Martin VohnÃ-k

List of Publications by Year
in descending order

42 papers	1,442 citations	304743 22 h-index	345221 36 g-index
44 all docs	44 docs citations	44 times ranked	1394 citing authors

#	Article	IF	Citations
1	Are lulworthioid fungi dark septate endophytes of the dominant Mediterranean seagrass Posidonia oceanica?. Plant Biology, 2022, 24, 127-133.	3.8	6
2	Hyaloscypha gabretae and Hyaloscypha gryndleri spp. nov. (Hyaloscyphaceae, Helotiales), two new mycobionts colonizing conifer, ericaceous and orchid roots. Mycorrhiza, 2022, 32, 105-122.	2.8	10
3	Range expansion of Marinomyxa marina, a phytomyxid parasite of the invasive seagrass Halophila stipulacea, to the Caribbean. Aquatic Botany, 2022, 182, 103554.	1.6	5
4	Marinomyxa Gen. Nov. Accommodates Gall-Forming Parasites of the Tropical to Subtropical Seagrass Genus Halophila and Constitutes a Novel Deep-Branching Lineage Within Phytomyxea (Rhizaria:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.8	11
5	Fungal symbionts may modulate nitrate inhibitory effect on orchid seed germination. Mycorrhiza, 2021, 31, 231-241.	2.8	17
6	Bioerosion and fungal colonization of the invasive foraminiferan <i>Amphistegina lobifera</i> in a Mediterranean seagrass meadow. Biogeosciences, 2021, 18, 2777-2790.	3.3	10
7	Enigmatic Phytomyxid Parasite of the Alien Seagrass Halophila stipulacea: New Insights into Its Ecology, Phylogeny, and Distribution in the Mediterranean Sea. Microbial Ecology, 2020, 79, 631-643.	2.8	9
8	Ericoid mycorrhizal symbiosis: theoretical background and methods for its comprehensive investigation. Mycorrhiza, 2020, 30, 671-695.	2.8	50
9	No difference in ectomycorrhizal morphotype composition between abandoned and inhabited nests of wood ants (Formica polyctena) in a central European spruce forest. Geoderma, 2019, 334, 55-62.	5.1	1
10	The root-symbiotic Rhizoscyphus ericae aggregate and Hyaloscypha (Leotiomycetes) are congeneric: Phylogenetic and experimental evidence. Studies in Mycology, 2019, 92, 195-225.	7.2	71
11	Adaptive traits in the seagrass Posidonia oceanica: Root hairs with spiral cell walls, not spiral root hairs. Aquatic Botany, 2019, 155, 52-53.	1.6	5
12	Extensive sampling and high-throughput sequencing reveal Posidoniomyces atricolor gen. et sp. nov. (Aigialaceae, Pleosporales) as the dominant root mycobiont of the dominant Mediterranean seagrass Posidonia oceanica. MycoKeys, 2019, 55, 59-86.	1.9	34
13	When the ribosomal DNA does not tell the truth: The case of the taxonomic position of Kurtia argillacea, an ericoid mycorrhizal fungus residing among Hymenochaetales. Fungal Biology, 2018, 122, 1-18.	2.5	30
14	Ontogenetic transition from specialized root hairs to specific root-fungus symbiosis in the dominant Mediterranean seagrass Posidonia oceanica. Scientific Reports, 2018, 8, 10773.	3.3	29
15	Low root biomass and occurrence of ectomycorrhizal exploration types in inhabited wood ant () Tj ETQq1 1 0.784314 rgBT /Overlock 10 57-62.	3.2	2
16	First record of Rhizoscyphus ericae in Southern Hemisphereâ€™s Ericaceae. Mycorrhiza, 2017, 27, 147-163.	2.8	23
17	Fungal root symbionts of the seagrass Posidonia oceanica in the central Adriatic Sea revealed by microscopy, culturing and 454-pyrosequencing. Marine Ecology - Progress Series, 2017, 583, 107-120.	1.9	28
18	Experimental evidence of ericoid mycorrhizal potential within Serendipitaceae (Sebacinales). Mycorrhiza, 2016, 26, 831-846.	2.8	52

