

Ahn Heume Eom

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,239
citations

687363

13
h-index

377865

34
g-index

58
all docs

58
docs citations

58
times ranked

1487
citing authors

#	ARTICLE	IF	CITATIONS
1	Host plant species effects on arbuscular mycorrhizal fungal communities in tallgrass prairie. <i>Oecologia</i> , 2000, 122, 435-444.	2.0	310
2	The Effect of Fire, Mowing and Fertilizer Amendment on Arbuscular Mycorrhizas in Tallgrass Prairie. <i>American Midland Naturalist</i> , 1999, 142, 55-70.	0.4	120
3	Diversity of Arbuscular Mycorrhizal Fungi and Their Roles in Ecosystems. <i>Mycobiology</i> , 2013, 41, 121-125.	1.7	111
4	Effects of ungulate grazers on arbuscular mycorrhizal symbiosis and fungal community structure in tallgrass prairie. <i>Mycologia</i> , 2001, 93, 233-242.	1.9	106
5	Effects of Ungulate Grazers on Arbuscular Mycorrhizal Symbiosis and Fungal Community Structure in Tallgrass Prairie. <i>Mycologia</i> , 2001, 93, 233.	1.9	95
6	Diversity of arbuscular mycorrhizal fungi across a fragmented forest in Panama: insular spore communities differ from mainland communities. <i>Oecologia</i> , 2004, 141, 687-700.	2.0	73
7	Effects of Arbuscular Mycorrhizal Fungi and Soil Conditions on Crop Plant Growth. <i>Mycobiology</i> , 2017, 45, 20-24.	1.7	46
8	Diversity and Seasonal Variation of Endophytic Fungi Isolated from Three Conifers in Mt. Taehwa, Korea. <i>Mycobiology</i> , 2013, 41, 82-85.	1.7	29
9	Molecular Identification of Endophytic Fungi Isolated from Needle Leaves of Conifers in Bohyeon Mountain, Korea. <i>Mycobiology</i> , 2012, 40, 231-235.	1.7	27
10	Above- and belowground interactions drive habitat segregation between two cryptic species of tropical trees. <i>Ecology</i> , 2011, 92, 47-56.	3.2	22
11	Diversity of Endophytic Fungi Isolated from Korean Ginseng Leaves. <i>Mycobiology</i> , 2014, 42, 147-151.	1.7	21
12	Effect of Organic Farming on Spore Diversity of Arbuscular Mycorrhizal Fungi and Glomalin in Soil. <i>Mycobiology</i> , 2009, 37, 272.	1.7	18
13	Root Age-Dependent Changes in Arbuscular Mycorrhizal Fungal Communities Colonizing Roots of <i>Panax ginseng</i> . <i>Mycobiology</i> , 2014, 42, 416-421.	1.7	17
14	Differential Growth Response of Various Crop Species to Arbuscular Mycorrhizal Inoculation. <i>Mycobiology</i> , 2009, 37, 72.	1.7	16
15	Effects of Ectomycorrhizal Fungi on Growth of Seedlings of <i>Pinus densiflora</i> . <i>Mycobiology</i> , 2006, 34, 191.	1.7	15
16	Effects of Organic Farming on Communities of Arbuscular Mycorrhizal Fungi. <i>Mycobiology</i> , 2008, 36, 19.	1.7	14
17	Community Structures of Arbuscular Mycorrhizal Fungi in Soils and Plant Roots Inhabiting Abandoned Mines of Korea. <i>Mycobiology</i> , 2016, 44, 277-282.	1.7	12
18	Mycorrhizal symbioses found in roots of fern and its relatives in Korea. <i>Journal of Plant Biology</i> , 2001, 44, 81-86.	2.1	11

