Pandeng Wang

List of Publications by Year
in descending order

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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	Biogeographical distributions of nitrogenâ€cycling functional genes in a subtropical estuary. Functional Ecology, 2022, 36, 187-201.	3.6	23
2	Deinococcus aestuarii sp. nov. and Deinococcus aquaedulcis sp. nov., two novel resistant bacteria isolated from pearl river estuary. Antonie Van Leeuwenhoek, 2022, 115, 59-68.	1.7	10
3	Unraveling microbe-mediated degradation of lignin and lignin-derived aromatic fragments in the Pearl River Estuary sediments. Chemosphere, 2022, 296, 133995.	8.2	2
4	Habitat-dependent prokaryotic microbial community, potential keystone species, and network complexity in a subtropical estuary. Environmental Research, 2022, 212, 113376.	7.5	10
5	Longâ€term nitrogen input alters plant and soil bacterial, but not fungal beta diversity in a semiarid grassland. Global Change Biology, 2021, 27, 3939-3950.	9.5	64
6	Impacts of bio-stimulants on pyrene degradation, prokaryotic community compositions, and functions. Environmental Pollution, 2021, 289, 117863.	7.5	18
7	Roseomonas ponticola sp. nov., a novel bacterium isolated from Pearl River estuary. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	6
8	Root-associated fungal community reflects host spatial co-occurrence patterns in a subtropical forest. ISME Communications, 2021, 1, .	4.2	7
9	Mechanisms of soil bacterial and fungal community assembly differ among and within islands. Environmental Microbiology, 2020, 22, 1559-1571.	3.8	47
10	Unraveling bacteria-mediated degradation of lignin-derived aromatic compounds in a freshwater environment. Science of the Total Environment, 2020, 749, 141236.	8.0	22
11	Environmental perspectives of microplastic pollution in the aquatic environment: a review. Marine Life Science and Technology, 2020, 2, 414-430.	4.6	36
12	Warming alters plant phylogenetic and functional community structure. Journal of Ecology, 2020, 108, 2406-2415.	4.0	20
13	Contrasting soil fungal communities at different habitats in a revegetated copper mine wasteland. Soil Ecology Letters, 2020, 2, 8-19.	4.5	7
14	Island biogeography of soil bacteria and fungi: similar patterns, but different mechanisms. ISME Journal, 2020, 14, 1886-1896.	9.8	86
15	Associations between human impacts and forest soil microbial communities. Elementa, 2020, 8, .	3.2	3
16	Resource addition drives taxonomic divergence and phylogenetic convergence of plant communities. Journal of Ecology, 2019, 107, 2121-2132.	4.0	14
17	Distinct Biogeography of Different Fungal Guilds and Their Associations With Plant Species Richness in Forest Ecosystems. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	22
18	Rare and phylogenetically distinct plant species exhibit less diverse rootâ€associated pathogen communities. Journal of Ecology, 2019, 107, 1226-1237.	4.0	11

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19	Discordance Between Resident and Active Bacterioplankton in Free-Living and Particle-Associated Communities in Estuary Ecosystem. Microbial Ecology, 2018, 76, 637-647.	2.8	22
20	Fine-scale spatial patterns in microbial community composition in an acid mine drainage. FEMS Microbiology Ecology, 2017, 93, .	2.7	5
21	Effect of Environmental Variation on Estimating the Bacterial Species Richness. Frontiers in Microbiology, 2017, 8, 690.	3.5	8