

Scopus Publications 2025

Sl.No	Paper Title	Q Rank	Imp Factor
1	Current perspectives on the human skin microbiome: Functional insights and strategies for therapeutic modulation, Suri, H.; Suri, H.; Nagda, N.; Misra, T.; Vuppu, S., Biomedicine and Pharmacotherapy, Vol:193, DOI: 10.1016/j.biopha.2025.118655	Q1	7.5
2	Biosorption efficacy studies of Sargassum wightii and its biochar on the removal of chromium from aqueous solution, A? R., Srinivasan L., S? P., T? G., P?N? S., G? L., Arumugam N., Abdulrahman I? A., Sakkarapalayam M? M., A? V., Journal of the Taiwan Institute of Chemical Engineers, DOI: 10.1016/j.jtice.2023.105241	Q1	6.3
3	Probiotic-derived postbiotics: a perspective on next-generation therapeutics, V., Pattapulavar, Veilumuthu; S., Ramanujam, Sathiyabama; B., Kini, Bhagyashree; J.G., Godwin Christopher, J. Godwin, Frontiers in Nutrition, Vol:12, DOI: 10.3389/fnut.2025.1624539	Q1	5.1
4	Artificial intelligence driven approaches in phytochemical research: trends and prospects, Varghese R.; Shringi H.; Efferth T.; Ramamoorthy S., Phytochemistry Reviews, DOI: 10.1007/s11101-025-10096-8	Q1	7.6
5	Mercury in the environment: Biogeochemical transformation, ecological impacts, human risks, and remediation strategies, Ray S.; Vashishth R.; Mukherjee A.G.; Valsala Gopalakrishnan A.; Sabina E.P., Chemosphere, Vol:381, DOI: 10.1016/j.chemosphere.144471	Q1	8.1
6	Sustainable production of ZnO/MgO nanocomposite for effective photocatalytic degradation of Rhodamine B and their other properties, Vijaya Kumaran A.; Sharmila A.; Manoj Hadkar V.; Kumar Sishu N.; Mohanty C.; Roopan S.M.; Immanuel Selvaraj C., Materials Science and Engineering: B, Vol:313, DOI: 10.1016/j.mseb.117866	Q2	4.6
7	Sustainable Valorization of Fruit and Vegetable Waste for Bioactive Compounds: Advancing Functional Food and Wellness, Panda J.; Amrit R.; Mishra A.K.; Chakraborty A.; Rustagi S.; Nath P.C.; Sarabandi K.; Sarma H.; Wagh M.S.; Mohanta Y.K., Waste and Biomass Valorization, DOI: 10.1007/s12649-025-02937-6	Q3	2.8

8	Time-resolved reprogramming of single somatic cells into totipotent states during plant regeneration, Tang, L.P.; Zhai, L.M.; Li, J.; Gao, Y.; Ma, Q.L.; Li, R.; Liu, Q.F.; Zhang, W.J.; Yao, W.J.; Mu, B.; Qin, C.; Tian, X.; Shaw, R.; Xia, K.; Xu, J.; Su, Y.H.; Zhang, X.S., Cell, DOI: 10.1016/j.cell.2025.08.031	Q1	42.5
9	Control measures for neglected tropical diseases: vaccine updates, Chavda V.P.; Vuppu S.; Mishra T.; Sharma N.; Kamaraj S.; Mishra S.; Sureshbhai B.; Matsoukas J.; Apostolopoulos V., Expert Review of Vaccines, Vol:24, Issue: 1, Pg.No(535-555), DOI: 10.1080/14760584.2025.2517712	Q2	4.8
10	A sustainable approach for conversion of leather trimming wastes into non-edible gelatine and its physicochemical analysis, optimization, FTIR, XRD characterization, and statistical study, Sharma N.; Vuppu S., Biomass Conversion and Biorefinery, DOI: 10.1007/s13399-024-05940-4	Q2	4.1
11	Floral waste as a potential feedstock for biopolymer production by a novel strain Enterococcus gallinarum VITSS05: characterization and in silico docking studies, Punetha S.; Vuppu S., Biomass Conversion and Biorefinery, Vol:15, Issue: 7, Pg.No(10127-10148), DOI: 10.1007/s13399-024-05747-3	Q2	4.1
12	Bio-fabrication of Cichorium intybus L. root aqueous extract mediated ZnO nanoparticle (CIRAE-ZnO NP) for its promising therapeutic applications, Sishu N.K.; Selvaraj C.I., Green Chemistry Letters and Reviews, Vol:18, Issue: 1, DOI: 10.1080/17518253.2025.2489461	Q2	5.1
