

Roberto Garibay-Orijel

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,242
citations

471509

17
h-index

395702

33
g-index

56
all docs

56
docs citations

56
times ranked

1394
citing authors

#	ARTICLE	IF	CITATIONS
1	FungalTraits: a user-friendly traits database of fungi and fungus-like stramenopiles. <i>Fungal Diversity</i> , 2020, 105, 1-16.	12.3	387
2	Understanding cultural significance, the edible mushrooms case. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2007, 3, 4.	2.6	78
3	Ectomycorrhizal fungi in Mexican Alnus forests support the host co-migration hypothesis and continental-scale patterns in phylogeography. <i>Mycorrhiza</i> , 2011, 21, 559-568.	2.8	77
4	Fungal diversity notes 1277-1386: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2020, 104, 1-266.	12.3	60
5	Testing a global standard for quantifying species recovery and assessing conservation impact. <i>Conservation Biology</i> , 2021, 35, 1833-1849.	4.7	51
6	Process and dynamics of traditional selling wild edible mushrooms in tropical Mexico. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2006, 2, 3.	2.6	50
7	The Global Soil Mycobiome consortium dataset for boosting fungal diversity research. <i>Fungal Diversity</i> , 2021, 111, 573-588.	12.3	42
8	The <i>Helvella lacunosa</i> species complex in western North America: cryptic species, misapplied names and parasites. <i>Mycologia</i> , 2013, 105, 1275-1286.	1.9	37
9	Clavulina-Membranomyces is the most important lineage within the highly diverse ectomycorrhizal fungal community of <i>Abies religiosa</i> . <i>Mycorrhiza</i> , 2017, 27, 53-65.	2.8	37
10	Women care about local knowledge, experiences from ethnomycology. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2012, 8, 25.	2.6	36
11	Integrating wild mushrooms use into a model of sustainable management for indigenous community forests. <i>Forest Ecology and Management</i> , 2009, 258, 122-131.	3.2	30
12	The cultural significance of wild mushrooms in San Mateo Huexoyucan, Tlaxcala, Mexico. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2014, 10, 27.	2.6	30
13	World-wide meta-analysis of <i>Quercus</i> forests ectomycorrhizal fungal diversity reveals southwestern Mexico as a hotspot. <i>Mycorrhiza</i> , 2017, 27, 811-822.	2.8	25
14	Evaluation of the degree of mycophilia-mycophobia among highland and lowland inhabitants from Chiapas, Mexico. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2013, 9, 36.	2.6	21
15	Caryophyllales are the main hosts of a unique set of ectomycorrhizal fungi in a Neotropical dry forest. <i>Mycorrhiza</i> , 2018, 28, 103-115.	2.8	20
16	Ectomycorrhizal fungal communities in high mountain conifer forests in central Mexico and their potential use in the assisted migration of <i>Abies religiosa</i> . <i>Mycorrhiza</i> , 2018, 28, 509-521.	2.8	19
17	Identifying and naming the currently known diversity of the genus <i>Hydnum</i> , with an emphasis on European and North American taxa. <i>Mycologia</i> , 2018, 110, 890-918.	1.9	18
18	<i>Thelephora versatilis</i> and <i>Thelephora pseudoversatilis</i> : two new cryptic species with polymorphic basidiomes inhabiting tropical deciduous and sub-perennial forests of the Mexican Pacific coast. <i>Mycologia</i> , 2015, 107, 346-358.	1.9	17

