

Marieka Gryzenhout

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,931
citations

394421

19
h-index

254184

43
g-index

52
all docs

52
docs citations

52
times ranked

2861
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ascomycota Tree of Life: A Phylum-wide Phylogeny Clarifies the Origin and Evolution of Fundamental Reproductive and Ecological Traits. <i>Systematic Biology</i> , 2009, 58, 224-239.	5.6	581
2	Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau061-bau061.	3.0	272
3	Recommendations of generic names in Diaporthales competing for protection or use. <i>IMA Fungus</i> , 2015, 6, 145-154.	3.8	110
4	Phylogenomic Analysis of a 55.1-kb 19-Gene Dataset Resolves a Monophyletic <i>Fusarium</i> that Includes the <i>Fusarium solani</i> Species Complex. <i>Phytopathology</i> , 2021, 111, 1064-1079.	2.2	107
5	Ion Torrent PGM as Tool for Fungal Community Analysis: A Case Study of Endophytes in <i>Eucalyptus grandis</i> Reveals High Taxonomic Diversity. <i>PLoS ONE</i> , 2013, 8, e81718.	2.5	84
6	Surveys of soil and water reveal a goldmine of Phytophthora diversity in South African natural ecosystems. <i>IMA Fungus</i> , 2013, 4, 123-131.	3.8	60
7	Characterization of Phytophthora hybrids from ITS clade 6 associated with riparian ecosystems in South Africa and Australia. <i>Fungal Biology</i> , 2013, 117, 329-347.	2.5	59
8	Testing a global standard for quantifying species recovery and assessing conservation impact. <i>Conservation Biology</i> , 2021, 35, 1833-1849.	4.7	51
9	Botryosphaeriaceae species overlap on four unrelated, native South African hosts. <i>Fungal Biology</i> , 2014, 118, 168-179.	2.5	48
10	One-pot synthesis of zinc oxide nanoparticles via chemical precipitation for bromophenol blue adsorption and the antifungal activity against filamentous fungi. <i>Scientific Reports</i> , 2021, 11, 8305.	3.3	44
11	The Global Soil Mycobiome consortium dataset for boosting fungal diversity research. <i>Fungal Diversity</i> , 2021, 111, 573-588.	12.3	42
12	Multigene phylogenetic and population differentiation data confirm the existence of a cryptic species within <i>Chrysosporthe cubensis</i> . <i>Fungal Biology</i> , 2010, 114, 966-979.	2.5	40
13	Greater Botryosphaeriaceae diversity in healthy than associated diseased <i>Acacia karroo</i> tree tissues. <i>Australasian Plant Pathology</i> , 2013, 42, 421-430.	1.0	34
14	New records of the Cryphonectriaceae from southern Africa including <i>Latruncellus aurorae</i> gen. sp. nov.. <i>Mycologia</i> , 2011, 103, 554-569.	1.9	33
15	Novel species of <i>Celoportha</i> from <i>Eucalyptus</i> and <i>Syzygium</i> trees in China and Indonesia. <i>Mycologia</i> , 2011, 103, 1384-1410.	1.9	33
16	Bioactive compounds from the endophytic fungus <i>Fusarium proliferatum</i> . <i>Natural Product Research</i> , 2016, 30, 1301-1304.	1.8	31
17	AFLP analysis reveals a clonal population of <i>Phytophthora pinifolia</i> in Chile. <i>Fungal Biology</i> , 2010, 114, 746-752.	2.5	26
18	Taxonomy and pathogenicity of two novel <i>Chrysosporthe</i> species from <i>Eucalyptus grandis</i> and <i>Syzygium guineense</i> in Zambia. <i>Mycological Progress</i> , 2010, 9, 379-393.	1.4	25