13	A comprehensive review of cadmium-induced toxicity, signalling pathways, and potential mitigation strategies, Vijiyakumar N.; Prince S.E., Toxicology and Environmental Health Sciences, Vol:17, Issue: 1, Pg.No:(79-94), DOI: 10.1007/s13530-024-00243-7	Q4	1
14	Identification of novel zinc-binding inhibitors against key microbial metallohydrolase DapE in Klebsiella pneumoniae: An integrated ligand-based virtual screening, molecular docking, molecular dynamics, and MM/PBSA approach, R., Biswas, Rhitam; A., Anbarasu, Anand, Integrative Biology, Vol:17, DOI: 10.1093/intbio/zyaf018	Q4	1.4
15	Characterization and investigating the potential therapeutic effects of phyto-assisted CuO and Zn doped CuO nanoparticles from Calophyllum apetalum (Willd.) leaf extract, Hadkar V.M.; Selvaraj C.I., Journal of Drug Delivery Science and Technology, Vol:104, DOI: 10.1016/j.jddst.2024.106530	Q1	4.9

16	Biogenic Ag-CuO nanocomposite fabricated using <i>Cichorium intybus</i> L., root extract: A dual approach for biological investigations and photocatalytic degradation of norfloxacin, Sishu N.K.; Selvaraj C.I., <i>Surfaces and Interfaces</i> , Vol:66, DOI: 10.1016/j.surfin.2025.106569	Q1	6.3
17	Green fabrication of <i>Hildegardia populifolia</i> (Roxb.) derived MgO nanoparticles exhibiting potential antioxidant, antibacterial, and photocatalytic properties, Sharmila A.; Darshan A.R.; Hadkar V.M.; Sishu N.K.; Selvaraj C.I., <i>Inorganic Chemistry Communications</i> , Vol:172, DOI: 10.1016/j.inoche.2024.113730	Q1	5.4
18	Genomic landscape of nosocomial <i>Acinetobacter baumannii</i> : A comprehensive analysis of the resistome, virulome, and mobilome, Pearl S.; Anbarasu A., <i>Scientific Reports</i> , Vol:15, Issue: 1, DOI: 10.1038/s41598-025-03246-7	Q1	3.9
19	Current status and future directions: Separation of rare earth elements by sorption processes, Saravanan P.; Kannan R.R.; Saravanan V.; Venkatkumar S.; Rajasimman M.; Sagadevan S.; Baskar G., <i>Journal of Molecular Liquids</i> , Vol:419, DOI: 10.1016/j.molliq.126751	Q1	5.2
20	Synthesis and Characterization of CuO Nanoparticles from Bioleached Copper through Modified and Optimized Double Precipitation Method, John A.S.; Gurumurthy K., <i>ACS Omega</i> , Vol:10, Issue: 10, Pg.No:(10193-10198), DOI: 10.1021/acsomega.4c09064	Q2	4.3
21	Phytochemical Profiling, Bioactive Potential and In Silico Analysis of <i>Kydia calycina</i> Roxb. Leaf Extracts, Sishu N.K.; Selvaraj C.I., <i>Chemistry and Biodiversity</i> , DOI: 10.1002/cbdv.202403132	Q3	2.5
22	A sustainable approach for degrading Vellore Nattu kozhi feather waste, analytical amino acid profiling and its computational studies, Kamaraj S., Suresh T., Vuppu S., <i>Clean Technologies and Environmental Policy</i> , DOI: 10.1007/s10098-024-02840-z	Q2	3.9
23	Recent Review on the Extraction and Qualitative Assay of Cysteine and Other Amino Acids from Vellore Feather Waste and Molecular Docking Studies of Cysteine for Pharmacological Applications, Kamaraj S.; Vuppu S., <i>Molecular Biotechnology</i> , DOI: 10.1007/s12033-023-00862-4	Q3	2.5

24	Unveiling Biodeteriogen VITSN 3 and VITSN 10 from Dewas and Ranipet Leather Effluent Valorisation: 16S rRNA Sequencing, Optimization, Immobilization, and Docking Studies, Sharma N.; Vuppu S., Waste and Biomass Valorization, DOI: 10.1007/s12649-024-02828-2	Q3	2.8
