

Anshu Gupta

List of Publications by Year in descending order

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36
papers

1,496
citations

430874

18
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

1622
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of protease and lipase by solvent tolerant <i>Pseudomonas aeruginosa</i> PseA in solid-state fermentation using <i>Jatropha curcas</i> seed cake as substrate. <i>Bioresource Technology</i> , 2008, 99, 1729-1735.	9.6	206
2	Evaluation of heavy metal contamination using environmetrics and indexing approach for River Yamuna, Delhi stretch, India. <i>Water Science</i> , 2017, 31, 52-66.	1.6	129
3	One-step purification and characterization of an alkaline protease from haloalkaliphilic <i>Bacillus</i> sp.. <i>Journal of Chromatography A</i> , 2005, 1075, 103-108.	3.7	115
4	Chemical characteristics and source apportionment of PM _{2.5} using PCA/APCS, UNMIX, and PMF at an urban site of Delhi, India. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14637-14656.	5.3	113
5	Purification and characterization of a solvent stable protease from <i>Pseudomonas aeruginosa</i> PseA. <i>Journal of Chromatography A</i> , 2005, 1069, 155-161.	3.7	108
6	Enzymes from solvent-tolerant microbes: Useful biocatalysts for non-aqueous enzymology. <i>Critical Reviews in Biotechnology</i> , 2009, 29, 44-54.	9.0	85
7	Evaluation of <i>Acinetobacter</i> sp. B9 for Cr (VI) resistance and detoxification with potential application in bioremediation of heavy-metals-rich industrial wastewater. <i>Environmental Science and Pollution Research</i> , 2013, 20, 6628-6637.	5.3	85
8	A protease stable in organic solvents from solvent tolerant strain of <i>Pseudomonas aeruginosa</i> . <i>Bioresource Technology</i> , 2006, 97, 1788-1793.	9.6	65
9	Enhanced production and characterization of a solvent stable protease from solvent tolerant <i>Pseudomonas aeruginosa</i> PseA. <i>Enzyme and Microbial Technology</i> , 2007, 42, 11-16.	3.2	64
10	Efficacy of <i>Acinetobacter</i> sp. B9 for simultaneous removal of phenol and hexavalent chromium from co-contaminated system. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9829-9841.	3.6	61
11	Degradation of azo dye methyl red by alkaliphilic, halotolerant <i>Nesterenkonia lacusekhoensis</i> EMLA3: application in alkaline and salt-rich dyeing effluent treatment. <i>Extremophiles</i> , 2017, 21, 479-490.	2.3	51
12	Alleviation of hexavalent chromium by using microorganisms: insight into the strategies and complications. <i>Water Science and Technology</i> , 2019, 79, 411-424.	2.5	40
13	Microplastic pollution in aquatic environments with special emphasis on riverine systems: Current understanding and way forward. <i>Journal of Environmental Management</i> , 2021, 293, 112860.	7.8	40
14	Study on Ambient Air Quality of Megacity Delhi, India During Odd-Even Strategy. <i>Mapan - Journal of Metrology Society of India</i> , 2017, 32, 155-165.	1.5	34
15	Enhanced decolorization of reactive violet dye 1 by halo-alkaliphilic <i>Nesterenkonia</i> strain: Process optimization, short acclimatization and reusability analysis in batch cycles. <i>Chemical Engineering Research and Design</i> , 2019, 131, 116-126.	5.6	31
16	A solvent tolerant isolate of. <i>Bioresource Technology</i> , 2006, 97, 99-103.	9.6	27
17	Microplastics as contaminants in Indian environment: a review. <i>Environmental Science and Pollution Research</i> , 2021, 28, 68025-68052.	5.3	23
18	Simultaneous Bioremediation of Phenol and Cr (VI) from Tannery Wastewater Using Bacterial Consortium. <i>International Journal of Applied Sciences and Biotechnology</i> , 2015, 3, 50-55.	0.8	20

