Liang-Dong Guo

List of Publications by Year
in descending order

63	5,399	186265 28	128289 60
papers	citations	h-index	g-index

63	63	63	7032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tree mycorrhizal type and tree diversity shape the forest soil microbiota. Environmental Microbiology, 2022, 24, 4236-4255.	3.8	22
2	Phosphorus fertilization rather than nitrogen fertilization, growing season and plant successional stage structures arbuscular mycorrhizal fungal community in a subtropical forest. Biology and Fertility of Soils, 2021, 57, 685-697.	4.3	20
3	Assembly processes lead to divergent soil fungal communities within and among 12 forest ecosystems along a latitudinal gradient. New Phytologist, 2021, 231, 1183-1194.	7.3	20
4	Plant identity strongly structures the root-associated fungal community in a diverse subtropical forest. Basic and Applied Ecology, 2021, 55, 98-109.	2.7	9
5	Specific network and phylosymbiosis pattern in endophyte community of coastal halophytes. Fungal Ecology, 2021, 53, 101088.	1.6	3
6	Sporormminone A and 2-epi-sporormminone A, two new chromones from an endolichenic fungus Sporormiella irregularis. Natural Product Research, 2020, 34, 3117-3124.	1.8	3
7	Host identity is more important in structuring bacterial epiphytes than endophytes in a tropical mangrove forest. FEMS Microbiology Ecology, 2020, 96, .	2.7	19
8	Diversity and community of culturable endophytic fungi from stems and roots of desert halophytes in northwest China. MycoKeys, 2020, 62, 75-95.	1.9	30
9	Response of arbuscular mycorrhizal fungal community in soil and roots to grazing differs in a wetland on the Qinghai-Tibet plateau. PeerJ, 2020, 8, e9375.	2.0	6
10	Effect of drought and season on arbuscular mycorrhizal fungi in a subtropical secondary forest. Fungal Ecology, 2019, 41, 107-115.	1.6	30
11	Late Quaternary climate change explains soil fungal community composition rather than fungal richness in forest ecosystems. Ecology and Evolution, 2019, 9, 6678-6692.	1.9	9
12	Host plant phylogeny and geographic distance strongly structure Betulaceae-associated ectomycorrhizal fungal communities in Chinese secondary forest ecosystems. FEMS Microbiology Ecology, 2019, 95, .	2.7	28
13	Phyllosphere epiphytic and endophytic fungal community and network structures differ in a tropical mangrove ecosystem. Microbiome, 2019, 7, 57.	11.1	146
14	Community Assembly of Endophytic Fungi in Ectomycorrhizae of Betulaceae Plants at a Regional Scale. Frontiers in Microbiology, 2019, 10, 3105.	3.5	14
15	Presidential address: recent advance of mycorrhizal research in China. Mycology, 2018, 9, 1-6.	4.4	4
16	Host Phylogeny Is a Major Determinant of Fagaceae-Associated Ectomycorrhizal Fungal Community Assembly at a Regional Scale. Frontiers in Microbiology, 2018, 9, 2409.	3.5	36
17	Phylogenetic relatedness explains highly interconnected and nested symbiotic networks of woody plants and arbuscular mycorrhizal fungi in a Chinese subtropical forest. Molecular Ecology, 2017, 26, 2563-2575.	3.9	31
18	Dryland forest management alters fungal community composition and decouples assembly of root- and soil-associated fungal communities. Soil Biology and Biochemistry, 2017, 109, 14-22.	8.8	39

