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List of Publications by Year in descending order

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49 papers	1,775 citations	361045 20 h-index	276539 41 g-index
49 all docs	49 docs citations	49 times ranked	1915 citing authors

#	Article	IF	Citations
1	Values and challenges in the assessment of coprophilous fungi according to the IUCN Red List criteria: the case study of Poronia punctata (Xylariales, Ascomycota). Plant Biosystems, 2021, 155, 199-203.	0.8	2
2	Truffles: Biodiversity, Ecological Significances, and Biotechnological Applications. Fungal Biology, 2021, , 107-146.	0.3	3
3	Co-occurrence of true truffle mycelia in Tuber magnatum fruiting sites. Mycorrhiza, 2021, 31, 389-394.	1.3	5
4	Typification of the Four Most Investigated and Valuable Truffles: Tuber aestivum Vittad., T. borchii Vittad., T. magnatum Picco and T. melanosporum Vittad.. Cryptogamie, Mycologie, 2021, 42, .	0.2	4
5	Effect of slug mycophagy on Tuber aestivum spores. Fungal Biology, 2021, 125, 796-805.	1.1	10
6	Enhancing White Truffle (Tuber magnatum Picco and T. borchii Vittad.) Cultivation Through Biotechnology Innovation. , 2021, , 505-532.		7
7	Multilocus Phylogeography of the Tuber mesentericum Complex Unearths Three Highly Divergent Cryptic Species. Journal of Fungi (Basel, Switzerland), 2021, 7, 1090.	1.5	1
8	Ascoma genotyping and mating type analyses of mycorrhizas and soil mycelia of Tuber borchii in a truffle orchard established by mycelial inoculated plants. Environmental Microbiology, 2020, 22, 964-975.	1.8	16
9	Tuber iranicum, sp. nov., a truffle species belonging to the Excavatum clade. Mycologia, 2020, 112, 932-940.	0.8	5
10	Synthesis and ultrastructural observation of arbutoid mycorrhizae of black truffles (Tuber) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td	1.3	7
11	Effects of biogenerated ferric hydroxides nanoparticles on truffle mycorrhized plants. Mycorrhiza, 2020, 30, 211-219.	1.3	3
12	Truffles and Morels: Two Different Evolutionary Strategies of Fungal-Plant Interactions in the Pezizales. , 2019, , 69-93.		3
13	Bacteria-produced ferric exopolysaccharide nanoparticles as iron delivery system for truffles (Tuber) Tj ETQq1 1 0.784314 rgBT /Overl	1.7	8
14	Pezizomycetes genomes reveal the molecular basis of ectomycorrhizal truffle lifestyle. Nature Ecology and Evolution, 2018, 2, 1956-1965.	3.4	95
15	Effect of summer soil moisture and temperature on the vertical distribution of Tuber magnatum mycelium in soil. Biology and Fertility of Soils, 2018, 54, 707-716.	2.3	17
16	Draft Genome Sequence of Tuber borchii Vittad., a Whitish Edible Truffle. Genome Announcements, 2018, 6, .	0.8	20
17	Crested porcupines (Hystrix cristata): mycophagist spore dispersers of the ectomycorrhizal truffle Tuber aestivum. Mycorrhiza, 2018, 28, 561-565.	1.3	18
18	Ultra-Low Freezing to Preserve the Lingzhi or Reishi Medicinal Mushroom Ganoderma lucidum (Agaricomycetes). International Journal of Medicinal Mushrooms, 2018, 20, 677-683.	0.9	2

