

# Admir J Giachini

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,461  
citations

471509

17  
h-index

330143

37  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Notes, outline and divergence times of Basidiomycota. <i>Fungal Diversity</i> , 2019, 99, 105-367.	12.3	256
2	Arbuscular mycorrhizal fungi in phytoremediation of contaminated areas by trace elements: mechanisms and major benefits of their applications. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 1655-1664.	3.6	145
3	Molecular phylogenetics of the gomphoid-phalloid fungi with an establishment of the new subclass Phallomycetidae and two new orders. <i>Mycologia</i> , 2006, 98, 949-959.	1.9	143
4	Molecular phylogenetics of the gomphoid-phalloid fungi with an establishment of the new subclass Phallomycetidae and two new orders. <i>Mycologia</i> , 2006, 98, 949-959.	1.9	106
5	Diversity of Brazilian Fungi. <i>Rodriguesia</i> , 2015, 66, 1033-1045.	0.9	67
6	Ectomycorrhizal fungi in <i>Eucalyptus</i> and <i>Pinus</i> plantations in southern Brazil. <i>Mycologia</i> , 2000, 92, 1166-1177.	1.9	59
7	Ectomycorrhizal Fungi in Eucalyptus and Pinus Plantations in Southern Brazil. <i>Mycologia</i> , 2000, 92, 1166.	1.9	58
8	Antimicrobial Activity of <i>Monascus</i> Pigments Produced in Submerged Fermentation. <i>Journal of Food Processing and Preservation</i> , 2014, 38, 1860-1865.	2.0	53
9	Phylogenetic relationships of the Gomphales based on nuc-25S-rDNA, mit-12S-rDNA, and mit-atp6-DNA combined sequences. <i>Fungal Biology</i> , 2010, 114, 224-234.	2.5	52
10	Molecular phylogenetics of Ramaria and related genera: evidence from nuclear large subunit and mitochondrial small subunit rDNA sequences. <i>Mycologia</i> , 2001, 93, 465-477.	1.9	49
11	Fungal biosurfactants, from nature to biotechnological product: bioprospection, production and potential applications. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 2003-2034.	3.4	46
12	Species richness and seasonal abundance of ectomycorrhizal fungi in plantations of <i>Eucalyptus dunnii</i> and <i>Pinus taeda</i> in southern Brazil. <i>Mycorrhiza</i> , 2004, 14, 375-381.	2.8	38
13	Molecular Phylogenetics of Ramaria and Related Genera: Evidence from Nuclear Large Subunit and Mitochondrial Small Subunit rDNA Sequences. <i>Mycologia</i> , 2001, 93, 465.	1.9	36
14	Effects of zinc addition to a copper-contaminated vineyard soil on sorption of Zn by soil and plant physiological responses. <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 109-119.	6.0	32
15	Biochemical changes in black oat ( <i>avena strigosa</i> schreb) cultivated in vineyard soils contaminated with copper. <i>Plant Physiology and Biochemistry</i> , 2016, 103, 199-207.	5.8	32
16	A new taxonomic classification for species in <i>Gomphus</i> sensu lato. <i>Mycotaxon</i> , 2011, 115, 183-201.	0.3	25
17	Arbuscular mycorrhizal fungi in the growth and extraction of trace elements by <i>Chrysopogon zizanioides</i> (vetiver) in a substrate containing coal mine wastes. <i>International Journal of Phytoremediation</i> , 2017, 19, 113-120.	3.1	25
18	The (re)discovery of ectomycorrhizal symbioses in Neotropical ecosystems sketched in Florianópolis. <i>New Phytologist</i> , 2017, 214, 920-923.	7.3	18

