Young Woon Lim

List of Publications by Year
in descending order

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92	2,252	394421 19	265206 42
papers	citations	h-index	g-index

95	95	95	2169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cyclohumulanoid Sesquiterpenes Induced by the Noncompetitive Coculture of Phellinus orientoasiaticus and Xylodon flaviporus. Journal of Natural Products, 2022, , .	3.0	7
2	ï»¿Taxonomic study of Collybiopsis (Omphalotaceae, Agaricales) in the Republic of Korea with seven new species. MycoKeys, 2022, 88, 79-108.	1.9	3
3	Taxonomy and an Updated Phylogeny of Anomoloma (Amylocorticiales, Basidiomycota). Forests, 2022, 13, 713.	2.1	0
4	Taxonomy, comparative genomics and evolutionary insights of Penicillium ucsense: a novel species in series Oxalica. Antonie Van Leeuwenhoek, 2022, 115, 1009-1029.	1.7	5
5	Species Prioritization Based on Spectral Dissimilarity: A Case Study of Polyporoid Fungal Species. Journal of Natural Products, 2021, 84, 298-309.	3.0	14
6	Reviewing the world's edible mushroom species: A new evidenceâ€based classification system. Comprehensive Reviews in Food Science and Food Safety, 2021, 20, 1982-2014.	11.7	89
7	A Biodegradable Secondary Battery and its Biodegradation Mechanism for Ecoâ€Friendly Energyâ€Storage Systems. Advanced Materials, 2021, 33, e2004902.	21.0	42
8	Fungal diversity living in the root and sporophore of the endemic Korean fern Mankyua chejuense. Fungal Ecology, 2021, 50, 101038.	1.6	3
9	Ectomycorrhizal Fungi Associated with Pinus densiflora Seedlings under Flooding Stress. Sustainability, 2021, 13, 4367.	3.2	4
10	Different patterns of belowground fungal diversity along altitudinal gradients with respect to microhabitat and guild types. Environmental Microbiology Reports, 2021, 13, 649-658.	2.4	8
11	The genus Arthrinium (Ascomycota, Sordariomycetes, Apiosporaceae) from marine habitats from Korea, with eight new species. IMA Fungus, 2021, 12, 13.	3.8	18
12	Determination of Diversity, Distribution and Host Specificity of Korean Laccaria Using Four Approaches. Mycobiology, 2021, 49, 461-468.	1.7	0
13	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.	2.1	2
14	Taxonomic Revision of the GenusLactifluus(Russulales, Basidiomycota) of South Korea. Mycobiology, 2021, 49, 308-345.	1.7	1
15	Four Unrecorded Aspergillus Species from the Rhizosphere Soil in South Korea. Mycobiology, 2021, 49, 346-354.	1.7	3
16	Influence of cellulose nanocrystal addition on the production and characterization of bacterial nanocellulose. International Journal of Biological Macromolecules, 2021, 193, 269-275.	7.5	14
17	The Global Soil Mycobiome consortium dataset for boosting fungal diversity research. Fungal Diversity, 2021, 111, 573-588.	12.3	42
18	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	1

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19	Taxonomic evaluation of Xylodon (Hymenochaetales, Basidiomycota) in Korea and sequence verification of the corresponding species in GenBank. PeerJ, 2021, 9, e12625.	2.0	3
20	Phylogeny and taxonomy of Ceriporia and other related taxa and description of three new species. Mycologia, 2020, 112, 64-82.	1.9	17
21	Successional Change of the Fungal Microbiome Pine Seedling Roots Inoculated With Tricholoma matsutake. Frontiers in Microbiology, 2020, 11, 574146.	3.5	10
22	Penicillium from Rhizosphere Soil in Terrestrial and Coastal Environments in South Korea. Mycobiology, 2020, 48, 431-442.	1.7	14
23	Taxonomic Study of the Genus Pholiota (Strophariaceae, Basidiomycota) in Korea. Mycobiology, 2020, 48, 476-483.	1.7	9
24	Two New Species of Laccaria (Agaricales, Basidiomycota) from Korea. Mycobiology, 2020, 48, 288-295.	1.7	7
25	Influence of Season and Soil Properties on Fungal Communities of Neighboring Climax Forests (Carpinus cordata and Fraxinus rhynchophylla). Frontiers in Microbiology, 2020, 11, 572706.	3.5	11
26	New Species of Termitomyces (Lyophyllaceae, Basidiomycota) from Sabah (Northern Borneo), Malaysia. Mycobiology, 2020, 48, 95-103.	1.7	8
27	Investigating Wood Decaying Fungi Diversity in Central Siberia, Russia Using ITS Sequence Analysis and Interaction with Host Trees. Sustainability, 2020, 12, 2535.	3.2	11
28	Note of Five Unrecorded Mushrooms Including Three Rare Species on Mount Juwang in Korea. Mycobiology, 2020, 48, 157-168.	1.7	2
29	Diversity of Trichoderma spp. in Marine Environments and Their Biological Potential for Sustainable Industrial Applications. Sustainability, 2020, 12, 4327.	3.2	10
30	Successional Variation in the Soil Microbial Community in Odaesan National Park, Korea. Sustainability, 2020, 12, 4795.	3.2	11
31	Seventeen Unrecorded Species from Gayasan National Park in Korea. Mycobiology, 2020, 48, 184-194.	1.7	1
32	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.	3.4	15
33	Taxonomic revision of Russula subsection Amoeninae from South Korea. MycoKeys, 2020, 75, 1-29.	1.9	11
34	The quest for a globally comprehensible Russula language. Fungal Diversity, 2019, 99, 369-449.	12.3	53
35	Co-occurrence patterns of wood-decaying fungi and ants in dead pines of South Korea. Journal of Asia-Pacific Entomology, 2019, 22, 1154-1160.	0.9	8
36	Macrolepiota in Korea: New Records and a New Species. Mycobiology, 2019, 47, 368-377.	1.7	5

