Parul Chaudhary

List of Publications by Year in Descending Order

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	Scope of Antibiotic Resistance Genes in Sewage Sludge for Therapeutic Uses **2022**, 227-245		
25	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
24	Bioremediation of Industrial Waste Using Microbial Metabolic Diversity **2022**, 584-610		
23	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	
22	Recent Trends and Advancements for Agro-Environmental Sustainability at Higher Altitudes **2022**, 425-435		
21	Impact of nanophos in agriculture to improve functional bacterial community and crop productivity. *BMC Plant Biology*, **2021**, 21, 519	5.3	2
20	Nanobioremediation: A sustainable approach for the removal of toxic pollutants from the environment.. *Journal of Hazardous Materials*, **2021**, 427, 128033	12.8	11
19	Bacterial structure and dynamics in mango (Mangifera indica) orchards after long term organic and conventional treatments under subtropical ecosystem. *Scientific Reports*, **2021**, 11, 20554	4.9	1
18	Illumina based high throughput analysis of microbial diversity of maize rhizosphere treated with nanocompounds and Bacillus sp.. *Applied Soil Ecology*, **2021**, 159, 103836	5	17
17	Cultivable and metagenomic approach to study the combined impact of nanogypsum and Pseudomonas taiwanensis on maize plant health and its rhizospheric microbiome. *PLoS ONE*, **2021**, 16, e0250574	3.7	9
16	Impact of nanochitosan and spp. on health, productivity and defence response in under field condition. *3 Biotech*, **2021**, 11, 237	2.8	8
15	Chlorpyrifos degradation using binary fungal strains isolated from industrial waste soil. *Biologia (Poland)*, **2021**, 76, 3071-3080	1.5	6
14	Bioinoculation using indigenous spp. improves growth and yield of under the influence of nanozeolite. *3 Biotech*, **2021**, 11, 11	2.8	16
13	Recent Advancements and Mechanism of Microbial Enzymes in Sustainable Agriculture **2021**, 247-259		
12	Plant Growth-Promoting Rhizobacteria and Their Application in Sustainable Crop Production **2021**, 217-234		1
11	Rhizospheric Microbes and Their Mechanism **2021**, 79-93		0
10	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

List of Publications

9	Management of plant vigor and soil health using two agriusable nanocompounds and plant growth promotory rhizobacteria in Fenugreek. *3 Biotech*, **2020**, 10, 461	2.8	21
8	Influence of nanosilicon dioxide along with bioinoculants on and its rhizospheric soil. *3 Biotech*, **2020**, 10, 345	2.8	20
7	High-throughput sequencing approach to access the impact of nanozeolite treatment on species richness and evenness of soil metagenome. *Biocatalysis and Agricultural Biotechnology*, **2019**, 20, 101249	4.2	15
6	Pesticide induced up-regulation of esterase and aldehyde dehydrogenase in indigenous Bacillus spp.. *Bioremediation Journal*, **2019**, 23, 42-52	2.3	46
5	Effect of nanozeolite and plant growth promoting rhizobacteria on maize. *3 Biotech*, **2018**, 8, 141	2.8	42
4	Presence of esterase and laccase in Bacillus subtilis facilitates biodegradation and detoxification of cypermethrin. *Scientific Reports*, **2018**, 8, 12755	4.9	80
3	Bioremediation of Industrial Waste Using Microbial Metabolic Diversity. *Advances in Environmental Engineering and Green Technologies Book Series*, **2018**, 1-27	0.4	7
2	Nanochitosan supports growth of Zea mays and also maintains soil health following growth. *3 Biotech*, **2017**, 7, 81	2.8	43
1	In vitro compatibility evaluation of agriusable nanochitosan on beneficial plant growth-promoting rhizobacteria and maize plant. *The National Academy of Sciences, India*,	0.6	9