2023	MDPI	https://doi.org/10.3390/life13112121
105	Praveen Dahiya	Chapter ElevenA - Contamination removal from waste water using electrochemical approaches	International	09-04-2024	Elsevier	https://doi.org/10.1016/bs.apmp.2023.08.004

106	Praveen Dahiya	Green synthesis of iron-alginate nanoparticle for Taguchi-assisted immobilization of <i>Candida rugosa</i> lipase and its application in the synthesis of butyl butyrate ester	International	04-01-2024	Elsevier	https://doi.org/10.1016/j.proc bio.2024.01.031
107	Subhasha Nigam	Recent advances of nanomaterials for non-steroidal anti-inflammatory drugs removal from wastewater: a critical review	International	08-01-2024	Springer	https://doi.org/10.1007/s10098-023-02701-1
108	Debarati Paul	Novel Microbial Signatures in the Faecal Microbiome Associated with Severe Alcoholic Hepatitis: <i>Bacteroides Finegoldii</i> and <i>Vellonella Dispar</i>	International	08-03-2023	Bentham Science	10.2174/18742858-v17-e230803-2023-7
109	Debarati Paul	Yeast-Mediated Biomass Valorization for Biofuel Production: A Literature Review	International	24-08-2023	MDPI	https://doi.org/10.3390/fermentation9090784
110	Madhumita Ghosh	Trolox aids coenzyme Q10 in neuroprotection against NMDA induced damage via upregulation of VEGF in rat model of glutamate excitotoxicity	International	04-12-2023	Elsevier	https://doi.org/10.1016/j.exer.2023.109740
111	Manoranjan Nayak	Hydrothermal liquefaction of freshwater microalgae biomass using Fe ₃ O ₄ nanoparticle as a catalyst	International	16-11-2023	Taylor and Francis online	https://doi.org/10.1080/15567036.2023.2277892
112	Rachana Sahney	Preparation and characterization of stable biopolymer-based nanogel for studying its application in immobilization of <i>Candida rugosa</i> lipase	International	06-10-2023	Springer	https://doi.org/10.1007/s00289-023-05009-8

113	Riti Kapoor	Treatment of Direct Red 28 Dye through Phoenix dactylifera L. Fruit Seed Biochar: Equilibrium, Kinetics, Thermodynamics, and Strigolactones in Plants.	International	25-10-2023	MDPI	https://doi.org/10.3390/su152115266
114	Riti Kapoor	From Development to Abiotic Stress Management	International	17-11-2023	Springer link	https://doi.org/10.1007/s00344-023-11148-z
115	Riti Kapoor	Nitric oxide and hydrogen sulfide alleviates salt incited oxidative stress in Coriandrum sativum L.	International	22-10-2023	Elsevier	https://doi.org/10.1016/j.jksus.2023.102966
116	Subhasha Nigam	Influenza vaccine : a review on current scenario and future prospects	International	01-12-2023	Elsevier	10.1186/s43141-023-00581-y
117	Subhasha Nigam	Antioxidant Activity of Pot Marigold (Calendula officinalis L.) in Response to Metal(loid) Induced Oxidative Stress from Fly Ash Amended Soil	International	30-07-2023	Springer link	https://doi.org/10.1007/s00344-023-10977-2
118	Abhishek Sengupta	Precision at its Core: Machine Learning-Infused Metabolomics Model for Preterm Birth Prediction in Human	International	23-11-2023	IEEE	https://doi.org/10.1109/ICCCNT56998.2023.10307581
119	Abhishek Sengupta	Metagenomic investigation of 16S rRNA marker gene samples to analyze the role of race, ethnicity, and location in preterm birth: A comprehensive vaginal microbiome	International	01-02-2024	Elsevier	https://doi.org/10.1016/j.humgen.2024.201260
120	Archana	Assessment of Neem (Azadirachta Indica) and Lemongrass (Cymbopogon citratus) Extracts on Meloidoxynne incognita	International	25-09-2023	Indian Ecological Society	http://dx.doi.org/10.55362/IJE/2023/3872
121	Gayatri Sharma	Whole genome-scale assessment of gene fitness of Novosphingobium aromaticavorans durin g spaceflight	International	06-12-2023	BMC Genomics	https://doi.org/10.1186/s12864-023-09799-z

