

Parul Chaudhary

List of Publications by Citations

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26 papers	359 citations	10 h-index	18 g-index
29 ext. papers	581 ext. citations	3.6 avg, IF	4.16 L-index

#	Paper	IF	Citations
26	Presence of esterase and laccase in <i>Bacillus subtilis</i> facilitates biodegradation and detoxification of cypermethrin. <i>Scientific Reports</i> , 2018 , 8, 12755	4.9	80
25	Pesticide induced up-regulation of esterase and aldehyde dehydrogenase in indigenous <i>Bacillus</i> spp.. <i>Bioremediation Journal</i> , 2019 , 23, 42-52	2.3	46
24	Nanochitosan supports growth of <i>Zea mays</i> and also maintains soil health following growth. <i>3 Biotech</i> , 2017 , 7, 81	2.8	43
23	Effect of nanozeolite and plant growth promoting rhizobacteria on maize. <i>3 Biotech</i> , 2018 , 8, 141	2.8	42
22	Management of plant vigor and soil health using two agrisable nanocompounds and plant growth promotory rhizobacteria in Fenugreek. <i>3 Biotech</i> , 2020 , 10, 461	2.8	21
21	Influence of nanosilicon dioxide along with bioinoculants on and its rhizospheric soil. <i>3 Biotech</i> , 2020 , 10, 345	2.8	20
20	Illumina based high throughput analysis of microbial diversity of maize rhizosphere treated with nanocompounds and <i>Bacillus</i> sp.. <i>Applied Soil Ecology</i> , 2021 , 159, 103836	5	17
19	Bioinoculation using indigenous spp. improves growth and yield of under the influence of nanozeolite. <i>3 Biotech</i> , 2021 , 11, 11	2.8	16
18	High-throughput sequencing approach to access the impact of nanozeolite treatment on species richness and evenness of soil metagenome. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 20, 101249 ^{4.2}	4.2	15
17	Nanobioremediation: A sustainable approach for the removal of toxic pollutants from the environment.. <i>Journal of Hazardous Materials</i> , 2021 , 427, 128033	12.8	11
16	In vitro compatibility evaluation of agrisable nanochitosan on beneficial plant growth-promoting rhizobacteria and maize plant. <i>The National Academy of Sciences, India</i> ,	0.6	9
15	Cultivable and metagenomic approach to study the combined impact of nanogypsum and <i>Pseudomonas taiwanensis</i> on maize plant health and its rhizospheric microbiome. <i>PLoS ONE</i> , 2021 , 16, e0250574	3.7	9
14	Impact of nanochitosan and spp. on health, productivity and defence response in under field condition. <i>3 Biotech</i> , 2021 , 11, 237	2.8	8
13	Bioremediation of Industrial Waste Using Microbial Metabolic Diversity. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2018 , 1-27	0.4	7
12	Chlorpyrifos degradation using binary fungal strains isolated from industrial waste soil. <i>Biologia (Poland)</i> , 2021 , 76, 3071-3080	1.5	6
11	Impact of nanophos in agriculture to improve functional bacterial community and crop productivity. <i>BMC Plant Biology</i> , 2021 , 21, 519	5.3	2
10	Bacterial structure and dynamics in mango (<i>Mangifera indica</i>) orchards after long term organic and conventional treatments under subtropical ecosystem. <i>Scientific Reports</i> , 2021 , 11, 20554	4.9	1

- 9 Plant Growth-Promoting Rhizobacteria and Their Application in Sustainable Crop Production **2021**, 217-234 1
- 8 Development of gold nanoparticle-based visual assay for rapid detection of Escherichia coli specific DNA in milk of cows affected with mastitis. *LWT - Food Science and Technology*, **2022**, 155, 112901 5.4 0
- 7 Rhizospheric Microbes and Their Mechanism **2021**, 79-93 0
- 6 Exploration of Klebsiella pneumoniae M6 for paclobutrazol degradation, plant growth attributes, and biocontrol action under subtropical ecosystem.. *PLoS ONE*, **2021**, 16, e0261338 3.7 0
- 5 Scope of Antibiotic Resistance Genes in Sewage Sludge for Therapeutic Uses **2022**, 227-245
- 4 Bioremediation of Industrial Waste Using Microbial Metabolic Diversity **2022**, 584-610
- 3 Recent Advancements and Mechanism of Microbial Enzymes in Sustainable Agriculture **2021**, 247-259
- 2 CRISPR/cas9 cassette targeting CTX-M specific gene of mastitis cow milk origin can alter the antibiotic resistant phenotype for cefotaxime.. *Animal Biotechnology*, **2022**, 1-6 1.4
- 1 Recent Trends and Advancements for Agro-Environmental Sustainability at Higher Altitudes **2022**, 425-435