Young Woon Lim

List of Publications by Citations

90 papers	1,309 citations	16 h-index	33 g-index
95 ext. papers	1,764 ext. citations	4 avg, IF	4.36 L-index

#	Paper	IF	Citations
90	Contributions of rpb2 and tef1 to the phylogeny of mushrooms and allies (Basidiomycota, Fungi). *Molecular Phylogenetics and Evolution*, **2007**, 43, 430-51	4.1	264
89	Notes, outline and divergence times of Basidiomycota. *Fungal Diversity*, **2019**, 99, 105-367	17.6	116
88	Fungal diversity notes 603–708: taxonomic and phylogenetic notes on genera and species. *Fungal Diversity*, **2017**, 87, 1-235	17.6	107
87	Fungal diversity notes 929–1035: taxonomic and phylogenetic contributions on genera and species of fungi. *Fungal Diversity*, **2019**, 95, 1-273	17.6	105
86	Identifying airborne fungi in Seoul, Korea using metagenomics. *Journal of Microbiology*, **2014**, 52, 465-723		35
85	Delimitation of russula subgenus amoenula in Korea using three molecular markers. *Mycobiology*, **2013**, 41, 191-201	1.7	35
84	Reviewing the world's edible mushroom species: A new evidence-based classification system. *Comprehensive Reviews in Food Science and Food Safety*, **2021**, 20, 1982-2014	16.4	34
83	Marine-derived Penicillium in Korea: diversity, enzyme activity, and antifungal properties. *Antonie Van Leeuwenhoek*, **2014**, 106, 331-45	2.1	29
82	Distinctive Feature of Microbial Communities and Bacterial Functional Profiles in Tricholoma matsutake Dominant Soil. *PLoS ONE*, **2016**, 11, e0168573	3.7	29
81	Effect of fruiting body bacteria on the growth of Tricholoma matsutake and its related molds. *PLoS ONE*, **2018**, 13, e0190948	3.7	25
80	Diversity of Wood-Inhabiting Polyporoid and Corticioid Fungi in Odaesan National Park, Korea. *Mycobiology*, **2016**, 44, 217-236	1.7	24
79	The quest for a globally comprehensible Russula language. *Fungal Diversity*, **2019**, 99, 369-449	17.6	23
78	The diversity and ecological roles of Penicillium in intertidal zones. *Scientific Reports*, **2019**, 9, 13540	4.9	18
77	Root-associated bacteria influencing mycelial growth of Tricholoma matsutake (pine mushroom). *Journal of Microbiology*, **2018**, 56, 399-407	3	17
76	Diversity of Marine-Derived from Tidal Mudflats and Sea Sand in Korea. *Mycobiology*, **2016**, 44, 237-247	1.7	17
75	Taxonomic evaluation of selected species and database sequence validation. *PeerJ*, **2017**, 5, e3596	3.1	16
74	A systematic revision of the ectomycorrhizal genus Laccaria from Korea. *Mycologia*, **2018**, 110, 948-961	2.4	15