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37	The diversity and ecological roles of Penicillium in intertidal zones. Scientific Reports, 2019, 9, 13540.	3.3	29
38	The Influence of Microfungi on the Mycelial Growth of Ectomycorrhizal Fungus Tricholoma matsutake. Microorganisms, 2019, 7, 169.	3.6	8
39	Taxonomic revision of the genus Lactarius (Russulales, Basidiomycota) in Korea. Fungal Diversity, 2019, 95, 275-335.	12.3	17
40	Three Unrecorded Species Belonging toPenicilliumSectionSclerotiorafrom Marine Environments in Korea. Mycobiology, 2019, 47, 165-172.	1.7	7
41	Fungal diversity notes 929â€“1035: taxonomic and phylogenetic contributions on genera and species of fungi. Fungal Diversity, 2019, 95, 1-273.	12.3	203
42	Fungal Diversity and Enzyme Activity Associated with the Macroalgae, Agarum clathratum. Mycobiology, 2019, 47, 50-58.	1.7	15
43	First Report of Buchwaldoboletus lignicola (Boletaceae), a Potentially Endangered Basidiomycete Species, in South Korea. Mycobiology, 2019, 47, 521-526.	1.7	3
44	Notes, outline and divergence times of Basidiomycota. Fungal Diversity, 2019, 99, 105-367.	12.3	256
45	Cellulosic Nanomaterial Production Via Fermentation by Komagataeibacter sp. SFCB22-18 Isolated from Ripened Persimmons. Journal of Microbiology and Biotechnology, 2019, 29, 617-624.	2.1	4
46	Revision of the taxonomic status of the genus Gloeoporus (Polyporales, Basidiomycota) reveals two new species. Mycological Progress, 2018, 17, 855-863.	1.4	9
47	Diversity of fungi associated with roots of Calanthe orchid species in Korea. Journal of Microbiology, 2018, 56, 49-55.	2.8	7
48	Fungal diversity and enzyme activity associated with sailfin sandfish egg masses in Korea. Fungal Ecology, 2018, 34, 1-9.	1.6	14
49	Effect of fairy ring bacteria on the growth of Tricholoma matsutake in vitro culture. Mycorrhiza, 2018, 28, 411-419.	2.8	16
50	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.	2.5	18
51	Diversity and Ecology of Marine Algicolous Arthrinium Species as a Source of Bioactive Natural Products. Marine Drugs, 2018, 16, 508.	4.6	20
52	A systematic revision of the ectomycorrhizal genus Laccaria from Korea. Mycologia, 2018, 110, 948-961.	1.9	25
53	New Report of Three Unrecorded Species in Trichoderma harzianum Species Complex in Korea. Mycobiology, 2018, 46, 177-184.	1.7	10
54	Reâ€evaluation of Armillaria and Desarmillaria in South Korea based on <scp>ITS</scp>/tef1 sequences and morphological characteristics. Forest Pathology, 2018, 48, e12447.	1.1	11

