

# Zhu L Yang

## List of Publications by Year in descending order

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98  
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2,829  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Phylogenetic analysis reveals the new genus <i>Amoenoboletus</i> from Asia and New Zealand. <i>Mycologia</i> , 2022, 114, 144-156.	1.9	3
2	The genera <i>Bonomyces</i> , <i>Harmajaea</i> and <i>Notholepista</i> from Northwestern China: two new species and a new record. <i>Mycological Progress</i> , 2022, 21, 1.	1.4	5
3	<i>Tricholoma</i> sect. <i>Tricholoma</i> ( <i>Tricholomataceae</i> ) from China: molecular phylogeny and taxonomy. <i>Mycological Progress</i> , 2022, 21, 1.	1.4	3
4	<i>Amanita</i> sect. <i>Phalloideae</i> : two interesting non-lethal species from West Africa. <i>Mycological Progress</i> , 2022, 21, 1.	1.4	5
5	Two new species of <i>Tricholoma</i> sect. <i>Genuina</i> ( <i>Agaricales</i> ) from China based on molecular phylogenetic and morphological evidence. <i>Mycological Progress</i> , 2022, 21, 1.	1.4	1
6	<i>Amanita pallidoverruca</i> , a new species of <i>Amanita</i> section <i>Validae</i> from the Hengduan Mountains, southwestern China. <i>Phytotaxa</i> , 2022, 542, 73-82.	0.3	2
7	Genes and evolutionary fates of the amanitin biosynthesis pathway in poisonous mushrooms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2201113119.	7.1	10
8	Novel Cyclic Peptides from Lethal <i>Amanita</i> Mushrooms through a Genome-Guided Approach. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 204.	3.5	9
9	<i>Squamanitaceae</i> and three new species of <i>Squamanita</i> parasitic on <i>Amanita</i> basidiomes. <i>IMA Fungus</i> , 2021, 12, 4.	3.8	6
10	A new clitocyboid genus <i>Spodocybe</i> and a new subfamily <i>Cuphophylloideae</i> in the family <i>Hygrophoraceae</i> ( <i>Agaricales</i> ). <i>MycoKeys</i> , 2021, 79, 129-148.	1.9	5
11	Two new <i>Laccaria</i> species from China based on molecular and morphological evidence. <i>Mycological Progress</i> , 2021, 20, 567-576.	1.4	4
12	Cyanescent <i>Gyroporus</i> ( <i>Gyroporaceae</i> , <i>Boletales</i> ) from China. <i>MycoKeys</i> , 2021, 81, 165-183.	1.9	3
13	Mating Systems in True Morels ( <i>Morchella</i> ). <i>Microbiology and Molecular Biology Reviews</i> , 2021, 85, e0022020.	6.6	26
14	Genomic and Experimental Investigations of <i>Auriscalpium</i> and <i>Strobilurus</i> Fungi Reveal New Insights into Pinecone Decomposition. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 679.	3.5	1
15	The Genus <i>Leccinum</i> ( <i>Boletaceae</i> , <i>Boletales</i> ) from China Based on Morphological and Molecular Data. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 732.	3.5	6
16	Four New Species of <i>Hemileccinum</i> ( <i>Xerocomoideae</i> , <i>Boletaceae</i> ) from Southwestern China. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 823.	3.5	6
17	<i>Kaziboletus</i> , a new boletoid genus of <i>Boletaceae</i> associated with <i>Shorea robusta</i> in Bangladesh. <i>Mycological Progress</i> , 2021, 20, 1145-1156.	1.4	6
18	<i>Psiloboletinus</i> is an independent genus sister to <i>Suillus</i> . <i>Mycologia</i> , 2020, 112, 185-196.	1.9	3

