

# Zuzana Kolařková

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,497  
citations

567281

15  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1955  
citing authors

#	ARTICLE	IF	CITATIONS
1	Communities of arbuscular mycorrhizal fungi in arable soils are not necessarily low in diversity. <i>Molecular Ecology</i> , 2006, 15, 2277-2289.	3.9	281
2	The cultivation bias: different communities of arbuscular mycorrhizal fungi detected in roots from the field, from bait plants transplanted to the field, and from a greenhouse trap experiment. <i>Mycorrhiza</i> , 2007, 18, 1-14.	2.8	198
3	Sebacinales Everywhere: Previously Overlooked Ubiquitous Fungal Endophytes. <i>PLoS ONE</i> , 2011, 6, e16793.	2.5	198
4	Comparison of commonly used primer sets for evaluating arbuscular mycorrhizal fungal communities: Is there a universal solution?. <i>Soil Biology and Biochemistry</i> , 2014, 68, 482-493.	8.8	141
5	Surprising spectra of root-associated fungi in submerged aquatic plants. <i>FEMS Microbiology Ecology</i> , 2012, 80, 216-235.	2.7	119
6	Cooccurring <i>Gentiana verna</i> and <i>Gentiana acaulis</i> and Their Neighboring Plants in Two Swiss Upper Montane Meadows Harbor Distinct Arbuscular Mycorrhizal Fungal Communities. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5426-5434.	3.1	85
7	Ericaceous dwarf shrubs affect ectomycorrhizal fungal community of the invasive <i>Pinus strobus</i> and native <i>Pinus sylvestris</i> in a pot experiment. <i>Mycorrhiza</i> , 2011, 21, 403-412.	2.8	78
8	<i>Acaulospora alpina</i> , a new arbuscular mycorrhizal fungal species characteristic for high mountainous and alpine regions of the Swiss Alps. <i>Mycologia</i> , 2006, 98, 286-294.	1.9	60
9	Diversity of mitochondrial large subunit rDNA haplotypes of <i>Glomus intraradices</i> in two agricultural field experiments and two semi-natural grasslands. <i>Molecular Ecology</i> , 2010, 19, 1497-1511.	3.9	49
10	Long-term tracing of <i>Rhizophagus irregularis</i> isolate BEG140 inoculated on <i>Phalaris arundinacea</i> in a coal mine spoil bank, using mitochondrial large subunit rDNA markers. <i>Mycorrhiza</i> , 2012, 22, 69-80.	2.8	48
11	Root-associated fungal communities along a primary succession on a mine spoil: Distinct ecological guilds assemble differently. <i>Soil Biology and Biochemistry</i> , 2017, 113, 143-152.	8.8	46
12	Extensive sampling and high-throughput sequencing reveal <i>Posidoniomyces atricolor</i> gen. et sp. nov. (Aigialaceae, Pleosporales) as the dominant root mycobiont of the dominant Mediterranean seagrass <i>Posidonia oceanica</i> . <i>MycKeys</i> , 2019, 55, 59-86.	1.9	34
13	<i>Geosmithia</i> associated with bark beetles and woodborers in the western USA: taxonomic diversity and vector specificity. <i>Mycologia</i> , 2017, 109, 185-199.	1.9	29
14	PacBio sequencing of Glomeromycota rDNA: a novel amplicon covering all widely used ribosomal barcoding regions and its applicability in taxonomy and ecology of arbuscular mycorrhizal fungi. <i>New Phytologist</i> , 2021, 231, 490-499.	7.3	29
15	Terminal restriction fragment length measurement errors are affected mainly by fragment length, G + C nucleotide content and secondary structure melting point. <i>Journal of Microbiological Methods</i> , 2010, 82, 223-228.	1.6	28
16	Sulfur uptake in the ectomycorrhizal fungus <i>Laccaria bicolor</i> S238N. <i>Mycorrhiza</i> , 2006, 16, 421-427.	2.8	16
17	Forest reclamation of fly ash deposit: a field study on appraisal of mycorrhizal inoculation. <i>Restoration Ecology</i> , 2016, 24, 184-193.	2.9	15
18	Establishment of mycorrhizal symbiosis in <i>Gentiana verna</i> . <i>Folia Geobotanica</i> , 2003, 38, 177-189.	0.9	12

#	ARTICLE	IF	CITATIONS
19	Diverse fungal communities associated with the roots of isoetid plants are structured by host plant identity. <i>Fungal Ecology</i> , 2020, 45, 100914.	1.6	10
20	Sympatric diploid and tetraploid cytotypes of <i>Centaurea stoebe</i> s.l. do not differ in arbuscular mycorrhizal communities and mycorrhizal growth response. <i>American Journal of Botany</i> , 2018, 105, 1995-2007.	1.7	9
21	The importance of arbuscular mycorrhiza for <i>Cyclamen purpurascens</i> subsp. <i>immaculatum</i> endemic in Slovakia. <i>Mycorrhiza</i> , 2015, 25, 599-609.	2.8	6
22	Survival and long-term infectivity of arbuscular mycorrhizal fungi in peat-based substrates stored under different temperature regimes. <i>Applied Soil Ecology</i> , 2019, 140, 98-107.	4.3	3
23	Symbiosis of isoetid plant species with arbuscular mycorrhizal fungi under aquatic versus terrestrial conditions. <i>Mycorrhiza</i> , 2021, 31, 273-288.	2.8	3