

Heng Gui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2848026/publications.pdf>

Version: 2024-02-01

25
papers

818
citations

759233

12
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Taxonomy and phylogeny of the novel rhytidhysterion-like collections in the Greater Mekong Subregion. <i>MycKeys</i> , 2022, 86, 65-85.	1.9	8
2	Enhanced soil quality after forest conversion to vegetable cropland and tea plantations has contrasting effects on soil microbial structure and functions. <i>Catena</i> , 2022, 211, 106029.	5.0	14
3	Introduction of <i>Neolophiotrema xiaokongense</i> gen. et sp. nov. to the poorly represented Anteaeglioniaceae (Pleosporales). <i>Trends in Microbiology</i> , 2022, 30, 100557.	10.784314	10
4	Composition of woody plant communities drives macrofungal community composition in three climatic regions. <i>Journal of Vegetation Science</i> , 2021, 32, e13001.	2.2	4
5	The microplastisphere: Biodegradable microplastics addition alters soil microbial community structure and function. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108211.	8.8	249
6	Active metabolic pathways of anaerobic methane oxidation in paddy soils. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108215.	8.8	32
7	Arbuscular mycorrhizal fungi potentially regulate N ₂ O emissions from agricultural soils via altered expression of denitrification genes. <i>Science of the Total Environment</i> , 2021, 774, 145133.	8.0	27
8	Organic management practices shape the structure and associations of soil bacterial communities in tea plantations. <i>Applied Soil Ecology</i> , 2021, 163, 103975.	4.3	17
9	Fungal Community Composition and Diversity Vary With Soil Horizons in a Subtropical Forest. <i>Frontiers in Microbiology</i> , 2021, 12, 650440.	3.5	19
10	Novel saprobic <i>Hermatomyces</i> species (Hermatomycetaceae, Pleosporales) from China (Yunnan). <i>Trends in Microbiology</i> , 2021, 29, 100557.	1.9	8
11	Taxonomic and phylogenetic insights into novel Ascomycota from contaminated soils in Yunnan, China. <i>Phytotaxa</i> , 2021, 513, 203-225.	0.3	0
12	Microplastics as an emerging threat to plant and soil health in agroecosystems. <i>Science of the Total Environment</i> , 2021, 787, 147444.	8.0	138
13	Effects of degraded grassland conversion to mango plantation on soil CO ₂ fluxes. <i>Applied Soil Ecology</i> , 2021, 167, 104045.	4.3	5
14	Fungal Interactions Matter: <i>Tricholoma matsutake</i> Domination Affect Fungal Diversity and Function in Mountain Forest Soils. <i>Biology</i> , 2021, 10, 1051.	2.8	6
15	Large-Scale Characterization of the Soil Microbiome in Ancient Tea Plantations Using High-Throughput 16S rRNA and Internal Transcribed Spacer Amplicon Sequencing. <i>Frontiers in Microbiology</i> , 2021, 12, 745225.	3.5	12
16	<i>Dothidea kunmingensis</i> , a novel asexual species of Dothideaceae on <i>Jasminum nudiflorum</i> (winter). <i>Trends in Microbiology</i> , 2021, 29, 100557.	0.3	2
17	<i>Funnelformis mosseae</i> alters soil fungal community dynamics and composition during litter decomposition. <i>Fungal Ecology</i> , 2020, 43, 100864.	1.6	11
18	<i>Loculosulcatispora thailandica</i> gen. et sp. nov. (Sulcatisporaceae), saprobic on woody litter in Thailand. <i>Phytotaxa</i> , 2020, 475, 67-78.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Many unreported crop pests and pathogens are probably already present. <i>Global Change Biology</i> , 2019, 25, 2703-2713.	9.5	38
20	Substrate Preference Determines Macrofungal Biogeography in the Greater Mekong Sub-Region. <i>Forests</i> , 2019, 10, 824.	2.1	10
21	Arbuscular mycorrhiza enhance the rate of litter decomposition while inhibiting soil microbial community development. <i>Scientific Reports</i> , 2017, 7, 42184.	3.3	54
22	The Arbuscular Mycorrhizal Fungus <i>Funneliformis mosseae</i> Alters Bacterial Communities in Subtropical Forest Soils during Litter Decomposition. <i>Frontiers in Microbiology</i> , 2017, 8, 1120.	3.5	36
23	Preparation, cellular uptake and angiogenic suppression of shikonin-containing liposomes in <i>in vitro</i> and <i>in vivo</i> . <i>Bioscience Reports</i> , 2013, 33, e00020.	2.4	23
24	Prized edible Asian mushrooms: ecology, conservation and sustainability. <i>Fungal Diversity</i> , 2012, 56, 31-47.	12.3	80
25	Variations in Soil Nutrient Dynamics and Bacterial Communities After the Conversion of Forests to Long-Term Tea Monoculture Systems. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	7