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19	Transcriptome data reveal conserved patterns of fruiting body development and response to heat stress in the mushroom-forming fungus <i>Flammulina filiformis</i> . PLoS ONE, 2020, 15, e0239890.	2.5	20
20	Morphology, Multilocus Phylogeny, and Toxin Analysis Reveal <i>Amanita albolimbata</i> , the First Lethal <i>Amanita</i> Species From Benin, West Africa. Frontiers in Microbiology, 2020, 11, 599047.	3.5	4
21	Multigene phylogeny of the family Cordycipitaceae (Hypocreales): new taxa and the new systematic position of the Chinese cordycipitoid fungus <i>Paecilomyces hepiali</i> . Fungal Diversity, 2020, 103, 1-46.	12.3	59
22	Evidence for a Dark Septate Endophyte ( <i>Exophiala pisciphila</i> , H93) Enhancing Phosphorus Absorption by Maize Seedlings. Plant and Soil, 2020, 452, 249-266.	3.7	35
23	The saprotrophic <i>Pleurotus ostreatus</i> species complex: late Eocene origin in East Asia, multiple dispersal, and complex speciation. IMA Fungus, 2020, 11, 10.	3.8	17
24	<i>Clitopilus</i> , <i>Clitocella</i> , and <i>Clitopilopsis</i> in China. Mycologia, 2020, 112, 371-399.	1.9	9
25	<i>Phallus dongsun</i> and <i>P. lutescens</i> ; two new species of Phallaceae (Basidiomycota) from China. Phytotaxa, 2020, 443, 19-37.	0.3	6
26	Two new species of <i>Tricholoma</i> sect. <i>Genuina</i> (Agaricales) from China. Phytotaxa, 2020, 443, 155-166.	0.3	4
27	Title is missing!. , 2020, 15, e0239890.		0
28	Title is missing!. , 2020, 15, e0239890.		0
29	Title is missing!. , 2020, 15, e0239890.		0
30	Title is missing!. , 2020, 15, e0239890.		0
31	Title is missing!. , 2020, 15, e0239890.		0
32	Title is missing!. , 2020, 15, e0239890.		0
33	Title is missing!. , 2020, 15, e0239890.		0
34	Title is missing!. , 2020, 15, e0239890.		0
35	Genome of lethal <i>Lepiota venenata</i> and insights into the evolution of toxin-biosynthetic genes. BMC Genomics, 2019, 20, 198.	2.8	20
36	Two new taxa of the <i>Auriscalpium vulgare</i> species complex with substrate preferences. Mycological Progress, 2019, 18, 641-652.	1.4	5

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37	Species diversity, distribution patterns, and substrate specificity of <i>Strobilurus</i> . <i>Mycologia</i> , 2018, 110, 584-604.	1.9	10
38	African origin and global distribution patterns: Evidence inferred from phylogenetic and biogeographical analyses of ectomycorrhizal fungal genus <i>Strobilomyces</i> . <i>Journal of Biogeography</i> , 2018, 45, 201-212.	3.0	28
39	The MSDIN family in amanitin-producing mushrooms and evolution of the prolyl oligopeptidase genes. <i>IMA Fungus</i> , 2018, 9, 225-242.	3.8	19
40	A multi-gene phylogeny of <i>Chlorophyllum</i> (Agaricaceae, Basidiomycota): new species, new combination and infrageneric classification. <i>MycoKeys</i> , 2018, 32, 65-90.	1.9	24
41	The genus <i>Heimioporus</i> in China. <i>Mycologia</i> , 2018, 110, 1110-1126.	1.9	7
42	Diversity and taxonomy of <i>Tricholoma</i> species from Yunnan, China, and notes on species from Europe and North America. <i>Mycologia</i> , 2018, 110, 1081-1109.	1.9	18
43	<i>Spongispora temasekensis</i> , a new boletoid genus and species from Singapore. <i>Mycologia</i> , 2018, 110, 919-929.	1.9	15
44	The family Amanitaceae: molecular phylogeny, higher-rank taxonomy and the species in China. <i>Fungal Diversity</i> , 2018, 91, 5-230.	12.3	83
45	Genetic diversity and structure of core collection of winter mushroom ( <i>Flammulina velutipes</i> ) developed by genomic SSR markers. <i>Hereditas</i> , 2018, 155, 3.	1.4	26
46	Phylogeny and species delimitation of <i>Flammulina</i> : taxonomic status of winter mushroom in East Asia and a new European species identified using an integrated approach. <i>Mycological Progress</i> , 2018, 17, 1013-1030.	1.4	48
47	Using mating-type loci to improve taxonomy of the <i>Tuber indicum</i> complex, and discovery of a new species, <i>T. longispinosum</i> . <i>PLoS ONE</i> , 2018, 13, e0193745.	2.5	13
48	Species clarification of oyster mushrooms in China and their DNA barcoding. <i>Mycological Progress</i> , 2017, 16, 191-203.	1.4	16
49	Mixed-reproductive strategies, competitive mating-type distribution and life cycle of fourteen black morel species. <i>Scientific Reports</i> , 2017, 7, 1493.	3.3	38
50	Ecological and physical barriers shape genetic structure of the Alpine porcini ( <i>Boletus reticuloceps</i> ). <i>Mycorrhiza</i> , 2017, 27, 261-272.	2.8	10
51	The genus <i>Pulveroboletus</i> (Boletaceae, Boletales) in China. <i>Mycologia</i> , 2017, 109, 422-442.	1.9	23
52	Notes on <i>Amanita</i> section <i>Caesareae</i> from Malaysia. <i>Mycologia</i> , 2017, 109, 1-11.	1.9	6
53	Out of Asia: Biogeography of fungal populations reveals Asian origin of diversification of the <i>Laccaria amethystina</i> complex, and two new species of violet <i>Laccaria</i> . <i>Fungal Biology</i> , 2017, 121, 939-955.	2.5	24
54	Genetic diversity and breeding history of Winter Mushroom ( <i>Flammulina velutipes</i> ) in China uncovered by genomic SSR markers. <i>Gene</i> , 2016, 591, 227-235.	2.2	34