73	Penicillium jejuense sp. nov., isolated from the marine environments of Jeju Island, Korea. *Mycologia*, **2015**, 107, 209-16	2.4	14
72	Diversity and enzyme activity of Penicillium species associated with macroalgae in Jeju Island. *Journal of Microbiology*, **2016**, 54, 646-54	3	14
71	Species delimitation of three species within the Russula subgenus Compacta in Korea: R. eccentrica, R. nigricans, and R. subnigricans. *Journal of Microbiology*, **2014**, 52, 631-8	3	14
70	Trichoderma songyi sp. nov., a new species associated with the pine mushroom (Tricholoma matsutake). *Antonie Van Leeuwenhoek*, **2014**, 106, 593-603	2.1	14
69	Sequence validation for the identification of the white-rot fungi Bjerkandera in public sequence databases. *Journal of Microbiology and Biotechnology*, **2014**, 24, 1301-7	3.3	13
68	A Biodegradable Secondary Battery and its Biodegradation Mechanism for Eco-Friendly Energy-Storage Systems. *Advanced Materials*, **2021**, 33, e2004902	24	13
67	Re-evaluation of the taxonomy and diversity of Russula section Foetentinae (Russulales, Basidiomycota) in Korea. *Mycoscience*, **2017**, 58, 351-360	1.2	12
66	Diversity and effect of Trichoderma isolated from the roots of Pinus densiflora within the fairy ring of pine mushroom (Tricholoma matsutake). *PLoS ONE*, **2018**, 13, e0205900	3.7	12
65	Diversity and Ecology of Marine Algicolous Arthrinium Species as a Source of Bioactive Natural Products. *Marine Drugs*, **2018**, 16,	6	12
64	Comparison of the Diversity of Basidiomycetes from Dead Wood of the Manchurian fir (Abies holophylla) as Evaluated by Fruiting Body Collection, Mycelial Isolation, and 454 Sequencing. *Microbial Ecology*, **2015**, 70, 634-45	4.4	11
63	Effect of fairy ring bacteria on the growth of Tricholoma matsutake in vitro culture. *Mycorrhiza*, **2018**, 28, 411-419	3.9	11
62	Lactarius cucurbitoides (Russulales, Basidiomycota), a new species from South Korea supported by molecular and morphological data. *Phytotaxa*, **2015**, 205, 168	0.7	11
61	Taxonomic revision of the genus Lactarius (Russulales, Basidiomycota) in Korea. *Fungal Diversity*, **2019**, 95, 275-335	17.6	10
60	New record and enzyme activity of four species in Penicillium section Citrina from marine environments in Korea. *Journal of Microbiology*, **2015**, 53, 219-25	3	10
59	Investigating Wood Decaying Fungi Diversity in Central Siberia, Russia Using ITS Sequence Analysis and Interaction with Host Trees. *Sustainability*, **2020**, 12, 2535	3.6	10
58	First Report of Eight Milkcap Species Belonging to and in Korea. *Mycobiology*, **2018**, 46, 1-12	1.7	10
57	A New Record of Penicillium antarcticum from Marine Environments in Korea. *Mycobiology*, **2014**, 42, 109-13	1.7	10
56	The Global Soil Mycobiome consortium dataset for boosting fungal diversity research. *Fungal Diversity*, **2021**, 111, 573	17.6	10