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19	Sustainable synthesis of silver nanoparticles using exposed X-ray sheets and forest-industrial waste biomass: Assessment of kinetic and catalytic properties for degradation of toxic dyes mixture. <i>Journal of Environmental Management</i> , 2019, 247, 698-711.	7.8	20
20	Comparative fermentation studies on amylase production by <i>Aspergillus flavus</i> TF-8 using Sal (Shorea) Tj ETQq0 0 0 rgBT /Overlock 10 T Industrial Crops and Products, 2014, 57, 158-165.	5.2	19
21	Synthesis of silver nanoparticles (AgNPs) using <i>Ficus retusa</i> leaf extract for potential application as antibacterial and dye decolourising agents. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1520-1529.	1.6	19
22	Impact of heavy metals on inhibitory concentration of <i>Escherichia coli</i> – a case study of river Yamuna system, Delhi, India. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 674.	2.7	19
23	Enhanced lipase production from <i>Aeromonas</i> sp. S1 using Sal deoiled seed cake as novel natural substrate for potential application in dairy wastewater treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 418-426.	3.2	18
24	Using indigenous bacterial isolate <i>Nesterenkonia lacusekhoensis</i> for removal of azo dyes: A low-cost ecofriendly approach for bioremediation of textile wastewaters. <i>Environment, Development and Sustainability</i> , 2022, 24, 5344-5367.	5.0	17
25	Efficient utilization of Sal deoiled seed cake (DOC) as reducing agent in synthesis of silver nanoparticles: Application in treatment of dye containing wastewater and harnessing reusability potential for cost-effectiveness. <i>Journal of Molecular Liquids</i> , 2018, 268, 691-699.	4.9	16
26	Solvent-Stable <i>Pseudomonas aeruginosa</i> ; PseA Protease Gene: Identification, Molecular Characterization, Phylogenetic and Bioinformatic Analysis to Study Reasons for Solvent Stability. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008, 15, 234-243.	1.0	14
27	Remediation of Phenol Using Microorganisms: Sustainable Way to Tackle the Chemical Pollution Menace. <i>Current Organic Chemistry</i> , 2018, 22, 370-385.	1.6	12
28	Assessment of phenol-degrading ability of <i>Acinetobacter</i> sp. B9 for its application in bioremediation of phenol-contaminated industrial effluents. <i>Chemistry and Ecology</i> , 2015, 31, 607-621.	1.6	11
29	Microbial degradation of reactive red-35 dye: Upgraded progression through Box-Cox Behnken design modeling and cyclic acclimatization. <i>Journal of Water Process Engineering</i> , 2021, 40, 101782.	5.6	8
30	Effectiveness of Sal Deoiled Seed Cake as an Inducer for Protease Production from <i>Aeromonas</i> sp. S1 for its Application in Kitchen Wastewater Treatment. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 1896-1908.	2.9	7
31	Cellular adaptation responses in a halotolerant <i>Exiguobacterium</i> exhibiting organic solvent tolerance with simultaneous protease production. <i>Environmental Technology and Innovation</i> , 2021, 23, 101803.	6.1	7
32	Title is missing!. <i>Biotechnology Letters</i> , 2002, 24, 2005-2009.	2.2	5
33	Tannase production through solid-state fermentation of <i>Shorea robusta</i> deoiled seed cake: an industrial biomass using <i>Aspergillus flavus</i> TF-8 for potential application in gallic acid synthesis. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 6663-6673.	4.6	4
34	Novel Application of <i>Mahua</i> (<i>Madhuca</i> sp.) Flowers for Augmented Protease Production from <i>Aeromonas</i> sp. S1. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	1
35	Valorization of Sal Deoiled Cake as Media for Acidic Amylase and Invertase Co-Production by <i>Aspergillus niger</i> NJ-1: Optimization by Response Surface Methodology and Application in Oligosaccharide Synthesis. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 2548-2561.	2.0	1
36	Eco-Friendly Bioremediation Approach for Dye Removal from Wastewaters: Challenges and Prospects. , 2021, , 273-297.		1