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55	High inbreeding, limited recombination and divergent evolutionary patterns between two sympatric morel species in China. <i>Scientific Reports</i> , 2016, 6, 22434.	3.3	20
56	Multilocus phylogenetic analyses reveal unexpected abundant diversity and significant disjunct distribution pattern of the Hedgehog Mushrooms ( <i>Hydnum</i> L.). <i>Scientific Reports</i> , 2016, 6, 25586.	3.3	29
57	Lethal <i>Amanita</i> species in China. <i>Mycologia</i> , 2016, 108, 993-1009.	1.9	59
58	One hundred noteworthy boletes from China. <i>Fungal Diversity</i> , 2016, 81, 25-188.	12.3	142
59	Drainage isolation and climate change-driven population expansion shape the genetic structures of <i>Tuber indicum</i> complex in the Hengduan Mountains region. <i>Scientific Reports</i> , 2016, 6, 21811.	3.3	29
60	Four new genera of the fungal family Boletaceae. <i>Fungal Diversity</i> , 2016, 81, 1-24.	12.3	61
61	Porcini mushrooms ( <i>Boletus</i> sect. <i>Boletus</i> ) from China. <i>Fungal Diversity</i> , 2016, 81, 189-212.	12.3	36
62	Diversity and distribution patterns of root-associated fungi on herbaceous plants in alpine meadows of southwestern China. <i>Mycologia</i> , 2016, 108, 281-291.	1.9	29
63	The genus <i>Retiboletus</i> in China. <i>Mycologia</i> , 2016, 108, 363-380.	1.9	28
64	Three new species of <i>Physalacria</i> from China, with a key to the Asian taxa. <i>Mycologia</i> , 2016, 108, 215-226.	1.9	6
65	Phylogenetic Analyses of <i>Armillaria</i> Reveal at Least 15 Phylogenetic Lineages in China, Seven of Which Are Associated with Cultivated <i>Gastrodia elata</i> . <i>PLoS ONE</i> , 2016, 11, e0154794.	2.5	49
66	Solving the ecological puzzle of mycorrhizal associations using data from annotated collections and environmental samples – an example of saddle fungi. <i>Environmental Microbiology Reports</i> , 2015, 7, 658-667.	2.4	18
67	Taxonomy and phylogenetic position of species of <i>Amanita</i> sect. <i>Vaginatae</i> s.l. from tropical Africa. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	15
68	A review on research advances, issues, and perspectives of morels. <i>Mycology</i> , 2015, 6, 78-85.	4.4	55
69	<i>Hourangia</i> , a new genus of Boletaceae to accommodate <i>Xerocomus cheoi</i> and its allied species. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	22
70	Four new species in <i>Leucoagaricus</i> ( <i>Agaricaceae</i> , Basidiomycota) from Asia. <i>Mycologia</i> , 2015, 107, 1033-1044.	1.9	18
71	Fungal diversity notes 111 – 252 – taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2015, 75, 27-274.	12.3	375
72	A geographical extension of the North American genus <i>Bothia</i> (Boletaceae, Boletales) to East Asia with a new species <i>B. fujianensis</i> from China. <i>Mycological Progress</i> , 2015, 14, 1.	1.4	7