122	Hina Bansal	Genome-wide association studies for earliness, MYMIV resistance, and other associated traits in mungbean (<i>Vigna radiata</i> L. Wilczek) using genotyping by sequencing approach	International	26-01-2024	PeerJ Hubs	https://doi.org/10.7717/peerj.16653
123	Nahid Siddiqui	a-Terpineol Mitigates Dextran Sulfate Sodium-Induced Colitis in Rats by Attenuating Inflammation and Apoptosis	International	01-08-2023	ACS Publications	https://doi.org/10.1021/acsomega.3c04317
124	Nahid Siddiqui	Highly Biocompatible Smart Injectable Hydrogel for the Management of Rheumatoid Arthritis	International	18-12-2023	ACS Publications	https://doi.org/10.1021/acsbio materials.3c00514
125	Nahid Siddiqui	Development and evaluation of simple PCR and nested PCR for rapid detection of clarithromycin resistant <i>Helicobacter pylori</i> from culture and directly from the biopsy samples in india	International	09-09-2023	SpringerLink	https://doi.org/10.1007/s42770-023-01111-1
126	Rajashree Das	Crosstalk between <i>Helicobacter pylori</i> and gastrointestinal microbiota in various gastroduodenal diseases—A systematic review	International	14-08-2023	Springer	https://doi.org/10.1007/s13205-023-03734-5
127	Rajashree Das	Primary antibiotic resistance of <i>Helicobacter pylori</i> in India over the past two decades: A systematic review	International	28-02-2024	John Wiley & Sons Ltd	https://doi.org/10.1111/hel.13057
128	Ritu Chauhan	The impact of geopolitical socio-economic factors on vaccine dissemination trends: a case-study on COVID-19 vaccination strategies	International	02-11-2023	BMC Public Health	https://doi.org/10.1186/s12889-023-17000-z
129	Ritu Chauhan	Imprinting and Reproductive Health: A Toxicological Perspective	International	21-11-2023	MDPI	https://doi.org/10.3390/ijms242316559

130	Ritu Chauhan	Speculation of Stock Marketing Using Advanced Recursive Techniques	International	01-01-2024	IGI Global	http://doi.org/10.4018/IJBDC.N.339890
131	Ritu Chauhan	Automatic label curation from large-scale text corpus	International	27-02-2024	IOP Science	https://dx.doi.org/10.1088/2631-8695/ad299e
132	Ritu Chauhan	Predictive modeling and web-based tool for cervical cancer risk assessment: A comparative study of machine learning models	International	15-03-2024	Elsevier	https://doi.org/10.1016/j.mex.2024.102653
133	Ritu Chauhan	Cyber awareness among smart device users: an active, educational display of IoT device vendors compromise history	International	01-11-2023	Springer	https://doi.org/10.1007/s11042-023-17520-1
134	Seneha Santoshi	Translational and structural vaccinomics approach to design a multi-epitope vaccine against NOL4 autologous antigen of small cell lung cancer	International	06-07-2023	Springer Link	https://doi.org/10.1007/s12026-023-09404-1
135	Susmita Shukla	methods of genetic transformation : Major emphasis to Crop plants	International	04-12-2023	Faculty of Biotechnology and Food Sciences (Slovak University of	https://doi.org/10.55251/jmbfs.10276
136	Susmita Shukla	Secondary Metabolite Enhancement Via in Vitro Techniques and its industrial process	International	22-11-2023	Springer	https://doi.org/10.1007/978-981-99-4939-7_14
137	Susmita Shukla	Impact of photoperiodism on in vitro propagation of Indigenous Musa	International	01-04-2024	International Journal of Horticultural Science and	10.22059/ijhst.2023.358103.634
138	Tanu Allen	Biobased treatment and resource recovery from slaughterhouse wastewater via reutilization and recycling for sustainable waste approach	International	01-02-2024	Elsevier	Elsevier