25	Unravelling the molecular mechanistic pathway underlying the anticancer effects of kaempferol in colorectal cancer: a reverse pharmacology network approach, Priyamvada P.; Ashok G.; Joshi T.; Anbarasu S.; Anbarasu A.; Ramaiah S., Molecular Diversity, DOI: 10.1007/s11030-024-10890-0	Q2	3.8
26	Anti-diabetic drug discovery using the bioactive compounds of Momordica charantia by molecular docking and molecular dynamics analysis, Choudhury A.A., Arumugam M., Ponnusamy N., Sivaraman D., Sertsemariam W., Thiruvengadam M., Pandiaraj S., Rahaman M., Devi Rajeswari V., Journal of Biomolecular Structure and Dynamics, DOI: 10.1080/07391102.2024.2313156	Q3	2.4
27	Behenic Acid as a multi-target inhibiting antibacterial phytochemical against Vibrio parahaemolyticus and Aeromonas hydrophila for effective management of aquaculture infections: an in-silico, in-vitro & in-vivo experimentation, Ravi L., Ajith Kumar K., Shree Kumari G.R., Mathew J., Harshitha S., Panda M., Shivani S., Paul A., Chandana T.S., Anil A., Megha J.K., Mukherjee T., Bhattacharjee S., Raveendran Nair M., Subhanjan V., Mohanasrinivasan V., Jain P., Journal of Biomolecular Structure and Dynamics, DOI: 10.1080/07391102.2024.2317988	Q3	2.4
28	Bio-inspired Ag ₃ PO ₄ -ZnO Nanocomposites: Investigation of its Antioxidant, Anticancer Activity and Photocatalytic Degradation of Methylene Blue Dye, Hadkar V.M.; Selvaraj C.I., Journal of Inorganic and Organometallic Polymers and Materials, DOI: 10.1007/s10904-025-03895-1	Q1	4.9
29	Sustainable synthesis of Au-ZnO nanocomposites for effective photocatalytic degradation of methylene blue in wastewater and therapeutic applications, Sharmila A.; Selvaraj C.I., Ceramics International, DOI: 10.1016/j.ceramint.04.087	Q1	5.6
30	Phyto-rhizoremediation potential of C. zizanioides augmented with Bacillus infantis (VITVJ8) for the uptake of heavy metals (Cr, Pb and Zn), Vaishnavi J.; Osborne W J., Frontiers in Soil Science, Vol:5, DOI: 10.3389/fsoil.2025.1484039	Q2	3.7

31	Doxorubicin-Conjugated Terbium-Doped Carbon Dots for Site-Specific Colon Cancer Theranostics, Kalyanasundaram D.; Arockia Sagayaraj P.M.; Dasgupta T.; Tharani G.R.; Ramasamy T.; Sundaramoorthy A.; Nandigam N.; Udayakumar K.; Kumar V.S.; Karthikeyan S.; Chinnathambi S.; Pandian G.N.; Grace A.N.; C. Sangeetha C.; Mangaiyarkarasi R., ACS Applied Nano Materials, Vol:8, Issue: 13, Pg.No:(6274-6287), DOI: 10.1021/acsanm.4c06365	Q2	5.5
32	Computational Modelling and Molecular Docking of Industrial Leather Enzymes, Sharma N., Vuppu S., Molecular Biotechnology, DOI: 10.1007/s12033-023-00689-z	Q3	2.5
33	Unveiling the potential of microbial biominers in bioleaching for heavy metal recovery from E-waste ? A comprehensive review, Harshan K.; Rajan A.P., Journal of Hazardous Materials Advances, Vol:18, DOI: 10.1016/j.hazadv.2025.100691	Q1	7.7
34	Unveiling Berberine analogues as potential inhibitors of Escherichia coli FtsZ through machine learning molecular docking and molecular dynamics approach, Roy A.; Anbarasu A., Scientific Reports, Vol:15, Issue: 1, DOI: 10.1038/s41598-025-98835-x	Q1	3.9
35	IL-1 β and associated molecules as prognostic biomarkers linked with immune cell infiltration in colorectal cancer: an integrated statistical and machine learning approach, Sahoo K.; Sundararajan V., Discover Oncology, Vol:16, Issue: 1, DOI: 10.1007/s12672-025-01989-3	Q2	2.9