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19	Communities of Cultivable Root Mycobionts of the Seagrass Posidonia oceanica in the Northwest Mediterranean Sea Are Dominated by a Hitherto Undescribed Pleosporalean Dark Septate Endophyte. Microbial Ecology, 2016, 71, 442-451.	2.8	69
20	Effects of nutrient-rich substrate and ectomycorrhizal symbiosis on spruce seedling biomass in abandoned nests of the wood ant (Formica polyctena): a laboratory experiment. Geoderma, 2015, 259-260, 56-61.	5.1	7
21	Anatomically and morphologically unique dark septate endophytic association in the roots of the Mediterranean endemic seagrass Posidonia oceanica. Mycorrhiza, 2015, 25, 663-672.	2.8	43
22	Is the prominent ericoid mycorrhizal fungus Rhizoscyphus ericae absent in the Southern Hemisphereâ€™s Ericaceae? A case study on the diversity of root mycobionts in Gaultheria spp. from northwest Patagonia, Argentina. Mycorrhiza, 2015, 25, 25-40.	2.8	47
23	The Potential of Dark Septate Endophytes to Form Root Symbioses with Ectomycorrhizal and Ericoid Mycorrhizal Middle European Forest Plants. PLoS ONE, 2015, 10, e0124752.	2.5	92
24	The effect of NP fertilization on European blueberry (Vaccinium myrtillus L.) development on cultivated land in mid-Norway. Journal of Berry Research, 2014, 4, 147-157.	1.4	7
25	Asymbiotic germination of mature seeds and protocorm development ofPseudorchis albida(Orchidaceae) are inhibited by nitrates even at extremely low concentrations. Botany, 2013, 91, 662-670.	1.0	28
26	Phytoextraction and Assisted Phytoextraction of Metals from Agriculture Used Soil. Communications in Soil Science and Plant Analysis, 2013, 44, 1862-1872.	1.4	3
27	A diverse fungal community associated with Pseudorchis albida (Orchidaceae) roots. Fungal Ecology, 2013, 6, 50-64.	1.6	61
28	The cultivable endophytic community of Norway spruce ectomycorrhizas from microhabitats lacking ericaceous hosts is dominated by ericoid mycorrhizal Meliniomyces variabilis. Fungal Ecology, 2013, 6, 281-292.	1.6	84
29	Novel Root-Fungus Symbiosis in Ericaceae: Sheathed Ericoid Mycorrhiza Formed by a Hitherto Undescribed Basidiomycete with Affinities to Trechisporales. PLoS ONE, 2012, 7, e39524.	2.5	72
30	Inoculation with a ligninolytic basidiomycete, but not root symbiotic ascomycetes, positively affects growth of highbush blueberry (Ericaceae) grown in a pine litter substrate. Plant and Soil, 2012, 355, 341-352.	3.7	22
31	Surprising spectra of root-associated fungi in submerged aquatic plants. FEMS Microbiology Ecology, 2012, 80, 216-235.	2.7	119
32	Ericaceous dwarf shrubs affect ectomycorrhizal fungal community of the invasive Pinus strobus and native Pinus sylvestris in a pot experiment. Mycorrhiza, 2011, 21, 403-412.	2.8	78
33	Interactions Between Testate Amoebae and Saprotrophic Microfungi in a Scots Pine Litter Microcosm. Microbial Ecology, 2011, 61, 660-668.	2.8	19
34	The Co-occurrence and Morphological Continuum Between Ericoid Mycorrhiza and Dark Septate Endophytes in Roots of Six European Rhododendron Species. Folia Geobotanica, 2011, 46, 373-386.	0.9	63
35	Testate Amoebae (Arcellinida and Euglyphida) vs. Ericoid Mycorrhizal and DSE Fungi: A Possible Novel Interaction in the Mycorrhizosphere of Ericaceous Plants?. Microbial Ecology, 2009, 57, 203-214.	2.8	27
36	Out of the rivers: are some aquatic hyphomycetes plant endophytes?. New Phytologist, 2008, 178, 3-7.	7.3	90

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37	Intracellular colonization ofRhododendron andVaccinium roots byCenococcum geophilum, Geomyces pannorum andMeliniomyces variabilis. Folia Microbiologica, 2007, 52, 407-414.	2.3	39
38	The ascomycete Meliniomyces variabilis isolated from a sporocarp of Hydnotrya tulasnei (Pezizales) intracellularly colonises roots of ecto- and ericoid mycorrhizal host plants.. Czech Mycology, 2007, 59, 215-226.	0.5	15
39	Inoculation ofRhododendron cv. Belle-Heller with two strains ofPhialocephala fortinii in two different substrates. Folia Geobotanica, 2003, 38, 191-200.	0.9	38
40	POST VITRO MYCORRHIZATION AND BACTERIZATION OF MICROPROPAGATED STRAWBERRY, POTATO AND AZALEA. Acta Horticulturae, 2000, , 313-324.	0.2	11
41	Rare phytomyxid infection on the alien seagrass Halophila stipulacea in the southeast Aegean Sea. Mediterranean Marine Science, 0, , 433.	1.6	8
42	Benefits and limits of x-ray micro-computed tomography for visualization of colonization and bioerosion of shelled organisms. Palaeontologia Electronica, 0, , .	0.9	4