139	Patel Haribhai	Understanding the feasibility of chemotherapeutic and immunotherapeutic targets against non-small cell lung cancers: an update of resistant responses and recent combinatorial therapies	International	10-10-2023	Open Exploration	https://doi.org/10.37349%2Ftat.2023.00171
140	Rajashree Das	Antibiotic susceptibility pattern of Helicobacter pylori against eight antibiotics: A study from North India	International	06-05-2024	Wiley	https://doi.org/10.1111/hel.13093
141	Rajashree Das	Molecular characterization and phylogenetic analysis of babA gene of Helicobacter pylori isolated from Indian patients with gastrointestinal diseases	International	03-05-2024	Elsevier	https://doi.org/10.1016/j.gene.2024.148526
142	Rajashree Das	Low abundance of healthy bacteria in the gastric microbiota can be a potential biomarker for gastrointestinal diseases: A pilot study	National	04-04-2024	wolters kluwer	https://doi.org/10.4103%2Fijmr.ijmr_864_23
143	Rajashree Das	Primary antibiotic resistance of Helicobacter pylori in India over the past two decades: A systematic review	International	28-02-2024	wiley	https://doi.org/10.1111/hel.13057
144	Rajashree Das	Gastritis in Northeast India and North India: A Regional Comparison of Prevalence and Associated Risk Factors	International	22-03-2024	wolters kluwer	https://doi.org/10.4103/bbrj.bbrj_41_24
145	Ravi Kant Singh	"A Comprehensive Review of Microplastic Pollution in South Asian Freshwater Environments"	International	01-05-2024	Iranian Medical Science	https://www.jchr.org/index.php/JCHR/article/view/4458#:~:text=While%20the%20global%20discourse%20on,

146	Rachana Singh	Enhanced adsorption of Bismark Brown R dye by chitosan conjugated magnetic pectin loaded filter mud: A comprehensive study on modeling and mechanisms	International	01-06-2024	Elsevier	https://www.sciencedirect.com/science/article/pii/S0141813024027922
147	Rachana Singh	Micro and nanoplastics pollution: sources, distribution, uptake in plants, toxicological effects, and innovative remediation strategies for environmental sustainability	International	05-06-2024	Elsevier	https://www.sciencedirect.com/science/article/pii/S0981942824004637
148	Rachana Singh	Comprehensive journey from past to present to future about seed priming with hydrogen peroxide and hydrogen sulfide concerning drought, temperature, UV and ozone stresses-a review	International	25-01-2024	Springer	https://link.springer.com/article/10.1007/s11104-024-06499-9
149	Banashree Bondhopyadhyay	The differential effect of the immune system in breast cancer	International	29-12-2023	Open Exploration	https://www.explorationpub.com/Journals/em/Article/1001197
150	Abha Kumari	"Technological insights into lutein isolation from marigold flower and their diverse applications: a compendious review"	International	15-04-2024	Springer	https://doi.org/10.1007/s11101-024-09959-3
151	Abha Kumari	Isolation, Characterization, and Expression Analysis of NAC Transcription Factor from <i>Andrographis paniculata</i> (Burm. f.) Nees and Their Role in <i>Andrographolide</i>	International	28-03-2024	MDPI	https://doi.org/10.3390/genes15040422
152	Abha Kumari	Latest Developments and Applications of Nanotechnology in Agriculture Sector: A Review, <i>Â</i> Agricultural Reviews, <i>Â</i>	International	27-10-2023	Indian Journal.com	https://www.indianjournals.com/ijor.aspx?target=ijor:ar&volume=44&issue=3&article=001#:~:text=A%20hu