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73	Multigene Molecular Phylogeny and Biogeographic Diversification of the Earth Tongue Fungi in the Genera <i>Cudonia</i> and <i>Spathularia</i> (Rhytismatales, Ascomycota). <i>PLoS ONE</i> , 2014, 9, e103457.	2.5	21
74	Multi-locus phylogeny of lethal amanitas: Implications for species diversity and historical biogeography. <i>BMC Evolutionary Biology</i> , 2014, 14, 143.	3.2	104
75	A new species of <i>Amanita</i> section <i>Lepidella</i> from South China. <i>Mycological Progress</i> , 2014, 13, 211-217.	1.4	19
76	Morphological and molecular evidence for a new species of <i>Rhodotus</i> from tropical and subtropical Yunnan, China. <i>Mycological Progress</i> , 2014, 13, 45-53.	1.4	18
77	Molecular phylogenetic analyses redefine seven major clades and reveal 22 new generic clades in the fungal family Boletaceae. <i>Fungal Diversity</i> , 2014, 69, 93-115.	12.3	183
78	<i>Paraxerula ellipsospora</i> , a new Asian species of Physalacriaceae. <i>Mycological Progress</i> , 2014, 13, 639-647.	1.4	14
79	Molecular phylogeny of <i>Caloboletus</i> (Boletaceae) and a new species in East Asia. <i>Mycological Progress</i> , 2014, 13, 1127.	1.4	25
80	A new genus <i>Pseudoaustroboletus</i> (Boletaceae, Boletales) from Asia as inferred from molecular and morphological data. <i>Mycological Progress</i> , 2014, 13, 1207.	1.4	29
81	The taxonomic foundation, species circumscription and continental endemisms of <i>Singerocybe</i> : evidence from morphological and molecular data. <i>Mycologia</i> , 2014, 106, 1015-1026.	1.9	16
82	<i>Lepiota coloratipes</i> , a new species for <i>Lepiota rufipes</i> ss. Auct. europ. non ss. orig.. <i>Mycological Progress</i> , 2014, 13, 171-179.	1.4	7
83	<i>Borofutus</i> , a new genus of Boletaceae from tropical Asia: phylogeny, morphology and taxonomy. <i>Fungal Diversity</i> , 2013, 58, 215-226.	12.3	66
84	New species and distinctive geographical divergences of the genus <i>Sparassis</i> (Basidiomycota): evidence from morphological and molecular data. <i>Mycological Progress</i> , 2013, 12, 445-454.	1.4	26
85	The genus <i>Phylloporus</i> (Boletaceae, Boletales) from China: morphological and multilocus DNA sequence analyses. <i>Fungal Diversity</i> , 2013, 58, 73-101.	12.3	86
86	<i>Trogia venenata</i> (Agaricales), a novel poisonous species which has caused hundreds of deaths in southwestern China. <i>Mycological Progress</i> , 2012, 11, 937-945.	1.4	25
87	Multigene molecular phylogenetics reveals true morels ( <i>Morchella</i> ) are especially species-rich in China. <i>Fungal Genetics and Biology</i> , 2012, 49, 455-469.	2.1	107
88	<i>Occultocarpon</i> , a new monotypic genus of Gnomoniaceae on <i>Alnus nepalensis</i> from China. <i>Fungal Diversity</i> , 2012, 52, 99-105.	12.3	17
89	<i>Zangia</i> , a new genus of Boletaceae supported by molecular and morphological evidence. <i>Fungal Diversity</i> , 2011, 49, 125-143.	12.3	86
90	Molecular techniques revolutionize knowledge of basidiomycete evolution. <i>Fungal Diversity</i> , 2011, 50, 47-58.	12.3	60

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91	Three new species of <i>Lentinus</i> from northern Thailand. <i>Mycological Progress</i> , 2011, 10, 389-398.	1.4	26
92	Lethal amanitas of East Asia characterized by morphological and molecular data. <i>Fungal Diversity</i> , 2010, 42, 119-133.	12.3	69
93	<i>Ovipoculum album</i> , a new anamorph with gelatinous cupulate bulbiferous conidiomata from China and with affinities to the Auriculariales (Basidiomycota). <i>Fungal Diversity</i> , 2010, 43, 55-65.	12.3	16
94	The genus <i>Macrolepiota</i> (Agaricaceae, Basidiomycota) in China. <i>Fungal Diversity</i> , 2010, 45, 81-98.	12.3	36
95	New Asian species of the genus <i>Anamika</i> (euagarics, hebelomatoid clade) based on morphology and ribosomal DNA sequences. <i>Mycological Research</i> , 2005, 109, 1259-1267.	2.5	15
96	New species of <i>Amanita</i> from the eastern Himalaya and adjacent regions. <i>Mycologia</i> , 2004, 96, 636-646.	1.9	22
97	New species of <i>Amanita</i> from the eastern Himalaya and adjacent regions. <i>Mycologia</i> , 2004, 96, 636-46.	1.9	3
98	<i>Mycoamaranthus cambodgensis</i> comb. nov., a widely distributed sequestrate basidiomycete from Australia and southeastern Asia. <i>Mycological Progress</i> , 2003, 2, 323-325.	1.4	6