

Sandipan Samaddar

List of Publications by Year in descending order

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19
papers

674
citations

623188

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Beneficial Soil Bacterium <i>Pseudomonas frederiksbergensis</i> OS261 Augments Salt Tolerance and Promotes Red Pepper Plant Growth. <i>Frontiers in Plant Science</i> , 2017, 8, 705.	1.7	100
2	The bacterial community structure and functional profile in the heavy metal contaminated paddy soils, surrounding a nonferrous smelter in South Korea. <i>Ecology and Evolution</i> , 2018, 8, 6157-6168.	0.8	82
3	Structural and functional responses of microbial community with respect to salinity levels in a coastal reclamation land. <i>Applied Soil Ecology</i> , 2019, 137, 96-105.	2.1	63
4	Interactions between <i>Pseudomonas</i> spp. and their role in improving the red pepper plant growth under salinity stress. <i>Microbiological Research</i> , 2019, 219, 66-73.	2.5	61
5	Long-term phosphorus limitation changes the bacterial community structure and functioning in paddy soils. <i>Applied Soil Ecology</i> , 2019, 134, 111-115.	2.1	52
6	<i>Brevibacterium linens</i> RS16 confers salt tolerance to <i>Oryza sativa</i> genotypes by regulating antioxidant defense and H ⁺ ATPase activity. <i>Microbiological Research</i> , 2018, 215, 89-101.	2.5	47
7	Inoculation of <i>Brevibacterium linens</i> RS16 in <i>Oryza sativa</i> genotypes enhanced salinity resistance: Impacts on photosynthetic traits and foliar volatile emissions. <i>Science of the Total Environment</i> , 2018, 645, 721-732.	3.9	36
8	Long-term silicate fertilization increases the abundance of Actinobacterial population in paddy soils. <i>Biology and Fertility of Soils</i> , 2019, 55, 109-120.	2.3	36
9	Role of soil in the regulation of human and plant pathogens: soils' contributions to people. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200179.	1.8	30
10	Control of Wilt and Rot Pathogens of Tomato by Antagonistic Pink Pigmented Facultative Methylophilic <i>Delftia lacustris</i> and <i>Bacillus</i> spp.. <i>Frontiers in Plant Science</i> , 2016, 7, 1626.	1.7	29
11	<i>Methylobacterium oryzae</i> CBMB20 influences photosynthetic traits, volatile emission and ethylene metabolism in <i>Oryza sativa</i> genotypes grown in salt stress conditions. <i>Planta</i> , 2019, 249, 1903-1919.	1.6	27
12	Influence of <i>Brevibacterium linens</i> RS16 on foliage photosynthetic and volatile emission characteristics upon heat stress in <i>Eucalyptus grandis</i> . <i>Science of the Total Environment</i> , 2020, 700, 134453.	3.9	25
13	Gut Bacterial Diversity of Insecticide-Susceptible and -Resistant Nymphs of the Brown Planthopper <i>Nilaparvata lugens</i> Stål (Hemiptera: Delphacidae) and Elucidation of Their Putative Functional Roles. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 976-986.	0.9	22
14	Adding alfalfa to an annual crop rotation shifts the composition and functional responses of tomato rhizosphere microbial communities. <i>Applied Soil Ecology</i> , 2021, 167, 104102.	2.1	18
15	Spatial Physicochemical and Metagenomic Analysis of Desert Environment. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1517-1526.	0.9	18
16	Structural and Functional Shift in Soil Bacterial Community in Response to Long-Term Compost Amendment in Paddy Field. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2183.	1.3	12
17	Changes in Structural and Functional Responses of Bacterial Communities under Different Levels of Long-Term Compost Application in Paddy Soils. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 292-296.	0.9	9
18	Long-term inorganic nitrogen application changes the ammonia-oxidizing archaeal community composition in paddy soils. <i>European Journal of Soil Science</i> , 2021, 72, 2246-2260.	1.8	4

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19	Endomicrobial Community Profiles of Two Different Mealybugs: <i>Paracoccus marginatus</i> and <i>Ferrisia virgata</i> . Journal of Microbiology and Biotechnology, 2020, 30, 1013-1017.	0.9	3