153	Manoranjan Nayak	Biosorption performance and mechanism insights of live and dead biomass of halophilic <i>Bacillus altitudinis</i> strain CdRPSD103 for removal of Cd(II) from aqueous solution	International	10-05-2024	Elsevier	https://doi.org/10.1016/j.ibiod.2024.105811
154	Manoranjan Nayak	Developing biomass augmentation strategy for cultivation of <i>Marvania coccoides</i> using fruit waste and wastewater-based growth medium for biodiesel production	International	29-05-2024	Elsevier	https://doi.org/10.1016/j.biortech.2024.130911
155	Sumit Kumar	"Editorial: Adaptation of halophilic/halotolerant microorganisms and their applications"	International	22-08-2023	Lausanne: Frontiers Media S.A.	https://www.frontiersin.org/journals/microbiology/articles/10.3389/fmicb.2023.1252921/full
156	Nidhee Chaudhary	Non-Receptor type Protein Tyrosine phosphatases and their role in controlling pathways related to Hepatocellular Carcinoma	International	24-02-2024	Bentham Science	doi: 10.2174/0113892010288624240213072415
157	Panda Kumari	Exploring the glycaemic impact and culinary qualities of rice through Genome-Wide Association Studies on starch composition and viscosity profiles.	International	01-03-2024	Elsevier	https://doi.org/10.1016/j.fbio.2024.103919 .
158	Panda Kumari	Potential role of post-harvest management in agribusiness	International	24-05-2024	EDP Sciences	https://www.bio-conferences.org/articles/bioconf/pdf/2024/29/bioconf_icrahor2024_04001.pdf
159	Panda Kumari	Digital Agriculture: Integration of Big Data and Precision Technology for Crop-Improvement	International	01-06-2024		https://jchr.org/index.php
160	Kumud Bala	Exploring TLR signaling pathways as promising targets in cervical cancer: The road less traveled	International	12-01-2024	Elsevier	https://europepmc.org/article/med/38663961

161	Ajay Kumar	Integration of Horse Manure Vermicompost Doses and Arbuscular Mycorrhizal Fungi to Improve Fruit Quality, and Soil Fertility in Tomato Field Facing Drought Stress	International	21-05-2024	MDPI	https://doi.org/10.3390/plants13111449
162	Ajay Kumar	Synergistic impact of <i>Serendipita indica</i> and <i>Zhihengliuella</i> sp. ISTPL4 on the mitigation of arsenic stress in rice	International	29-05-2024	Frontiers	https://doi.org/10.3389/fmicb.2024.1374303
163	Ajay Kumar	Jasmonic Acid (JA) in Plant Immune Response: Unravelling Complex Molecular Mechanisms and Networking of Defence Signalling Against Pathogens	International	09-05-2024	Springer	https://doi.org/10.1007/s00344-024-11264-4
164	Devalina Ray	Michael reaction in organocascade catalysis: A powerful tool for creating architectural complexity in the construction of medicinally privileged heterocyclic scaffolds	International	24-04-2024	Taylor & Francis	https://doi.org/10.1080/01614940.2024.2320802
165	Other Ravi Singh	Review of Microplastic Pollution in South Asian Freshwater Environments" A Comprehensive	International	01-05-2024	Iranian Medical Science	https://www.jchr.org/index.php/JCHR/article/view/4458#:~:text=While%20the%20global%20discourse%20on,
166	Ravi Kant Singh	Eco-Friendly Production and In-Vitro Assessment of Antibacterial Iron Nanoparticles Synthesized from <i>Achyranthes aspera</i> Leaf Extract: A Comprehensive Characterization Study	International	01-05-2024	International Scientific Organization	https://www.iscientific.org/4-ijcbs-24-25-19-4/
167	Smriti Shrivastava	Analysis of nutritional composition in opaque2- and crtRB1-based single- and double-biofortified super sweet corn	International	11-05-2024	Springer	https://link.springer.com/article/10.1007/s13353-024-00873-0#citeas

