Vasvi Chaudhry

List of Publications by Year
in descending order

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36 papers	1,796 citations	331670 21 h-index	395702 33 g-index
40 all docs	40 docs citations	40 times ranked	2416 citing authors

#	Article	IF	Citations
1	Changes in Bacterial Community Structure of Agricultural Land Due to Long-Term Organic and Chemical Amendments. Microbial Ecology, 2012, 64, 450-460.	2.8	286
2	Biocatalytic and antimicrobial activities of gold nanoparticles synthesized by Trichoderma sp.. Bioresource Technology, 2014, 166, 235-242.	9.6	209
3	Influence of inoculation of arsenic-resistant Staphylococcus arlettae on growth and arsenic uptake in Brassica juncea (L.) Czern. Var. R-46. Journal of Hazardous Materials, 2013, 262, 1039-1047.	12.4	142
4	Effect of High Temperature on Pseudomonas putida NBRI0987 Biofilm Formation and Expression of Stress Sigma Factor RpoS. Current Microbiology, 2008, 56, 453-457.	2.2	110
5	Shaping the leaf microbiota: plantâ€“microbeâ€“microbe interactions. Journal of Experimental Botany, 2021, 72, 36-56.	4.8	106
6	Physico-Chemical Condition Optimization during Biosynthesis lead to development of Improved and Catalytically Efficient Gold Nano Particles. Scientific Reports, 2016, 6, 27575.	3.3	105
7	Gene expression profiling through microarray analysis inArabidopsis thalianacolonized byPseudomonas putidaMTCC5279, a plant growth promoting rhizobacterium. Plant Signaling and Behavior, 2012, 7, 235-245.	2.4	95
8	Characterization of the Antimicrobial Peptide Penisin, a Class Ia Novel Lantibiotic from Paenibacillus sp. Strain A3. Antimicrobial Agents and Chemotherapy, 2016, 60, 580-591.	3.2	73
9	Bio-inspired nanomaterials in agriculture and food: Current status, foreseen applications and challenges. Microbial Pathogenesis, 2018, 123, 196-200.	2.9	62
10	Chlorella vulgaris and Pseudomonas putida interaction modulates phosphate trafficking for reduced arsenic uptake in rice (Oryza sativa L.). Journal of Hazardous Materials, 2018, 351, 177-187.	12.4	60
11	Genomic Resource of Rice Seed Associated Bacteria. Frontiers in Microbiology, 2015, 6, 1551.	3.5	58
12	Laterosporulin10: a novel defensin like Class IId bacteriocin from Brevibacillus sp. strain SKDU10 with inhibitory activity against microbial pathogens. Microbiology (United Kingdom), 2016, 162, 1286-1299.	1.8	58
13	Rhizosphere competent Pantoea agglomerans enhances maize (Zea mays) and chickpea (Cicer arietinum) Tj ETQq1 1 0.784314 rgBT /O 405-413.	1.7	50
14	Trichoderma inoculation ameliorates arsenic induced phytotoxic changes in gene expression and stem anatomy of chickpea (Cicer arietinum). Ecotoxicology and Environmental Safety, 2013, 89, 8-14.	6.0	44
15	Genomic investigation reveals evolution and lifestyle adaptation of endophytic Staphylococcus epidermidis. Scientific Reports, 2016, 6, 19263.	3.3	39
16	Response of indigenously developed bacterial consortia in progressive degradation of polyvinyl chloride. Protoplasma, 2016, 253, 1023-1032.	2.1	39
17	Glimpse into the Genomes of Rice Endophytic Bacteria: Diversity and Distribution of Firmicutes. Frontiers in Microbiology, 2017, 7, 2115.	3.5	37
18	PGPR-induced OsASR6 improves plant growth and yield by altering root auxin sensitivity and the xylem structure in transgenic Arabidopsis thaliana. Journal of Plant Physiology, 2019, 240, 153010.	3.5	34

#	Article	IF	Citations
19	Uncultured bacterial diversity in tropical maize (Zea mays L.) rhizosphere. Journal of Basic Microbiology, 2011, 51, 15-32.	3.3	33
20	A high throughput method and culture medium for rapid screening of phosphate accumulating microorganisms. Bioresource Technology, 2011, 102, 8057-8062.	9.6	28
21	Methylobacterium indicum sp. nov., a facultative methylotrophic bacterium isolated from rice seed. Systematic and Applied Microbiology, 2016, 39, 25-32.	2.8	23
22	Impact of salinity-tolerant MCM6 transgenic tobacco on soil enzymatic activities and the functional diversity of rhizosphere microbial communities. Research in Microbiology, 2012, 163, 511-517.	2.1	16
23	Pseudomonas fluvialis sp. nov., a novel member of the genus Pseudomonas isolated from the river Ganges, India. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 402-408.	1.7	15
24	Evolutionary insights into adaptation of Staphylococcus haemolyticus to human and non-human niches. Genomics, 2020, 112, 2052-2062.	2.9	13
25	Draft Genome Report of Bacillus altitudinis SORB11, Isolated from the Indian Sector of the Southern Ocean. Genome Announcements, 2017, 5, .	0.8	9
26	Metabolite Profiling Reveals Abiotic Stress Tolerance in Tn5 Mutant of Pseudomonas putida. PLoS ONE, 2015, 10, e0113487.	2.5	8
27	Insights from the draft genome of Paenibacillus lentimorbus NRRL B-30488, a promising plant growth promoting bacterium. Journal of Biotechnology, 2013, 168, 737-738.	3.8	7
28	Draft Genome Sequence of the Nonpathogenic, Thermotolerant, and Exopolysaccharide-Producing Bacillus anthracis Strain PFAB2 from Panifala Hot Water Spring in West Bengal, India. Genome Announcements, 2016, 4, .	0.8	7
29	Phylogenomic Based Comparative Studies on Indian and American Commensal Staphylococcus epidermidis Isolates. Frontiers in Microbiology, 2018, 9, 333.	3.5	7
30	Amyloid Proteins in Plant-Associated Microbial Communities. Microbial Physiology, 2021, 31, 88-98.	2.4	7
31	Draft Genome Sequence of Pseudomonas putida Strain MTCC5279. Genome Announcements, 2013, 1, .	0.8	6
32	Draft Genome Sequence of Bifidobacterium pseudocatenulatum Bif4, Isolated from Healthy Infant Feces. Microbiology Resource Announcements, 2020, 9, .	0.6	1
33	Genome insights into plant growth-promoting rhizobacteria, an important component of rhizosphere microbiome.. , 2017, , 375-385.		1
34	Novel insights into the role of the mobilome in ecological diversification and success of Staphylococcus haemolyticus as an opportunistic pathogen. Microbial Genomics, 2022, 8, .	2.0	1
35	Wound Healing Activity of Premna latifolia Roxb.. British Journal of Pharmaceutical Research, 2014, 4, 929-942.	0.4	0
36	Genomic Resource and Genome Guided Comparison of Twenty Type Strains of the Genus Methylobacterium. Canadian Journal of Biotechnology, 2017, 1, 265-265.	0.3	0