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55	Guild Patterns of Basidiomycetes Community Associated With Quercus mongolica in Mt. Jeombong, Republic of Korea. Mycobiology, 2018, 46, 13-23.	1.7	6
56	First Report of Eight Milkcap Species Belonging toLactariusandLactifluusin Korea. Mycobiology, 2018, 46, 1-12.	1.7	13
57	Root-associated bacteria influencing mycelial growth of Tricholoma matsutake (pine mushroom). Journal of Microbiology, 2018, 56, 399-407.	2.8	30
58	Effect of fruiting body bacteria on the growth of Tricholoma matsutake and its related molds. PLoS ONE, 2018, 13, e0190948.	2.5	36
59	A New record of four Penicillium species isolated from Agarum clathratum in Korea. Journal of Microbiology, 2017, 55, 237-246.	2.8	6
60	Diversity and abundance of humanâ€pathogenic fungi associated with pigeon faeces in urban environments. Molecular Ecology, 2017, 26, 4574-4585.	3.9	3
61	Re-evaluation of the taxonomy and diversity of Russula section Foetentinae (Russulales,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.8	16
62	Metschnikowia cf. typographi and other pathogens from the bark beetle Ips sexdentatus â€“ Prevalence, histological and ultrastructural evidence, and molecular characterization. Journal of Invertebrate Pathology, 2017, 143, 69-78.	3.2	2
63	Fungal diversity notes 603â€“708: taxonomic and phylogenetic notes on genera and species. Fungal Diversity, 2017, 87, 1-235.	12.3	165
64	Taxonomic evaluation of selected Ganoderma species and database sequence validation. PeerJ, 2017, 5, e3596.	2.0	44
65	Ten New Recorded Species of Macrofungi on Ulleung Island, Korea. Mycobiology, 2017, 45, 286-296.	1.7	8
66	Three New Recorded Species of the Physalacriaceae on Ulleung Island, Korea. Mycobiology, 2017, 45, 9-14.	1.7	6
67	Diversity of Wood-Inhabiting Polyporoid and Corticioid Fungi in Odaesan National Park, Korea. Mycobiology, 2016, 44, 217-236.	1.7	34
68	Diversity of Marine-DerivedAspergillusfrom Tidal Mudflats and Sea Sand in Korea. Mycobiology, 2016, 44, 237-247.	1.7	25
69	Five New Wood Decay Fungi (Polyporales and Hymenochaetales) in Korea. Mycobiology, 2016, 44, 146-154.	1.7	4
70	Seven New Recorded Species in Five Genera of the Strophariaceae in Korea. Mycobiology, 2016, 44, 137-145.	1.7	7
71	Diversity and enzyme activity of Penicillium species associated with macroalgae in Jeju Island. Journal of Microbiology, 2016, 54, 646-654.	2.8	18
72	Distinctive Feature of Microbial Communities and Bacterial Functional Profiles in Tricholoma matsutake Dominant Soil. PLoS ONE, 2016, 11, e0168573.	2.5	39

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73	Lactarius cucurbitoides (Russulales, Basidiomycota), a new species from South Korea supported by molecular and morphological data. Phytotaxa, 2015, 205, 168.	0.3	12
74	Four New Species of Amanita in Inje County, Korea. Mycobiology, 2015, 43, 408-414.	1.7	10
75	Halo-tolerance of Marine-derived Fungi and their Enzymatic Properties. BioResources, 2015, 10, .	1.0	13
76	Taxonomic Study of the Genus Abundisporus in Korea. Mycobiology, 2015, 43, 225-230.	1.7	4
77	New record and enzyme activity of four species in Penicillium section Citrina from marine environments in Korea. Journal of Microbiology, 2015, 53, 219-225.	2.8	13
78	Comparison of the Diversity of Basidiomycetes from Dead Wood of the Manchurian fir (Abies) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Microbial Ecology, 2015, 70, 634-645.	2.8	13
79	Penicillium jejuense sp. nov., isolated from the marine environments of Jeju Island, Korea. Mycologia, 2015, 107, 209-216.	1.9	17
80	Molecular Taxonomical Re-classification of the GenusSuillusMicheli ex S. F. Gray in South Korea. Mycobiology, 2014, 42, 221-228.	1.7	11
81	A Checklist of the Basidiomycetous Macrofungi and a Record of Five New Species from Mt. Oseo in Korea. Mycobiology, 2014, 42, 132-139.	1.7	7
82	A New Record ofPenicilliumantarcticum from Marine Environments in Korea. Mycobiology, 2014, 42, 109-113.	1.7	13
83	Trichoderma songyi sp. nov., a new species associated with the pine mushroom (Tricholoma) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	19
84	Re-evaluation of the GenusAntrodia(Polyporales, Basidiomycota) in Korea. Mycobiology, 2014, 42, 114-119.	1.7	6
85	Determination of coleopteran insects associated with spore dispersal of Cryptoporus volvatus (Polyporaceae: Basidiomycota) in Korea. Journal of Asia-Pacific Entomology, 2014, 17, 647-651.	0.9	9
86	Species delimitation of three species within the Russula subgenus Compacta in Korea: R. eccentrica, R. nigricans, and R. subnigricans. Journal of Microbiology, 2014, 52, 631-638.	2.8	21
87	Marine-derived Penicillium in Korea: diversity, enzyme activity, and antifungal properties. Antonie Van Leeuwenhoek, 2014, 106, 331-345.	1.7	34
88	Identifying airborne fungi in Seoul, Korea using metagenomics. Journal of Microbiology, 2014, 52, 465-472.	2.8	42
89	Sequence Validation for the Identification of the White-Rot Fungi Bjerkandera in Public Sequence Databases. Journal of Microbiology and Biotechnology, 2014, 24, 1301-1307.	2.1	17
90	Delimitation of Russula Subgenus Amoenula in Korea Using Three Molecular Markers. Mycobiology, 2013, 41, 191-201.	1.7	42

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91	Distinguishing homokaryons and heterokaryons in Phellinus sulphurascens using pairing tests and ITS polymorphisms. Antonie Van Leeuwenhoek, 2008, 93, 99-110.	1.7	12
92	Contributions of rpb2 and tef1 to the phylogeny of mushrooms and allies (Basidiomycota, Fungi). Molecular Phylogenetics and Evolution, 2007, 43, 430-451.	2.7	341