168	Shagnika Das	Acute and multigenerational toxicity of polylactic acid microplastics on a copepod bioindicator	International	15-05-2024	Springer	https://doi.org/10.1007/s10311-024-01747-x
169	Shagnika Das	Potable water boiling can induce havoc in the water quality management arena due to the presence of microplastics	International	29-05-2024	Elsevier, Science direct	https://doi.org/10.1016/j.clwat.2024.100019
170	Sarika Saxena	Why to target G-quadruplexes using peptides: Next-generation G4-interacting ligands	International	29-10-2023	John Wiley and Sons Ltd	https://www.scopus.com/record/display.uri?eid=2-s2.0-85153610342&origin=resultlist
171	Sarika Saxena	Identification of G4 motifs of various stem cell markers and their biophysical and biochemical characterization	International	09-09-2023	Taylor and Francis Ltd.	https://www.scopus.com/record/display.uri?eid=2-s2.0-85174157994&origin=resultlist
172	Sarika Saxena	Targeting G4 motifs of various stem cell makers with designed peptide for therapeutic applications	International	01-05-2024	Springer Nature	https://www.scopus.com/record/display.uri?eid=2-s2.0-85191791633&origin=resultlist
173	Apekshita Singh	RAPD and Agro-Morphological Traits-Based Fingerprinting for Detection of Genetic Divergence in Indian Black Rice	International	16-03-2024	Elsevier	https://www.sciencedirect.com/science/article/pii/S1672630824000222
174	Ajay Kumar	Cadmium content, metabolite profile, biological properties of Eclipta alba (L.) Hassk plant exposed to elevated cadmium in soil	International	16-06-2024	Elsevier	https://doi.org/10.1016/j.envexpbot.2024.105865
175	Ajay Kumar	Decoding the molecular mechanism underlying salicylic acid (SA)-mediated plant immunity: an integrated overview from its biosynthesis to the mode of action	International	18-06-2024	Wiley	https://doi.org/10.1111/ppl.14399

176	Ajay Kumar	PGPR-Enabled Bioremediation of Pesticide and Heavy Metal-Contaminated Soil: A Review of Recent Advances and Emerging Challenges.	International	25-06-2024	Elsevier	https://doi.org/10.1016/j.chemosphere.2024.142678
177	Ajay Kumar	Decoding the molecular mechanism underlying salicylic acid (SA)-mediated plant immunity: an integrated overview from its biosynthesis to the mode of action	International	18-06-2024	Wiley	https://doi.org/10.1111/pp1.14399
178	Ajay Kumar	The role of microbial seed endophytes in agriculture: mechanisms and applications.	International	23-06-2024	springer	https://doi.org/10.1007/s42976-024-00543-1
179	Panda Kumari	Impact of Air Pollution on Plant Physiology and Ecosystem Health	International	01-04-2024	Islamic Azad University	https://jchr.org/index.php/JCHR/article/view/5144/3274
180	Rajashree Das	"High prevalence of cagA positive Vac A s1m1 Helicobacter pylori strains isolated from patients suffering from various gastroduodenal diseases in Guwahati, Assam	International	04-06-2024	Wolters Kluwer - Medknow	https://pubmed.ncbi.nlm.nih.gov/38847212/
181	Rajashree Das	"Alteration of gastric microbiota in Helicobacter pylori-infected individuals suffering from GERD, DU, and gastritis"	International	04-06-2024	Wolters Kluwer - Medknow	https://pubmed.ncbi.nlm.nih.gov/38847202/
182	Rajashree Das	"Aging-related Alterations in Gastric Microbiota: A Potential Contributor to Gastrointestinal	International	18-06-2024	Wolters Kluwer - Medknow	https://journals.lww.com/jpdt/fulltext/2024/03020/aging_related_alterations_in_gastric_microbiota_a
183	Rajeev Kumar	Improved protocol for micropropagation of genetically uniform plants of pharmacological importance - Phyllanthus niruri using a single-step nodal cutting technique.	International	01-01-2024	Society Of Education	https://soeagra.com/abr/abrjan2024/51.pdf