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19	Identification and determination of antigenic proteins of Korean ranavirus-1 (KRV-1) using MALDI-TOF/TOF MS analysis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2011, 34, 237-245.	1.6	11
20	Taxonomy of <i>Arthrinium minutisporum</i> sp. nov., <i>Pezicula neosporulosa</i> , and <i>Acrocallymma pterocarpi</i> : New Records from Soil in Korea. <i>Mycobiology</i> , 2020, 48, 450-463.	1.7	11
21	Diversity of Foliar Endophytic Fungi Isolated from <i>Lindera obtusiloba</i> in Korea. <i>Korean Journal of Mycology</i> , 2012, 40, 136-140.	0.3	11
22	Effects of Mycorrhizal and Endophytic Fungi on Plant Community: a Microcosm Study. <i>Mycobiology</i> , 2007, 35, 186.	1.7	10
23	An overview of arbuscular mycorrhizal fungal composition, distribution and host effects from a tropical moist forest. , 2005, , 204-225.		9
24	Growth Characteristics of <i>Rhizophagus clarus</i> Strains and Their Effects on the Growth of Host Plants. <i>Mycobiology</i> , 2015, 43, 444-449.	1.7	9
25	Molecular Identification of Arbuscular Mycorrhizal Fungal Spores Collected in Korea. <i>Mycobiology</i> , 2006, 34, 7.	1.7	8
26	Detection of Infectious Fungal Diseases of Frogs Inhabiting in Korea. <i>Mycobiology</i> , 2008, 36, 10.	1.7	8
27	Ectomycorrhizal Fungal Communities of Red Pine (<i>Pinus densiflora</i>) Seedlings in Disturbed Sites and Undisturbed Old Forest Sites. <i>Mycobiology</i> , 2013, 41, 77-81.	1.7	8
28	Diversity of Endophytic Fungi Isolated from Roots of <i>Cypripedium japonicum</i> and <i>C. macranthum</i> in Korea. <i>Korean Journal of Mycology</i> , 2015, 43, 20-25.	0.3	8
29	Effects of Interspecific Interactions of Arbuscular Mycorrhizal Fungi on Growth of Soybean and Corn. <i>Mycobiology</i> , 2006, 34, 34.	1.7	8
30	Identification of Orchid Mycorrhizal Fungi Isolated from Five Species of Terrestrial Orchids in Korea. <i>Korean Journal of Mycology</i> , 2012, 40, 132-135.	0.3	7
31	Sequence Analyses of PCR Amplified Partial SSU of Ribosomal DNA for Identifying Arbuscular Mycorrhizal Fungi in Plant Roots. <i>Mycobiology</i> , 2002, 30, 13.	1.7	7
32	<i>Acaulospora koreana</i> , a New Species of Arbuscular Mycorrhizal Fungi (Glomeromycota) Associated with Roots of Woody Plants in Korea. <i>Mycobiology</i> , 2018, 46, 341-348.	1.7	6
33	Diversity of Endophytic Fungi Isolated from <i>Pinus densiflora</i> and <i>Larix kaempferi</i> in Mt. Oser, Korea. <i>Korean Journal of Mycology</i> , 2013, 41, 137-141.	0.3	6
34	Effect of Soil Ameliorators on Ectomycorrhizal Fungal Communities that Colonize Seedlings of <i>Pinus densiflora</i> in Abandoned Coal Mine Spoils. <i>Mycobiology</i> , 2012, 40, 168-172.	1.7	5
35	Differences among Endophytic Fungal Communities Isolated from the Roots of <i>Cephalanthera longibracteata</i> Collected from Different Sites in Korea. <i>Mycobiology</i> , 2017, 45, 312-317.	1.7	5
36	Diversity of Arbuscular Mycorrhizal Fungi in Arable and Natural Soils in Korea. <i>The Korean Journal of Ecology</i> , 2004, 27, 179-184.	0.1	5

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37	The Effect of Benomyl Treatments on Ginsenosides and Arbuscular Mycorrhizal Symbiosis in Roots of <i>Panax ginseng</i> . <i>Journal of Ginseng Research</i> , 2009, 33, 256-259.	5.7	5
38	Restriction Analyses of PCR Amplified Partial SSU Ribosomal DNA to Distinguish Arbuscular Mycorrhizal Fungi from Other Fungi Colonizing Plant Roots. <i>Mycobiology</i> , 2003, 31, 68.	1.7	4
39	Interactions of Newly Isolated Orchid Mycorrhizal Fungi with Korean <i>Cymbidium kanran</i> Hybrid 'Chungsu'. <i>Mycobiology</i> , 2003, 31, 151.	1.7	4
40	An Evaluation of the Effects of Rehabilitation Practiced in Coal Mining Spoils in Korea: 2. An Evaluation Based on the Physicochemical Properties of Soil. <i>Journal of Ecology and Environment</i> , 2008, 31, 23-29.	1.6	4
41	Biodiversity and Distribution of Arbuscular Mycorrhizal Fungi in Korea. <i>Korean Journal of Mycology</i> , 2014, 42, 255-261.	0.3	3
42	Multiple Symbiotic Associations Found in the Roots of <i>Botrychium ternatum</i> . <i>Mycobiology</i> , 2002, 30, 146.	1.7	3
43	Diversities of Arbuscular Mycorrhizal Fungi in Cultivated Field Soils of Korean Ginseng. <i>Korean Journal of Mycology</i> , 2012, 40, 1-6.	0.3	2
44	Four Species of Endophytic Fungi Isolated from Leaves of Woody Plants in Mt. Hambaek. <i>Korean Journal of Mycology</i> , 2014, 42, 239-242.	0.3	2
45	Report on a New Truffle Species, <i>Tuber koreanum</i> sp. nov., from Korea. <i>Mycobiology</i> , 2021, 49, 1-7.	1.7	2
46	The Observation of Arbuscular Mycorrhizal Roots in Horticultural Plants. <i>Mycobiology</i> , 2000, 28, 115-1118.	1.7	1
47	Two Endophytic Diaporthe Species Isolated from the Leaves of <i>Astragalus membranaceus</i> in Korea. <i>Mycobiology</i> , 2017, 45, 430-433.	1.7	1
48	Effects of Soils Containing Arbuscular Mycorrhizas on Plant Growth and Their Colonization. <i>Mycobiology</i> , 2002, 30, 18.	1.7	1
49	Identification of Arbuscular Mycorrhizal Fungi from <i>Botrychium ternatum</i> Native in Korea. <i>Mycobiology</i> , 2004, 32, 179.	1.7	1
50	Effect of Arbuscular Mycorrhizal Fungi on Growth of Korean Ginseng (<i>Panax ginseng</i> C. A. Mey.) Seedlings. <i>Korean Journal of Mycology</i> , 2013, 41, 81-94.	0.3	1
51	An Evaluation of the Effects of Rehabilitation Practiced in the Coal Mining Spoils in Korea 1. An Evaluation Based on Vegetation. <i>Journal of Ecology and Environment</i> , 2007, 30, 75-80.	1.6	0
52	Mycorrhization of <i>Quercus</i> spp. with <i>Tuber huidongense</i> and <i>T. himalayense</i> Collected in Korea. <i>Mycobiology</i> , 2022, 50, 104-109.	1.7	0