

Pandeng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

443
citations

840776

11
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Island biogeography of soil bacteria and fungi: similar patterns, but different mechanisms. <i>ISME Journal</i> , 2020, 14, 1886-1896.	9.8	86
2	Long-term nitrogen input alters plant and soil bacterial, but not fungal beta diversity in a semiarid grassland. <i>Global Change Biology</i> , 2021, 27, 3939-3950.	9.5	64
3	Mechanisms of soil bacterial and fungal community assembly differ among and within islands. <i>Environmental Microbiology</i> , 2020, 22, 1559-1571.	3.8	47
4	Environmental perspectives of microplastic pollution in the aquatic environment: a review. <i>Marine Life Science and Technology</i> , 2020, 2, 414-430.	4.6	36
5	Biogeographical distributions of nitrogen-cycling functional genes in a subtropical estuary. <i>Functional Ecology</i> , 2022, 36, 187-201.	3.6	23
6	Discordance Between Resident and Active Bacterioplankton in Free-Living and Particle-Associated Communities in Estuary Ecosystem. <i>Microbial Ecology</i> , 2018, 76, 637-647.	2.8	22
7	Distinct Biogeography of Different Fungal Guilds and Their Associations With Plant Species Richness in Forest Ecosystems. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	22
8	Unraveling bacteria-mediated degradation of lignin-derived aromatic compounds in a freshwater environment. <i>Science of the Total Environment</i> , 2020, 749, 141236.	8.0	22
9	Warming alters plant phylogenetic and functional community structure. <i>Journal of Ecology</i> , 2020, 108, 2406-2415.	4.0	20
10	Impacts of bio-stimulants on pyrene degradation, prokaryotic community compositions, and functions. <i>Environmental Pollution</i> , 2021, 289, 117863.	7.5	18
11	Resource addition drives taxonomic divergence and phylogenetic convergence of plant communities. <i>Journal of Ecology</i> , 2019, 107, 2121-2132.	4.0	14
12	Rare and phylogenetically distinct plant species exhibit less diverse root-associated pathogen communities. <i>Journal of Ecology</i> , 2019, 107, 1226-1237.	4.0	11
13	<i>Deinococcus aestuarii</i> sp. nov. and <i>Deinococcus aquaedulcis</i> sp. nov., two novel resistant bacteria isolated from pearl river estuary. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 59-68.	1.7	10
14	Habitat-dependent prokaryotic microbial community, potential keystone species, and network complexity in a subtropical estuary. <i>Environmental Research</i> , 2022, 212, 113376.	7.5	10
15	Effect of Environmental Variation on Estimating the Bacterial Species Richness. <i>Frontiers in Microbiology</i> , 2017, 8, 690.	3.5	8
16	Contrasting soil fungal communities at different habitats in a revegetated copper mine wasteland. <i>Soil Ecology Letters</i> , 2020, 2, 8-19.	4.5	7
17	Root-associated fungal community reflects host spatial co-occurrence patterns in a subtropical forest. <i>ISME Communications</i> , 2021, 1, .	4.2	7
18	<i>Roseomonas ponticola</i> sp. nov., a novel bacterium isolated from Pearl River estuary. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	6

#	ARTICLE	IF	CITATIONS
19	Fine-scale spatial patterns in microbial community composition in an acid mine drainage. FEMS Microbiology Ecology, 2017, 93, .	2.7	5
20	Associations between human impacts and forest soil microbial communities. Elementa, 2020, 8, .	3.2	3
21	Unraveling microbe-mediated degradation of lignin and lignin-derived aromatic fragments in the Pearl River Estuary sediments. Chemosphere, 2022, 296, 133995.	8.2	2