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19	Delimiting species in Basidiomycota: a review. <i>Fungal Diversity</i> , 2021, 109, 181-237.	12.3	18
20	Hypogeous sequestrate fungi in South America – how well do we know them?. <i>Symbiosis</i> , 2017, 71, 9-17.	2.3	17
21	Effects of <i>Rhizophagus clarus</i> and P availability in the tolerance and physiological response of <i>Mucuna cinereum</i> to copper. <i>Plant Physiology and Biochemistry</i> , 2018, 122, 46-56.	5.8	15
22	Efeito de inoculante ectomicorrizico produzido por fermentação semi-sólida sobre o crescimento de <i>Eucalyptus dunnii</i> Maiden. <i>Pesquisa Agropecuaria Brasileira</i> , 2001, 36, 307-313.	0.9	13
23	<i>Restingomyces</i> , a new sequestrate genus from the Brazilian Atlantic rainforest that is phylogenetically related to early-diverging taxa in Trappeaceae (Phallales). <i>Mycologia</i> , 2016, 108, 954-966.	1.9	13
24	Nanofiltration of polysaccharides from <i>Agaricus subrufescens</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9993-10002.	3.6	12
25	Production of polysaccharide from <i>Agaricus subrufescens</i> Peck on solid-state fermentation. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 123-133.	3.6	12
26	An efficient technique for in vitro preservation of <i>Agaricus subrufescens</i> (=A. brasiliensis). <i>Annals of Microbiology</i> , 2012, 62, 1279-1285.	2.6	11
27	Microbially-enriched poultry litter-derived biochar for the treatment of acid mine drainage. <i>Archives of Microbiology</i> , 2018, 200, 1227-1237.	2.2	11
28	Yield increase of corn inoculated with a commercial arbuscular mycorrhizal inoculant in Brazil. <i>Ciencia Rural</i> , 2020, 50, .	0.5	11
29	<i>Longistriata flava</i> (Boletaceae, Basidiomycota) – a new monotypic sequestrate genus and species from Brazilian Atlantic Forest. <i>MycKeys</i> , 2020, 62, 53-73.	1.9	11
30	Mycorrhization of pecans with European truffles ( <i>Tuber</i> spp., Tuberales) under southern subtropical conditions. <i>Applied Soil Ecology</i> , 2021, 168, 104108.	4.3	10
31	The global population structure and beta-lactamase repertoire of the opportunistic pathogen <i>Serratia marcescens</i> . <i>Genomics</i> , 2021, 113, 3523-3532.	2.9	9
32	Systematics of the Gomphales: the genus <i>Gomphus</i> sensu stricto. <i>Mycotaxon</i> , 2012, 120, 385-400.	0.3	8
33	Transfer and consumption of oxygen during the cultivation of the ectomycorrhizal fungus <i>Rhizopogon nigrescens</i> in an airlift bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1013-1024.	3.6	8
34	Phosphorus fractions in apple orchards in southern Brazil. <i>Bragantia</i> , 2017, 76, 422-432.	1.3	7
35	First record of in vitro formation of ectomycorrhizae in <i>Psidium cattleianum</i> Sabine, a native Myrtaceae of the Brazilian Atlantic Forest. <i>PLoS ONE</i> , 2018, 13, e0196984.	2.5	7
36	Selection and characterization of coal mine autochthonous rhizobia for the inoculation of herbaceous legumes. <i>Archives of Microbiology</i> , 2017, 199, 991-1001.	2.2	5

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37	Hysterangium atlanticum sp. nov., forms ectomycorrhizae with Cocoloba species (Polygonaceae) from the Atlantic rainforest of Northeastern Brazil. Symbiosis, 2019, 78, 275-286.	2.3	5
38	MICORRIZAS ARBUSCULARES NO CRESCIMENTO DE LEGUMINOSAS ARBÓREAS EM SUBSTRATO CONTENDO REJEITO DE MINERAÇÃO DE CARVÃO. Cerne, 2016, 22, 181-188.	0.9	4
39	Fungos ectomicorrízicos em plantas de noqueira-pecã e o potencial da truficultura no Brasil. Ciencia Florestal, 2019, 29, 975.	0.3	3
40	Modelo matemático para estimativa da depleção natural de hidrocarbonetos de petróleo a partir de perfis verticais de temperatura. Revista Águas Subterrâneas, 2019, 33, 314-325.	0.1	3
41	Physiological, Biochemical Changes, and Phytotoxicity Remediation in Agricultural Plant Species Cultivated in Soils Contaminated with Copper and Zinc. , 2018, , 29-76.		2
42	Screening and evaluation of filamentous fungi potential for protease production in swine plasma and red blood cells-based media: qualitative and quantitative methods. Biocatalysis and Agricultural Biotechnology, 2019, 21, 101313.	3.1	2
43	Sclerotium-forming fungi from soils of the Atlantic rainforest of Northeastern Brazil. Plant Ecology and Evolution, 2017, 150, 358-362.	0.7	2
44	Fungal Cultivation and Production of Polysaccharides. , 2015, , 377-416.		1
45	Biossólido no estabelecimento de espécies herbáceas e nos atributos químicos e microbiológicos em solo impactado pela mineração de carvão. Engenharia Sanitaria E Ambiental, 2020, 25, 607-617.	0.5	1
46	Potential Promising Set of Plant-Microbe Interactions for the Revegetation of Open-Pit Mining and Smelting Areas in Brazil. , 2016, , 491-520.		0
47	Structure of microbial soil communities in areas of restinga: a case study in a conservation unit in the Atlantic Forest of the Southern Brazilian coast. Tropical Ecology, 2020, 61, 594-600.	1.2	0
48	Natural weathering of petroleum hydrocarbons in onshore spills and the effects on human health risk. Technical Papers ... Rio Oil & Gas, 2020, 20, 496-497.	0.0	0
49	Low cost strategy to demonstrate the natural attenuation of onshore oil leaks based on temperature monitoring and modeling. Technical Papers ... Rio Oil & Gas, 2020, 20, 494-495.	0.0	0
50	Fungal Polysaccharide Production for Dermatological Purposes. , 2021, , 1-32.		0
51	Simulação matemática do transporte de óleo mineral isolante na zona vadosa considerando a constante dielétrica e o Índice de plasticidade. Revista Águas Subterrâneas, 2020, 34, 340-347.	0.1	0
52	Fungal Polysaccharide Production for Dermatological Purposes. , 2022, , 381-412.		0