55	Phylogeny and taxonomy of and other related taxa and description of three new species. *Mycologia* , **2020**, 112, 64-82	2.4	10
54	Distinguishing homokaryons and heterokaryons in Phellinus sulphurascens using pairing tests and ITS polymorphisms. *Antonie Van Leeuwenhoek*, **2008**, 93, 99-110	2.1	9
53	Fungal diversity and enzyme activity associated with sailfin sandfish egg masses in Korea. *Fungal Ecology*, **2018**, 34, 1-9	4.1	8
52	Molecular Taxonomical Re-classification of the Genus Suillus Micheli ex S. F. Gray in South Korea. *Mycobiology*, **2014**, 42, 221-8	1.7	8
51	A proposed stepwise screening framework for the selection of polycyclic aromatic hydrocarbon (PAH)-degrading white rot fungi. *Bioprocess and Biosystems Engineering*, **2020**, 43, 767-783	3.7	7
50	Diversity of fungi associated with roots of Calanthe orchid species in Korea. *Journal of Microbiology*, **2018**, 56, 49-55	3	7
49	Halo-tolerance of Marine-derived Fungi and their Enzymatic Properties. *BioResources*, **2015**, 10,	1.3	7
48	Re-evaluation of Armillaria and Desarmillaria in South Korea based on ITS/tef1 sequences and morphological characteristics. *Forest Pathology*, **2018**, 48, e12447	1.2	7
47	A New record of four Penicillium species isolated from Agarum clathratum in Korea. *Journal of Microbiology*, **2017**, 55, 237-246	3	6
46	Fungal Diversity and Enzyme Activity Associated with the Macroalgae,. *Mycobiology*, **2019**, 47, 50-58	1.7	6
45	Diversity of Trichoderma spp. in Marine Environments and Their Biological Potential for Sustainable Industrial Applications. *Sustainability*, **2020**, 12, 4327	3.6	6
44	Revision of the taxonomic status of the genus Gloeoporus (Polyporales, Basidiomycota) reveals two new species. *Mycological Progress*, **2018**, 17, 855-863	1.9	6
43	Determination of coleopteran insects associated with spore dispersal of Cryptoporus volvatus (Polyporaceae: Basidiomycota) in Korea. *Journal of Asia-Pacific Entomology*, **2014**, 17, 647-651	1.4	6
42	A checklist of the basidiomycetous macrofungi and a record of five new species from mt. Oseo in Korea. *Mycobiology*, **2014**, 42, 132-9	1.7	6
41	The Influence of Microfungi on the Mycelial Growth of Ectomycorrhizal Fungus. *Microorganisms*, **2019**, 7,	4.9	5
40	Successional Variation in the Soil Microbial Community in Odaesan National Park, Korea. *Sustainability*, **2020**, 12, 4795	3.6	5
39	Four New Species of Amanita in Inje County, Korea. *Mycobiology*, **2015**, 43, 408-14	1.7	5
38	Re-evaluation of the Genus Antrodia (Polyporales, Basidiomycota) in Korea. *Mycobiology*, **2014**, 42, 114-9	1.7	5

37	Taxonomic revision of Russula subsection Amoeninae from South Korea. *MycoKeys*, **2020**, 75, 1-29	2.4	5
36	from Rhizosphere Soil in Terrestrial and Coastal Environments in South Korea. *Mycobiology*, **2020**, 48, 431-442	1.7	5
35	New Report of Three Unrecorded Species in Species Complex in Korea. *Mycobiology*, **2018**, 46, 177-184	1.7	5
34	Guild Patterns of Basidiomycetes Community Associated With in Mt. Jeombong, Republic of Korea. *Mycobiology*, **2018**, 46, 13-23	1.7	4
33	Ten New Recorded Species of Macrofungi on Ulleung Island, Korea. *Mycobiology*, **2017**, 45, 286-296	1.7	4
32	Taxonomic Study of the Genus Abundisporus in Korea. *Mycobiology*, **2015**, 43, 225-30	1.7	4
31	The genus Arthrinium (Ascomycota, Sordariomycetes, Apiosporaceae) from marine habitats from Korea, with eight new species. *IMA Fungus*, **2021**, 12, 13	6.8	4
30	Seven New Recorded Species in Five Genera of the Strophariaceae in Korea. *Mycobiology*, **2016**, 44, 137-145	1.7	4
29	in Korea: New Records and a New Species. *Mycobiology*, **2019**, 47, 368-377	1.7	3
28	Three Unrecorded Species Belonging to Section from Marine Environments in Korea. *Mycobiology*, **2019**, 47, 165-172	1.7	3
27	Co-occurrence patterns of wood-decaying fungi and ants in dead pines of South Korea. *Journal of Asia-Pacific Entomology*, **2019**, 22, 1154-1160	1.4	3
26	Cellulosic Nanomaterial Production Via Fermentation by sp. SFCB22-18 Isolated from Ripened Persimmons. *Journal of Microbiology and Biotechnology*, **2019**, 29, 617-624	3.3	3
25	Two New Species of (Agaricales, Basidiomycota) from Korea. *Mycobiology*, **2020**, 48, 288-295	1.7	3
24	Species Prioritization Based on Spectral Dissimilarity: A Case Study of Polyporoid Fungal Species. *Journal of Natural Products*, **2021**, 84, 298-309	4.9	3
23	Diversity and abundance of human-pathogenic fungi associated with pigeon faeces in urban environments. *Molecular Ecology*, **2017**, 26, 4574-4585	5.7	2
22	Influence of Season and Soil Properties on Fungal Communities of Neighboring Climax Forests (and). *Frontiers in Microbiology*, **2020**, 11, 572706	5.7	2
21	Three New Recorded Species of the Physalacriaceae on Ulleung Island, Korea. *Mycobiology*, **2017**, 45, 9-14	1.7	2
20	Cyclohumulanoid Sesquiterpenes Induced by the Noncompetitive Coculture of and .. *Journal of Natural Products*, **2022**,	4.9	2