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19	Relationships between soil fungal and woody plant assemblages differ between ridge and valley habitats in a subtropical mountain forest. New Phytologist, 2017, 213, 1874-1885.	7.3	67
20	A New Xanthone Glycoside from the Endolichenic Fungus Sporormiella irregularis. Molecules, 2016, 21, 764.	3.8	13
21	Community structure of endophytic fungi of four mangrove species in Southern China. Mycology, 2016, 7, 180-190.	4.4	37
22	Increased precipitation, rather than warming, exerts a strong influence on arbuscular mycorrhizal fungal community in a semiarid steppe ecosystem. Botany, 2016, 94, 459-469.	1.0	78
23	Plant Identity Exerts Stronger Effect than Fertilization on Soil Arbuscular Mycorrhizal Fungi in a Sown Pasture. Microbial Ecology, 2016, 72, 647-658.	2.8	32
24	Arbuscular mycorrhizal fungal community composition affected by original elevation rather than translocation along an altitudinal gradient on the Qinghai-Tibet Plateau. Scientific Reports, 2016, 6, 36606.	3.3	20
25	Arbuscular mycorrhizal fungus identity and diversity influence subtropical tree competition. Fungal Ecology, 2016, 20, 115-123.	1.6	16
26	Pseudopestalotiopsis ignota and Ps. camelliae spp. nov. associated with grey blight disease of tea in China. Mycological Progress, 2016, 15, 1.	1.4	31
27	Arbuscular mycorrhizal fungal community response to warming and nitrogen addition in a semiarid steppe ecosystem. Mycorrhiza, 2015, 25, 267-276.	2.8	92
28	Community assembly of ectomycorrhizal fungi along a subtropical secondary forest succession. New Phytologist, 2015, 205, 771-785.	7.3	107
29	Different responses of arbuscular mycorrhizal fungal community to day-time and night-time warming in a semiarid steppe. Science Bulletin, 2014, 59, 5080-5089.	1.7	15
30	Differential responses of arbuscular mycorrhizal fungi to nitrogen addition in a near pristine Tibetan alpine meadow. FEMS Microbiology Ecology, 2014, 89, 594-605.	2.7	79
31	Global diversity and geography of soil fungi. Science, 2014, 346, 1256688.	12.6	2,513
32	Two new species, Pythium agreste and P. wuhanense, based on morphological characteristics and DNA sequence data. Mycological Progress, 2014, 13, 145-155.	1.4	9
33	Improving the backbone tree for the genus Pestalotiopsis; addition of P. steyaertii and P. magna sp. nov.. Mycological Progress, 2014, 13, 617-624.	1.4	37
34	Sporormiellin A, the first tetrahydrofuran-fused furochromone with an unprecedented tetracyclic skeleton from Sporormiella minima. RSC Advances, 2014, 4, 24295-24299.	3.6	16
35	Host plant richness explains diversity of ectomycorrhizal fungi: Response to the comment of Tedersoo etÂal. (2014). Molecular Ecology, 2014, 23, 996-999.	3.9	6
36	Host plant genusâ€level diversity is the best predictor of ectomycorrhizal fungal diversity in a Chinese subtropical forest. Molecular Ecology, 2013, 22, 3403-3414.	3.9	133

