

# Ashutosh Sharma

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,029  
citations

623574

14  
h-index

434063

31  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green remediation potential of immobilized oxidoreductases to treat halo-organic pollutants persist in wastewater and soil matrices - A way forward. <i>Chemosphere</i> , 2022, 290, 133305.	4.2	13
2	Exploring Marine as a Rich Source of Bioactive Peptides: Challenges and Opportunities from Marine Pharmacology. <i>Marine Drugs</i> , 2022, 20, 208.	2.2	14
3	Biorecognition Engineering Technologies for Cancer Diagnosis: A Systematic Literature Review of Non-Conventional and Plausible Sensor Development Methods. <i>Cancers</i> , 2022, 14, 1867.	1.7	7
4	Identification of microRNAs from Medicinal Plant <i>Murraya koenigii</i> by High-Throughput Sequencing and Their Functional Implications in Secondary Metabolite Biosynthesis. <i>Plants</i> , 2022, 11, 46.	1.6	16
5	Medicinal plants with anti-dengue and immunomodulatory activity. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, .	0.9	0
6	Comparison of Cytokine Expression Profile in Chikungunya and Dengue Co-Infected and Mono-Infected Patients's Samples. <i>Pathogens</i> , 2021, 10, 166.	1.2	3
7	Leaf and Fruit Methanolic Extracts of <i>Azadirachta indica</i> Exhibit Antifertility Activity on Rats's Sperm Quality and Testicular Histology. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 400-407.	0.9	3
8	Characterization of microRNAs from neem ( <i>Azadirachta indica</i> ) and their tissue-specific expression study in leaves and stem. <i>3 Biotech</i> , 2021, 11, 277.	1.1	6
9	Advances and Applications of Water Phytoremediation: A Potential Biotechnological Approach for the Treatment of Heavy Metals from Contaminated Water. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5215.	1.2	21
10	Metabolic Engineering of Isoflavonoid Biosynthesis by Expressing Glycine max Isoflavone Synthase in <i>Allium cepa</i> L. for Genistein Production. <i>Plants</i> , 2021, 10, 52.	1.6	11
11	Production of Genistein in <i>Amaranthus tricolor</i> var. <i>tristis</i> and <i>Spinacia oleracea</i> by Expression of Glycine max Isoflavone Synthase. <i>Plants</i> , 2021, 10, 2311.	1.6	3
12	Genotypic and phenotypic changes of <i>Staphylococcus epidermidis</i> during relapse episodes in prosthetic joint infections. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 601-612.	0.8	5
13	MicroRNAs and Child Neuropsychiatric Disorders: A Brief Review. <i>Neurochemical Research</i> , 2020, 45, 232-240.	1.6	36
14	Current Status of microRNA-Based Therapeutic Approaches in Neurodegenerative Disorders. <i>Cells</i> , 2020, 9, 1698.	1.8	71
15	Identification of microRNAs and Their Expression in Leaf Tissues of Guava ( <i>Psidium guajava</i> L.) under Salinity Stress. <i>Agronomy</i> , 2020, 10, 1920.	1.3	20
16	Triple-Negative Breast Cancer: A Review of Conventional and Advanced Therapeutic Strategies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2078.	1.2	163
17	State-of-the-Art Genetic Modalities to Engineer Cyanobacteria for Sustainable Biosynthesis of Biofuel and Fine-Chemicals to Meet Bio's Economy Challenges. <i>Life</i> , 2019, 9, 54.	1.1	12
18	Construction of a synthetic protein using PCR with a high essential amino acid content for nutritional purposes. <i>Molecular Biology Reports</i> , 2019, 46, 1593-1601.	1.0	2

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19	Genome-wide computational prediction and experimental validation of quinoa (<i>Chenopodium) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	11
20	Bioactive Dimeric Acylphloroglucinols from the Mexican Fern <i>Elaphoglossum paleaceum</i>. Journal of Natural Products, 2019, 82, 785-791.	1.5	4
21	Factors affecting genetic transformation by particle bombardment of the prickly pear cactus (O.) Tj ETQq1 1 0.784314 rgBT /Overlo	1.1	5
22	Gold-Iron oxide yolk-shell nanoparticles (YSNPs) as magnetic probe for fluorescence-based detection of 3 base mismatch DNA. Colloids and Surfaces B: Biointerfaces, 2019, 176, 431-438.	2.5	6
23	Torin 1, TOR Inhibitor Enhances Cellular Proliferation in NT-1 Tobacco Suspension Cell Cultures. Phyton, 2019, 88, 131-137.	0.4	1
24	Multidisciplinary Investigations on Galphimia glauca: A Mexican Medicinal Plant with Pharmacological Potential. Molecules, 2018, 23, 2985.	1.7	12
25	Graphene and graphene oxide: Functionalization and nano-bio-catalytic system for enzyme immobilization and biotechnological perspective. International Journal of Biological Macromolecules, 2018, 120, 1430-1440.	3.6	151
26	Organs-on-a-Chip Module: A Review from the Development and Applications Perspective. Micromachines, 2018, 9, 536.	1.4	155
27	Current Therapies Focused on High-Density Lipoproteins Associated with Cardiovascular Disease. Molecules, 2018, 23, 2730.	1.7	33
28	Genome Wide Computational Identification of Tuna ( <i>Thunnus orientalis</i> ) MicroRNAs and Their Targets. Ocean Science Journal, 2018, 53, 727-734.	0.6	6
29	STRUVITE PRODUCTION BY PSEUDOMONAS SYRINGAE PV PHASEOLICOLA. Journal of Microbiology, Biotechnology and Food Sciences, 2018, 8, 812-814.	0.4	0
30	Antibacterial activities of medicinal plants used in Mexican traditional medicine. Journal of Ethnopharmacology, 2017, 208, 264-329.	2.0	92
31	New metabolic pathway for degradation of 2-nitrobenzoate by <i>Arthrobacter</i> sp. SPG. Frontiers in Microbiology, 2015, 06, 551.	1.5	12
32	Biotransformation of Indole to 3-Methylindole by <i>Lysinibacillus xylanilyticus</i> Strain MA. Journal of Chemistry, 2015, 2015, 1-5.	0.9	10
33	Microbial Degradation of Indole and Its Derivatives. Journal of Chemistry, 2015, 2015, 1-13.	0.9	40
34	Noninvasive Method of DNA Isolation From Fecal Epithelial Tissue of Dairy Animals. Animal Biotechnology, 2015, 26, 211-216.	0.7	6
35	A comparison on the metabolic profiling of the Mexican anxiolytic and sedative plant <i>Galphimia glauca</i> four years later. Journal of Ethnopharmacology, 2012, 141, 964-974.	2.0	26
36	Metabolism of 4-chloro-2-nitrophenol in a Gram-positive bacterium, <i>Exiguobacterium</i> sp. PMA. Microbial Cell Factories, 2012, 11, 150.	1.9	31

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37	DNA barcoding of the Mexican sedative and anxiolytic plant <i>Galphimia glauca</i> . Journal of Ethnopharmacology, 2012, 144, 371-378.	2.0	22