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19	Morphological and functional changes in mycelium and mycorrhizas of Tuber borchii due to heat stress. Fungal Ecology, 2017, 29, 20-29.	0.7	21
20	Genetic structure and phylogeny of Italian and Czech populations of the cucurbit powdery mildew fungus Golovinomyces orontii inferred by multilocus sequence typing. Plant Pathology, 2016, 65, 959-967.	1.2	12
21	First evidence for truffle production from plants inoculated with mycelial pure cultures. Mycorrhiza, 2016, 26, 793-798.	1.3	36
22	Mycoviruses Infecting True Truffles. Soil Biology, 2016, , 333-349.	0.6	6
23	The Puberulum Group Sensu Lato (Whitish Truffles). Soil Biology, 2016, , 105-124.	0.6	17
24	Tuber melosporum smooth spores: an anomalous feature in the genus Tuber. Mycologia, 2016, 108, 174-178.	0.8	3
25	Genetic Resources and Mycelial Characteristics of Several Medicinal Polypore Mushrooms (Polyporales, Basidiomycetes). International Journal of Medicinal Mushrooms, 2015, 17, 371-384.	0.9	8
26	Biochemical Characterization and Antioxidant and Antiproliferative Activities of Different <i>Ganoderma </i>Collections. Journal of Molecular Microbiology and Biotechnology, 2015, 25, 16-25.	1.0	23
27	Expanding the understanding of a forest ectomycorrhizal community by combining root tips and fruiting bodies: a case study of Tuber magnatum stands. Turkish Journal of Botany, 2015, 39, 527-534.	0.5	8
28	Spatio-Temporal Dynamic of Tuber magnatum Mycelium in Natural Truffle Grounds. PLoS ONE, 2014, 9, e115921.	1.1	31
29	Effects of soil tillage on Tuber magnatum development in natural truffiÃ¨res. Mycorrhiza, 2014, 24, 79-87.	1.3	47
30	Characterization of Tuber borchii and Arbutus unedo mycorrhizas. Mycorrhiza, 2014, 24, 481-486.	1.3	28
31	Hypogeous fungi in Mediterranean maquis, arid and semi-arid forests. Plant Biosystems, 2014, 148, 392-401.	0.8	24
32	Viability and morphology of Tuber aestivum spores after passage through the gut of Sus scrofa. Fungal Ecology, 2014, 9, 52-60.	0.7	31
33	Assessment of ectomycorrhizal fungal communities in the natural habitats of Tuber magnatum (Ascomycota, Pezizales). Mycorrhiza, 2013, 23, 349-358.	1.3	55
34	The role of wild boars in spore dispersal of hypogeous fungi. Acta Mycologica, 2013, 47, 145-153.	0.3	22
35	Self/nonself recognition in Tuber melanosporum is not mediated by a heterokaryon incompatibility system. Fungal Biology, 2012, 116, 261-275.	1.1	34
36	Development and validation of a real-time PCR assay for detection and quantification of Tuber magnatum in soil. BMC Microbiology, 2012, 12, 93.	1.3	27

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37	Ectomycorrhizal Fungal Communities of Edible Ectomycorrhizal Mushrooms. Soil Biology, 2012, , 105-124.	0.6	15
38	Techniques for Host Plant Inoculation with Truffles and Other Edible Ectomycorrhizal Mushrooms. Soil Biology, 2012, , 145-161.	0.6	19
39	Multilocus phylogenetic and coalescent analyses identify two cryptic species in the Italian bianchetto truffle, Tuber borchii Vittad.. Conservation Genetics, 2010, 11, 1453-1466.	0.8	35
40	The ectomycorrhizal community in naturalTuber borchiiâ€ƒgrounds. FEMS Microbiology Ecology, 2010, 72, 250-260.	1.3	54
41	PÃ©rigord black truffle genome uncovers evolutionary origins and mechanisms of symbiosis. Nature, 2010, 464, 1033-1038.	13.7	641
42	Morphological and Molecular Modifications Induced by Different Carbohydrate Sources in <i>Tuber borchii</i>. Journal of Molecular Microbiology and Biotechnology, 2010, 18, 120-128.	1.0	8
43	Biochemical characterisation and antioxidant activity of mycelium of Ganoderma lucidum from Central Italy. Food Chemistry, 2009, 116, 143-151.	4.2	66
44	Soil fungal communities in a Castanea sativa (chestnut) forest producing large quantities of Boletus edulis sensu lato (porcini): where is the mycelium of porcini?. Environmental Microbiology, 2007, 9, 880-889.	1.8	42
45	Selection of a set of specific primers for the identification ofTuber rufum: a truffle species with high genetic variability. FEMS Microbiology Letters, 2007, 277, 223-231.	0.7	33
46	A quick and precise technique for identifying ectomycorrhizas by PCR. Mycological Research, 2006, 110, 60-65.	2.5	75
47	Morphological and molecular characterization of mycelia of some Tuber species in pure culture. New Phytologist, 2002, 155, 499-505.	3.5	66
48	Effects of fungicides on Tuber borchii and Hebeloma sinapizans ectomycorrhizas. Mycological Research, 2001, 105, 611-614.	2.5	14
49	Interactions between Tuber borchii and other ectomycorrhizal fungi in a field plantation. Mycological Research, 2000, 104, 698-702.	2.5	48