36	Synergistic anticancer effects of camptothecin and sotorasib in KRAS-mutated pancreatic ductal adenocarcinoma, P.S., Ramalingam, Prasanna Srinivasan; G., Chellasamy, Gayathri; M.S., Hussain, Md Sadique; K.M., Gothandam, Kodiveri Muthukaliannan; T., Hussain, Tajamul; S.A.H., Alrokayan, Salman A.H.; K., Yun, Kyusik; J.R., Mekala, Janaki Ramaiah; S., Arumugam, Sivakumar, Frontiers in Pharmacology, Vol:16, DOI: 10.3389/fphar.2025.1635449	Q1	4.8
37	Integrating machine learning and high throughput screening for the discovery of allosteric AKT1 inhibitors, Karunakaran K., Muniyan R., Journal of Biomolecular Structure and Dynamics, DOI: 10.1080/07391102.2023.2293265	Q3	2.4

38	Harnessing pomegranate rind waste to develop novel bioactive packaging films using citric acid crosslinked polyvinyl alcohol (PVA)/starch-based polymer matrix, Dhaundiyal A.; Jamwal V.; Mittal A.; Pal K.; C J.G.; Tripathi R.; Paul N.; Rameshpathy M.; Guimar?es Junior M., Biomass Conversion and Biorefinery, DOI: 10.1007/s13399-024-06019-w	Q2	4.1
39	Low-frequency ultrasound-enabled synthesis of Ag/TiO2/g-C3N4 nanocomposites for efficient visible-light-driven photocatalysis, Sheik Moideen Thaha S.K.; Hasini M.P.; Nair R.R.; Sathish Kumar P.; Jeyajothi K.; Muruganandam L.; Rajasekaran C.; Basavegowda N., Materials Science and Engineering: B, Vol:320, DOI: 10.1016/j.mseb.2025.118408	Q2	4.6
40	Distribution pattern and risk assessment of microplastics contamination in different agricultural systems, Karthika S., Sivasubramanian K., Dhevagi P., Thavamani P., Rajkishore S.K., Amrutha V.M., Sudhakaran R., Chitra N., Lakshmanan A., International Journal of Environmental Analytical Chemistry, DOI: 10.1080/03067319.2024.2309553	Q3	2.5
41	Exploring tannery effluent bacteria for bioremediation and plant growth production: Isolating and characterizing bacterial strain for environmental clean-up, Omer S.N., Shanmugam V., Journal of the Taiwan Institute of Chemical Engineers, DOI: 10.1016/j.jtice.2024.105362	Q1	6.3
42	Marine Compound-Carpatamide D as a Potential Inhibitor Against TOP2A and Its Mutant D1021Y in Colorectal Cancer: Insights from DFT, MEP and Molecular Dynamics Simulation, Priyamvada P.; Ashok G.; Mathpal S.; Anbarasu A.; Ramaiah S., Molecular Biotechnology, DOI: 10.1007/s12033-024-01265-9	Q3	2.5
43	Emerging Pathways of Vaccine Adjuvants Regulatory Guidelines for Vaccine Adjuvants Suneetha Vuppu, Vivek P. Chavda, Toshika Mishra, Nikita Sharma and Sathvika Kamaraj 9781394237616 2025	Q1	—
44	Medical knowledge paradigms for enabling the digital health ecosystems Roadmap for Near-Patient Diagnostics Techniques in Healthcare Suneetha Vuppu, Toshika Mishra, Keshav Sharma, Tejasri Sirigiri, Sanhita Pathak, Raj V, Vivek P Chavda. 9781032611945 2025	—	—

45	Waste-to-Energy 10 - Food waste: an emerging trend to convert waste into energy Swatipunetha suneetha Vuppu 9780443223563 2025	—	—
46	Current perspectives on the human skin microbiome: Functional insights and strategies for therapeutic modulation, Suri, H.; Suri, H.; Nagda, N.; Misra, T.; Vuppu, S., Biomedicine and Pharmacotherapy, Vol:193, DOI: 10.1016/j.biopha.2025.118655	Q1	7.5
47	Neurotherapeutics across blood?brain barrier: screening of BBB-permeable and CNS-active molecules for neurodegenerative disease, Mohan Kumar, D.; Talwar, P., Frontiers in Pharmacology, Vol:16, DOI: 10.3389/fphar.2025.1616144	Q1	4.8