19	Five New Wood Decay Fungi (Polyporales and Hymenochaetales) in Korea. *Mycobiology*, **2016**, 44, 146-154	1.7	2
18	New Species of (Lyophyllaceae, Basidiomycota) from Sabah (Northern Borneo), Malaysia. *Mycobiology*, **2020**, 48, 95-103	1.7	1
17	Successional Change of the Fungal Microbiome Pine Seedling Roots Inoculated With. *Frontiers in Microbiology*, **2020**, 11, 574146	5.7	1
16	Taxonomic Study of the Genus (Strophariaceae, Basidiomycota) in Korea. *Mycobiology*, **2020**, 48, 476-483	1.7	1
15	Fungal diversity living in the root and sporophore of the endemic Korean fern Mankyua chejuense. *Fungal Ecology*, **2021**, 50, 101038	4.1	1
14	Different patterns of belowground fungal diversity along altitudinal gradients with respect to microhabitat and guild types. *Environmental Microbiology Reports*, **2021**, 13, 649-658	3.7	1
13	First Report of (Boletaceae), a Potentially Endangered Basidiomycete Species, in South Korea. *Mycobiology*, **2019**, 47, 521-526	1.7	1
12	Four Unrecorded Species from the Rhizosphere Soil in South Korea. *Mycobiology*, **2021**, 49, 346-354	1.7	1
11	Metschnikowia cf. typographi and other pathogens from the bark beetle Ips sexdentatus - Prevalence, histological and ultrastructural evidence, and molecular characterization. *Journal of Invertebrate Pathology*, **2017**, 143, 69-78	2.6	0
10	Note of Five Unrecorded Mushrooms Including Three Rare Species on Mount Juwang in Korea. *Mycobiology*, **2020**, 48, 157-168	1.7	0
9	Seventeen Unrecorded Species from Gayasan National Park in Korea. *Mycobiology*, **2020**, 48, 184-194	1.7	0
8	Influence of cellulose nanocrystal addition on the production and characterization of bacterial nanocellulose. *International Journal of Biological Macromolecules*, **2021**, 193, 269-275	7.9	0
7	Ectomycorrhizal Fungi Associated with Pinus densiflora Seedlings under Flooding Stress. *Sustainability*, **2021**, 13, 4367	3.6	0
6	Addition of Various Cellulosic Components to Bacterial Nanocellulose: A Comparison of Surface Qualities and Crystalline Properties. *Journal of Microbiology and Biotechnology*, **2021**, 31, 1366-1372	3.3	0
5	Taxonomic Revision of the Genus (Russulales, Basidiomycota) of South Korea. *Mycobiology*, **2021**, 49, 308-345	1.7	0
4	Investigation of the Fungal Diversity of the Federated States of Micronesia and the Construction of an Updated Fungal Inventory.. *Mycobiology*, **2021**, 49, 551-558	1.7	
3	Determination of Diversity, Distribution and Host Specificity of Korean Using Four Approaches. *Mycobiology*, **2021**, 49, 461-468	1.7	
2	Taxonomic evaluation of (Hymenochaetales, Basidiomycota) in Korea and sequence verification of the corresponding species in GenBank.. *PeerJ*, **2021**, 9, e12625	3.1	

1	Taxonomy and an Updated Phylogeny of Anomoloma (Amylocorticiales, Basidiomycota). *Forests*, **2022**, 13, 713	2.8