

# Dong Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

588  
citations

759233

12  
h-index

677142

22  
g-index

35  
all docs

35  
docs citations

35  
times ranked

819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil physicochemical and microbial characteristics of contrasting land-use types along soil depth gradients. <i>Catena</i> , 2018, 162, 345-353.	5.0	67
2	The restoration age of <i>Robinia pseudoacacia</i> plantation impacts soil microbial biomass and microbial community structure in the Loess Plateau. <i>Catena</i> , 2018, 165, 192-200.	5.0	56
3	Microbial functionality as affected by experimental warming of a temperate mountain forest soil—A metaproteomics survey. <i>Applied Soil Ecology</i> , 2017, 117-118, 196-202.	4.3	48
4	Effects of Revegetation on Soil Microbial Biomass, Enzyme Activities, and Nutrient Cycling on the Loess Plateau in China. <i>Restoration Ecology</i> , 2013, 21, 600-607.	2.9	38
5	Geographic distance and soil microbial biomass carbon drive biogeographical distribution of fungal communities in Chinese Loess Plateau soils. <i>Science of the Total Environment</i> , 2019, 660, 1058-1069.	8.0	36
6	The Biogeographical Distribution of Soil Bacterial Communities in the Loess Plateau as Revealed by High-Throughput Sequencing. <i>Frontiers in Microbiology</i> , 2018, 9, 2456.	3.5	35
7	Response of Microbial Communities and Their Metabolic Functions to Drying—Rewetting Stress in a Temperate Forest Soil. <i>Microorganisms</i> , 2019, 7, 129.	3.6	35
8	Is there a convergence of deciduous leaf litter stoichiometry, biochemistry and microbial population during decay?. <i>Geoderma</i> , 2016, 272, 93-100.	5.1	33
9	Effects of nitrogen addition on rhizospheric soil microbial communities of poplar plantations at different ages. <i>Forest Ecology and Management</i> , 2021, 494, 119328.	3.2	28
10	Decoupled diversity patterns in microbial geographic distributions on the arid area (the Loess) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	5.0	25
11	Relationship between maturity and microbial communities during pig manure composting by phospholipid fatty acid (PLFA) and correlation analysis. <i>Journal of Environmental Management</i> , 2018, 206, 532-539.	7.8	20
12	Passive and active ecological restoration strategies for abandoned farmland leads to shifts in potential soil nitrogen loss by denitrification and soil denitrifying microbes. <i>Land Degradation and Development</i> , 2020, 31, 1086-1098.	3.9	20
13	Diversity patterns and drivers of soil bacterial and fungal communities along elevational gradients in the Southern Himalayas, China. <i>Applied Soil Ecology</i> , 2022, 178, 104563.	4.3	16
14	Long-Term Nitrogen Deposition Alters Ectomycorrhizal Community Composition and Function in a Poplar Plantation. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 791.	3.5	15
15	Variability in Soil Microbial Biomass and Diversity Among Different Aggregate-Size Fractions of Different Land Use Types. <i>Soil Science</i> , 2014, 179, 242-249.	0.9	13
16	Dynamics of soil nitrogen fractions and their relationship with soil microbial communities in two forest species of northern China. <i>PLoS ONE</i> , 2018, 13, e0196567.	2.5	12
17	Circumscription and phylogeny of the <i>Lepidostromatales</i> ( <i>Lichenized Basidiomycota</i> ) following discovery of new species from China and Africa. <i>Mycologia</i> , 2017, 109, 730-748.	1.9	10
18	Amino acid substitutions in antigenic region B of hemagglutinin play a critical role in the antigenic drift of subclade 2.3.4.4 highly pathogenic H5NX influenza viruses. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 263-275.	3.0	9

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19	Microbiome Community Structure and Functional Gene Partitioning in Different Micro-Niches Within a Sporocarp-Forming Fungus. <i>Frontiers in Microbiology</i> , 2021, 12, 629352.	3.5	9
20	<i>Tuber pseudohimalayense</i> ascomata-compartments strongly select their associated bacterial microbiome from nearby pine forest soils independently of their maturation stage. <i>Pedobiologia</i> , 2021, 87-88, 150743.	1.2	9
21	Taxonomic study of the genus <i>Anzia</i> ( <i>Lecanorales</i> , lichenized Ascomycota) from Hengduan Mountains, China. <i>Lichenologist</i> , 2015, 47, 99-115.	0.8	8
22	Macrofungi Cultivation in Shady Forest Areas Significantly Increases Microbiome Diversity, Abundance and Functional Capacity in Soil Furrows. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 775.	3.5	7
23	Land rehabilitation improves edaphic conditions and increases soil microbial biomass and abundance. <i>Soil Ecology Letters</i> , 2020, 2, 145-156.	4.5	6
24	Anemochore Seeds Harbor Distinct Fungal and Bacterial Abundance, Composition, and Functional Profiles. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 89.	3.5	6
25	Provenances originate morphological and microbiome variation of <i>Tuber pseudobrumale</i> in southwestern China despite strong genetic consistency. <i>Mycological Progress</i> , 2020, 19, 1545-1558.	1.4	5
26	New species and records of <i>Pyxine</i> (Caliciaceae) in China. <i>MycKeys</i> , 2019, 45, 93-109.	1.9	5
27	Distinct Compartmentalization of Microbial Community and Potential Metabolic Function in the Fruiting Body of <i>Tricholoma matsutake</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 586.	3.5	4
28	Soil Rehabilitation Promotes Resilient Microbiome with Enriched Keystone Taxa than Agricultural Infestation in Barren Soils on the Loess Plateau. <i>Biology</i> , 2021, 10, 1261.	2.8	4
29	The Genus <i>Letrouitia</i> (Letrouitiaceae: Lichenized Ascomycota) New to Cambodia. <i>Mycobiology</i> , 2015, 43, 163-165.	1.7	2
30	The genus <i>Bulbothrix</i> (Parmeliaceae) in China. <i>Lichenologist</i> , 2016, 48, 121-133.	0.8	2
31	Three new species and one new combination of <i>Gypsoplaca</i> (lichenized Ascomycota) from the Hengduan Mountains in China. <i>Mycological Progress</i> , 2018, 17, 781-790.	1.4	2
32	A design of self-service speech explaining system based on RFID. , 2012, , .		1
33	New species and new records of Ophioparmaceae (lichenized Ascomycota) from China. <i>Lichenologist</i> , 2018, 50, 89-99.	0.8	1
34	Truffle species strongly shape their surrounding soil mycobiota in a <i>Pinus armandii</i> forest. <i>Archives of Microbiology</i> , 2021, 203, 6303-6314.	2.2	1
35	Taxonomic Study of <i>Hypotrachyna</i> Subg. <i>Everniastrum</i> (Hale Ex Sipman) Divakar, A.Crespo, Sipman, Elix & Lumbsch (Ascomycota) from China. <i>Cryptogamie, Mycologie</i> , 2020, 41, .	1.0	0