48	Streptomyces sp. VITGV156 secondary metabolite binds pathogenic protein PBP2a and Beta-lactamase, Pattapulavar V.; Ramanujam S.; Shah M.; Thirunavukkarasu M.K.; Arumugam S.; Karuppasamy R.; Samrot A.V.; Deepasree K.; Venugopal S.; Christopher J.G., Frontiers in Bioinformatics, Vol:5, DOI: 10.3389/fbinf.2025.1544800	Q1	3.9
49	Structural characterization and in vitro anti-inflammatory activity of exopolysaccharide produced by Pediococcus pentosaceus 4412, Angelin J.; Kavitha M., International Immunopharmacology, Vol:150, DOI: 10.1016/j.intimp.2025.114301	Q1	4.7
50	Targeting the quorum sensing network in Acinetobacter baumannii: A dual target structure-based approach for the development of novel antimicrobials, Bell I P.J.; Muniyan R., Computers in Biology and Medicine, Vol:187, DOI: 10.1016/j.compbiomed.2025.109828	Q1	6.3
51	Probing Pregnane-3,20-Dione, 17,21-[(Methylborylene)Bis(Oxy)]-, (5. Beta)- as an Antiviral Candidate Against White Spot Syndrome Virus (WSSV): Molecular Docking and Simulation Approach, Raja B.; Sivakumar A.; Mekata T.; Radhakrishnan V.; Asely A.M.E.; Abdelsalam M.; Raja S., Aquaculture Research, Vol:2025, Issue: 1, DOI: 10.1155/are/8855914	Q2	1.9
52	A bioprocess optimization study to enhance the production of Menaquinone-7 using Bacillus subtilis MM26, M M.; C S.D., Microbial Cell Factories, Vol:24, Issue: 1, DOI: 10.1186/s12934-025-02735-8	Q1	4.9
53	Machine learning and cheminformatics-based Identification of lichen-derived compounds targeting mutant PBP4R200L in Staphylococcus aureus, Mathpal S.; Joshi T.; Priyamvada P.; Ramaiah S.; Anbarasu A., Molecular Diversity, DOI: 10.1007/s11030-025-11125-6	Q2	3.8

54	Bio- inspired synthesis of magnesium oxide nanoparticles from <i>Acalypha indica</i> : Anti-bacterial, anti-oxidant and toxicity study, Ramaprabha K.; Saravanan P.; Rajeshkannan R.; Kumar S.V., Sustainable Chemistry One World, Vol:5, DOI: 10.1016/j.scowo.2025.100048	-	0
55	Extraction and characterization of carotenoid pigments with antioxidant and antibacterial potential from marine yeast <i>Rhodotorula</i> sp. KSB1, Banerjee S., Sarkar A., Rao K.V.B., International Microbiology, DOI: 10.1007/s10123-024-00529-3	Q3	2.3
56	A sustainable approach for conversion of leather trimming wastes into non-edible gelatine and its physicochemical analysis, optimization, FTIR, XRD characterization, and statistical study, Sharma N.; Vuppu S., Biomass Conversion and Biorefinery, DOI: 10.1007/s13399-024-05940-4	Q2	4.1
57	Artificial Neural Network- Response Surface Methodology based multi-parametric optimization and modelling of biolipid production from <i>Aspergillus flavus</i> , A.E S.S.; Das K R.; Manian R.; Shanmugam V.; Shankar V., Biomass and Bioenergy, Vol:193, DOI: 10.1016/j.biombioe.107573	Q1	5.8
58	Unveiling reverse vaccinology and immunoinformatics toward Saint Louis encephalitis virus: a ray of hope for vaccine development, Ramalingam P.S.; Aranganathan M.; Hussain M.S.; Elangovan S.; Chellasamy G.; Balakrishnan P.; Mekala J.R.; Yun K.; Arumugam S., Frontiers in Immunology, Vol:16, DOI: 10.3389/fimmu.2025.1576557	Q1	5.9
59	Amyloid- β , Tau, and α -Synuclein Protein Interactomes as Therapeutic Targets in Neurodegenerative Diseases, Mohan Kumar, D.; Talwar, P., Cellular and Molecular Neurobiology, Vol:45, Issue: 1, DOI: 10.1007/s10571-025-01604-7	Q1	4.8