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19	Commercial Sphagnum peat moss is a vector for exotic ectomycorrhizal mushrooms. <i>Biological Invasions</i> , 2016, 18, 89-101.	2.4	17
20	Russulaceae Associated with Mycoheterotroph <i>Monotropa uniflora</i> (Ericaceae) in Tlaxcala, Mexico: A Phylogenetic Approach. <i>Cryptogamie, Mycologie</i> , 2015, 36, 479-512.	1.0	16
21	Molecular evidence reveals fungi associated within the epiphytic orchid <i>Laelia speciosa</i> (HBK) Schltr.. <i>Botanical Sciences</i> , 2013, 91, 523-529.	0.8	15
22	<i>Abies religiosa</i> forests harbor the highest species density and sporocarp productivity of wild edible mushrooms among five different vegetation types in a neotropical temperate forest region. <i>Agroforestry Systems</i> , 2013, 87, 1101-1115.	2.0	13
23	Disponibilidad de esporomas de hongos comestibles en los bosques de pino-encino de Ixtlán de Juárez, Oaxaca. <i>Revista Mexicana De Biodiversidad</i> , 2009, 80, .	0.4	13
24	Description and distribution of <i>Tuber incognitum</i> sp. nov. and <i>Tuber anniae</i> in the Transmexican Volcanic Belt. <i>MycKeys</i> , 2018, 41, 17-27.	1.9	10
25	<i>Tomentella brunneoincrustedata</i> , the first described species of the <i>Pisonieae</i> -associated Neotropical <i>Tomentella</i> clade, and phylogenetic analysis of the genus in Mexico. <i>Mycological Progress</i> , 2016, 15, 1.	1.4	9
26	Genetic characterization, evaluation of growth and production of biomass of strains from wild edible mushrooms of <i>Lyophyllum</i> of Central Mexico. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 632-640.	2.0	6
27	Sympatric species develop more efficient ectomycorrhizae in the <i>Pinus-Laccaria</i> symbiosis. <i>Revista Mexicana De Biodiversidad</i> , 2019, 90, .	0.4	5
28	Resilience of soil fungal community to hurricane Patricia (category 4). <i>Forest Ecology and Management</i> , 2021, 498, 119550.	3.2	4
29	Diversity and Importance of Edible Mushrooms in Ectomycorrhizal Communities in Mexican Neotropics. , 2020, , 407-424.		4
30	Ectomycorrhizal trees intermingled within <i>Cupressus lusitanica</i> plantations sustain the diversity and availability of edible mushrooms. <i>Agroforestry Systems</i> , 2017, 92, 575.	2.0	3
31	Fungal communities associated with roots of two closely related <i>Juglandaceae</i> species with a disjunct distribution in the tropics. <i>Fungal Ecology</i> , 2021, 50, 101023.	1.6	3
32	<i>Helvella jocatoi</i> sp. nov. (Pezizales, Ascomycota), a new species from <i>H. lacunosa</i> complex with cultural importance in central Mexico <i>Abies religiosa</i> forests. <i>Phytotaxa</i> , 2021, 498, 1-11.	0.3	3
33	Comparación entre las abundancias de esporomas y ectomicorrizas del género <i>Laccaria</i> en Ixtlán de Juárez, Oaxaca. <i>Revista Mexicana De Biodiversidad</i> , 2020, 91, 913340.	0.4	3
34	<i>Hemiaustroboletus</i> , a new genus in the subfamily <i>Austroboletoidae</i> (Boletaceae, Boletales). <i>MycKeys</i> , 2022, 88, 55-78.	1.9	3
35	Unipartite and bipartite mycorrhizal networks of <i>Abies religiosa</i> forests: Incorporating network theory into applied ecology of conifer species and forest management. <i>Ecological Complexity</i> , 2022, 50, 101002.	2.9	3
36	Allopatric instead of parapatric divergence in an ectomycorrhizal fungus (<i>Laccaria</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Jf,50 62 Td</i> (trichode	1.6	2

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37	From field sampling to pneumatic bioreactor mycelia production of the ectomycorrhizal mushroom <i>Laccaria trichodermorphora</i> . <i>Fungal Biology</i> , 2020, 124, 205-218.	2.5	2
38	Comparación de la disponibilidad de hongos comestibles en tierras altas y bajas de Chiapas y sus implicaciones en las estrategias tradicionales de aprovechamiento. <i>Acta Botanica Mexicana</i> , 2020, , .	0.3	2
39	Quercetin and 1-methyl-2-oxindole mimic root signaling that promotes spore germination and mycelial growth of <i>Gigaspora margarita</i> . <i>Mycorrhiza</i> , 2022, 32, 177-191.	2.8	2
40	<i>Agaricus macrochlamys</i> , a New Species from the (Sub)tropical Cloud Forests of North America and the Caribbean, and <i>Agaricus fiardii</i> , a New Synonym of <i>Agaricus subrufescens</i> . <i>Journal of Fungi (Basel)</i> , 2021, 7, 101-110.	0.0	0
41	Hongos endófitos de la orquídea epífita <i>Laelia speciosa</i> . <i>Lankesteriana</i> , 2015, 11, .	0.2	1
42	Nuevos registros de hongos corticioides asociados a <i>Abies religiosa</i> del Estado de México. <i>Revista Mexicana De Biodiversidad</i> , 2018, 89, .	0.4	1
43	The known species of <i>Agaricus</i> (Agaricales, Agaricaceae) in Mexico, an updated and nomenclatural review. <i>Scientia Fungorum</i> , 0, 50, e1269.	0.3	1
44	Macromicetos de la selva baja caducifolia en la región de la costa de Oaxaca, México. <i>Revista Mexicana De Biodiversidad</i> , 2021, 92, 923733.	0.4	1
45	<i>Cordyceps mexicana</i> sp. nov., parasitizing <i>Paradirphia</i> sp. moths: A new sister species of the <i>Cordyceps militaris</i> complex, distributed in central Mexican <i>Quercus-Pinus</i> mixed forests. <i>Mycologia</i> , 0, , 1-16.	1.9	1
46	Genotoxic Profile and Morphological Variation of the <i>Amanita rubescens</i> Complex: Traditional Knowledge for Safe Consumption in Mexico. <i>Ethnobiology Letters</i> , 2019, 10, 76-85.	0.5	0
47	La evolución de la simbiosis ectomicorrízica desde la perspectiva genómica. <i>Scientia Fungorum</i> , 0, 49, e1247.	0.3	0
48	Primer registro de la comestibilidad de <i>Phillipsia domingensis</i> Berk. (Pezizales: Ascomycota): aspectos nutricionales y actividad biológica. <i>Scientia Fungorum</i> , 0, 50, e1254.	0.3	0