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37	Pestalotiopsis yunnanensis sp. nov., an endophyte from Podocarpus macrophyllus (Podocarpaceae) based on morphology and ITS sequence data. Mycological Progress, 2013, 12, 563-568.	1.4	11
38	Changes in arbuscular mycorrhizal fungus community along an exotic plant Eupatorium adenophorum invasion in a chinese secondary forest. Journal of Microbiology, 2013, 51, 295-300.	2.8	13
39	Pestalotiopsis species associated with Camellia sinensis (tea). Mycotaxon, 2013, 123, 47-61.	0.3	52
40	The Arbuscular Mycorrhizal Fungal Community Response to Warming and Grazing Differs between Soil and Roots on the Qinghai-Tibetan Plateau. PLoS ONE, 2013, 8, e76447.	2.5	67
41	A destructive new disease of Syzygium samarangense in Thailand caused by the new species Pestalotiopsis samarangensis. Tropical Plant Pathology, 2013, 38, 227-235.	1.5	50
42	New Azaphilones and Chlorinated Phenolic Glycosides from Chaetomium elatum with Caspase-3 Inhibitory Activity. Planta Medica, 2012, 78, 1683-1689.	1.3	34
43	Ectomycorrhizal fungus communities of Quercus liaotungensis Koidz of different ages in a northern China temperate forest. Mycorrhiza, 2012, 22, 461-470.	2.8	31
44	A multi-locus backbone tree for Pestalotiopsis, with a polyphasic characterization of 14 new species. Fungal Diversity, 2012, 56, 95-129.	12.3	211
45	Two new Pythium species from China based on the morphology and DNA sequence data. Mycological Progress, 2012, 11, 689-698.	1.4	19
46	Community assembly during secondary forest succession in a Chinese subtropical forest. Ecological Monographs, 2011, 81, 25-41.	5.4	222
47	Seasonality and host preference of arbuscular mycorrhizal fungi of five plant species in the inner Mongolia steppe, China. Brazilian Journal of Microbiology, 2011, 42, 57-65.	2.0	21
48	Community composition of endophytic fungi in Acer truncatum and their role in decomposition. Fungal Diversity, 2011, 47, 85-95.	12.3	178
49	Pestalotiopsisâ€”morphology, phylogeny, biochemistry and diversity. Fungal Diversity, 2011, 50, 167-187.	12.3	198
50	Ectomycorrhizae associated with Castanopsis fargesii (Fagaceae) in a subtropical forest, China. Mycological Progress, 2011, 10, 323-332.	1.4	20
51	Response of endophytic fungi of Stipa grandis to experimental plant function group removal in Inner Mongolia steppe, China. Fungal Diversity, 2010, 43, 93-101.	12.3	73
52	Micronematobotrys, a new genus and its phylogenetic placement based on rDNA sequence analyses. Mycological Progress, 2010, 9, 567-574.	1.4	22
53	Cultural studies coupled with DNA based sequence analyses and its implication on pigmentation as a phylogenetic marker in Pestalotiopsis taxonomy. Molecular Phylogenetics and Evolution, 2010, 57, 528-535.	2.7	67
54	A comparative study of arbuscular mycorrhizal fungi in forest, grassland and cropland in the Tibetan Plateau, China. Mycology, 2010, 1, 163-170.	4.4	12

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55	Ectomycorrhizal community composition of Pinus tabulaeformis assessed by ITS-RFLP and ITS sequences. Botany, 2010, 88, 590-595.	1.0	20
56	Molecular Diversity and Identification of Endophytic Fungi. , 2010, , 277-296.		4
57	Seasonal and Tissue Age Influences on Endophytic Fungi of Pinus tabulaeformis (Pinaceae) in the Dongling Mountains, Beijing. Journal of Integrative Plant Biology, 2008, 50, 997-1003.	8.5	115
58	Spatial structure and diversity of woody plants and ectomycorrhizal fungus sporocarps in a natural subtropical forest. Mycorrhiza, 2007, 17, 271-278.	2.8	13
59	Arbuscular mycorrhizal structure and fungi associated with mosses. Mycorrhiza, 2007, 17, 319-325.	2.8	46
60	Arbuscular mycorrhizal fungi in non-grazed, restored and over-grazed grassland in the Inner Mongolia steppe. Mycorrhiza, 2007, 17, 689-693.	2.8	62
61	Arbuscular mycorrhizal fungi associated with common pteridophytes in Dujiangyan, southwest China. Mycorrhiza, 2004, 14, 25-30.	2.8	49
62	Genetic diversity of an ectomycorrhizal fungus Tricholoma terreum in a Larix principis-rupprechtii stand assessed using random amplified polymorphic DNA. Mycorrhiza, 2003, 13, 265-270.	2.8	18
63	Effects of ectomycorrhizal fungal identity and diversity on subtropical tree competition. Journal of Plant Ecology, 0, , rtw060.	2.3	1