60	Zinc Doped Akermanite: A Promising Biomaterial for Orthopedic Application with Enhanced Bioactivity, Mechanical Strength, and Bacterial Study, Kothandam S.; Selvatharani V.; Vijayakumar N.; Alex R.A.; Abraham J.; Maheshwaran S.; Swamiappan S., ACS Omega, Vol:10, Issue: 2, Pg.No:(1911-1926), DOI: 10.1021/acsomega.4c05482	Q2	4.3
61	Investigating the effect of antibacterial cerium oxide nanoparticles embedded in biodegradable PVA/chitosan films for wound healing application: an in-vitro study, Gobi R.; Babu R.S.; Rani M.U.; Gothandam K.M.; Prakash J.; Venkatasubbu G.D., Emergent Materials, DOI: 10.1007/s42247-024-00922-8	Q2	4.1

62	Identification of novel drug targets and small molecule discovery for MRSA infections, Subramani N.K.; Venugopal S., <i>Frontiers in Bioinformatics</i> , Vol:5, DOI: 10.3389/fbinf.2025.1562596	Q1	3.9
63	The synergy of experimental and theoretical investigation of solvent impact on structural, physicochemical properties of a bioactive meta-para Schiff base crystal: 4-Bromo 3-nitrobenzylidene aniline, Priyadharshini S.; Veilumuthu P.; Godwin Christopher J.; Anitha K., <i>Journal of Molecular Liquids</i> , Vol:431, DOI: 10.1016/j.molliq.2025.127773	Q1	5.2
64	Molecular Docking and Dynamic Simulation Approach to Target Penicillin-Binding Protein 1B (LpoB) of <i>Salmonella typhimurium</i> with Flavonoids, Valathoor M.N.; Venugopal S., <i>Current Pharmaceutical Analysis</i> , DOI: 10.2174/0115734129335204240919071902	Q4	1.5
65	Inhibitory effects of endophytic bacterial metabolite (Gougerotin) of <i>Ziziphus mauritiana</i> (Ber fruit) against human bacterial pathogens, Manam M.; Barisal M.; Sajeev A.; Tomar E.; Deo L.; Osborne W.J., <i>South African Journal of Botany</i> , Vol:178, Pg.No:(437-447), DOI: 10.1016/j.sajb.2025.01.045	Q2	2.7
66	Biogenic synthesis of <i>Albizia lucidior</i> mediated magnetite nanoparticles (Fe ₃ O ₄ NPs): Therapeutic applications and photocatalytic activity, V.M., Hadkar, Vrushali Manoj; N.K., Sishu, Nayan Kumar; S.P., Jayabharathi, Swathy Prakash; A., Sharmila, Arunagiri; C.I., Selvaraj, Chinnadurai Immanuel, <i>Biocatalysis and Agricultural Biotechnology</i> , Vol:67, DOI: 10.1016/j.bcab.2025.103676	Q2	3.8
67	Studies on DNA/HSA binding properties of new triazole-based imine functionalized derivatives using spectroscopic and computational methods, Hiremath K.B.; Manochkumar J.; Ramamoorthy S.; Shivashankar M., <i>Bioorganic Chemistry</i> , Vol:162, DOI: 10.1016/j.bioorg.2025.108608	Q1	4.7
68	In silico exploration of biosynthetic gene clusters in marine <i>Streptomyces</i> sp. and <i>Nocardiopsis</i> sp. from the western coast of India: Genome-based profiling using whole genome sequencing, Kumar H.; Vijayakumar S.; Shintre N.; Tamhane V.; Deshpande N.; Joshi T.; Mathpal S.; Anbarasu A.; Ramaiah S., <i>Journal of Genetic Engineering and Biotechnology</i> , Vol:23, Issue: 2, DOI: 10.1016/j.jgeb.2025.100483	-	3.6
69	Efficacy and safety of imeglimin, a novel oral agent in the management of type 2 diabetes mellitus: a systematic review and meta-analysis, Tewari J.; Qidwai K.A.; Tewari A.; Rana A.; Singh V.; Tewari V.; Mateen R.; Khatoon S.; Ahmad F.; Haque S., <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , DOI: 10.1007/s00210-025-04198-5	Q2	3.1

70	Staggering cytotoxic effects of manganese oxide nanoparticles from <i>Bacillus thuringiensis</i> , Aseef A.; Venkatkumar S., <i>Microbial Pathogenesis</i> , Vol:198, DOI: 10.1016/j.micpath.2024.107184	Q2	3.5
71	Bioprospective decolourization of reactive azo dyes at pilot scale by a developed bacterial consortium using the RSM and CCD model, Palanivelan R., Ramya S., Aradhana S., Ayyasamy P.M., Sabour A.A.A., Muthusamy R., Narayanan M., <i>Biomass Conversion and Biorefinery</i> , DOI: 10.1007/s13399-024-05701-3	Q2	4.1
72	A multi-omics exploration of PPAR γ activation in colon cancer: kinases featuring a PPRE sequence within regulatory regions, Saha P.; Ravanani P.; Talwar P., <i>Biology Direct</i> , Vol:20, Issue: 1, DOI: 10.1186/s13062-025-00654-7	Q1	4.9
73	Silver-doped diopside: A multifunctional bioceramic with enhanced bioactivity, mechanical strength, and antimicrobial properties for bone regeneration, Joseph S.; Vijayakumar N.; Kothandam S.; Janakiraman K.; Abraham J.; Genasan K.; Swamiappan S., <i>Ceramics International</i> , DOI: 10.1016/j.ceramint.2025.05.208	Q1	5.6
74	Green strategies for chromium detoxification in tannery effluents: Adsorption and bioconversion with <i>Portiera hornemannii</i> , Sekaran M.; Thiagarajan K., <i>Environmental Technology and Innovation</i> , Vol:38, DOI: 10.1016/j.eti.2025.104151	Q1	7.1
75	Deciphering the prognostic landscape of triple-negative breast cancer: A focus on immune-related hub genes and therapeutic implications, Krishnamoorthy H.R.; Karuppasamy R., <i>Biotechnology and Applied Biochemistry</i> , DOI: 10.1002/bab.2700	Q3	2.7
76	Targeting key players in Alzheimer's disease: bioactive compounds from <i>Moringa oleifera</i> , <i>Desmodium gangeticum</i> , and <i>Centella asiatica</i> as potential therapeutics, Premkumar T.; Sajitha Lulu S., <i>Journal of Biomolecular Structure and Dynamics</i> , DOI: 10.1080/07391102.202.2335300	Q3	2.4
77	Thiazine dye sorption onto (NH ₄) ₂ S ₂ O ₈ treated bio-adsorbent: Implications for batch and fixed-bed column applications, Maiti P.; Chatterjee A.; Mishra A.; Biswas S.; Anishka; Meikap B.C., <i>Separation and Purification Technology</i> , Vol:363, DOI: 10.1016/j.seppur.2025.132256	Q1	9
78	Molecular docking insights: interaction mechanisms of green-synthesized iron oxide nanoparticles with bacterial proteins, Omer S.N.; Saravanan P.; Senthilnathan; Kumar P.; Lopez-Maldonado E.A.; Rajeshkannan R.; Kumar S.V., <i>Microbial Pathogenesis</i> , Vol:205, DOI: 10.1016/j.micpath.2025.107704	Q2	3.5

79	Computational study of the piperidine and FtsZ interaction in Salmonella Typhi: implications for disrupting cell division machinery, Kumar H., Manoharan A., Anbarasu A., Ramaiah S., Journal of Biomolecular Structure and Dynamics, DOI: 10.1080/07391102.2024.2314272	Q3	2.4
80	Endophytic bacteria of Gracilaria edulis in combating human bacterial pathogens by PPDHMP ? A crude to single molecule product development approach, Manam M.; Srivatsa S.; Osborne W.J., Microbial Pathogenesis, Vol:202, DOI: 10.1016/j.micpath.2025.107431	Q2	3.5
81	Microbacterium endophyticum-mediated Zinc oxide nanoparticles synthesis: A novel strategy for eco-friendly dye decolorization, Ramaprabha K.; Rajeshkannan R.; Archana E.; Christline keren I.; Megana L.M.; Saravananan P.; Venkat Kumar S., Sustainable Chemistry One World, Vol:6, DOI: 10.1016/j.scowo.2025.100067	-	0
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