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19	Temporal and spatial variation of Botryosphaeriaceae associated with <i>Acacia karroo</i> in South Africa. <i>Fungal Ecology</i> , 2015, 15, 51-62.	1.6	22
20	<i>Aurifilum</i> , a new fungal genus in the Cryphonectriaceae from <i>Terminalia</i> species in Cameroon. <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 263-278.	1.7	20
21	Diversity of tree-infecting Botryosphaeriales on native and non-native trees in South Africa and Namibia. <i>Australasian Plant Pathology</i> , 2017, 46, 529-545.	1.0	18
22	New and rare coelomycetes with appendage-bearing conidia from Pondoland, South Africa. <i>Mycotaxon</i> , 2010, 111, 309-322.	0.3	17
23	The <i>Eucalyptus</i> canker pathogen <i>Chrysosporthe cubensis</i> discovered in eastern Australia. <i>Australasian Plant Pathology</i> , 2010, 39, 343.	1.0	15
24	DNA-based method for rapid identification of the pine pathogen, <i>Phytophthora pinifolia</i> . <i>FEMS Microbiology Letters</i> , 2009, 298, 99-104.	1.8	14
25	Multiple <i>Phytophthora</i> species associated with a single riparian ecosystem in South Africa. <i>Mycologia</i> , 2015, 107, 915-925.	1.9	14
26	A first checklist of macrofungi for South Africa. <i>Mycology</i> , 2020, 63, 1-48.	1.9	14
27	(016-020) Proposals to amend the Code to make clear that it covers the nomenclature of fungi, and to modify its governance with respect to names of organisms treated as fungi. <i>Taxon</i> , 2009, 58, 658-659.	0.7	13
28	Endophyte isolations from <i>Syzygium cordatum</i> and a <i>Eucalyptus</i> clone (Myrtaceae) reveal new host and geographical reports for the <i>Mycosphaerellaceae</i> and <i>Teratosphaeriaceae</i> . <i>Australasian Plant Pathology</i> , 2014, 43, 503-512.	1.0	13
29	The status of mycology in Africa: A document to promote awareness. <i>IMA Fungus</i> , 2012, 3, 99-102.	3.8	12
30	<i>Ananas comosus</i> peel-mediated green synthesized magnetite nanoparticles and their antifungal activity against four filamentous fungal strains. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 5649-5660.	4.6	12
31	Species delineation in the tree pathogen genus <i>Celoportha</i> (Cryphonectriaceae) in southern Africa. <i>Mycologia</i> , 2013, 105, 297-311.	1.9	11
32	DNA sequence incongruence and inconsistent morphology obscure species boundaries in the <i>Teratosphaeria suttonii</i> species complex. <i>Mycoscience</i> , 2012, 53, 270-283.	0.8	10
33	Population structure of the fungal pathogen <i>Holocryphia eucalypti</i> in Australia and South Africa. <i>Australasian Plant Pathology</i> , 2008, 37, 154.	1.0	9
34	Synthesis, characterization, DFT and biological activity of oligothiophene β^2 -diketone and Cu-complexes. <i>Polyhedron</i> , 2021, 205, 115290.	2.2	9
35	The need to engage with citizen scientists to study the rich fungal biodiversity in South Africa. <i>IMA Fungus</i> , 2015, 6, A58-A64.	3.8	5
36	Baseline Data of the Fungal Phytobiome of Three Sorghum (<i>Sorghum bicolor</i>) Cultivars in South Africa using Targeted Environmental Sequencing. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 978.	3.5	4

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37	<i>Fusarium casha</i> sp. nov. and <i>F. curculicola</i> sp. nov. in the <i>Fusarium</i> <i>fujikuroi</i> Species Complex Isolated from <i>Amaranthus</i> <i>cruentus</i> and Three Weevil Species in South Africa. <i>Diversity</i> , 2021, 13, 472.	1.7	3
38	Proposals 016â€“020 to amend the International Code of Botanical Nomenclature. <i>Mycotaxon</i> , 2009, 108, 1-4.	0.3	2
39	High genetic diversity of spider species in a mosaic montane grassland landscape. <i>PLoS ONE</i> , 2020, 15, e0234437.	2.5	2
40	Ganoderma: Diversity, Ecological Significances, and Potential Applications in Industry and Allied Sectors. <i>Fungal Biology</i> , 2021, , 295-334.	0.6	2
41	First report of various <i>Fusarium</i> species from the Stevenson-Hamilton Supersite granite catena system in the Kruger National Park, South Africa. <i>Koedoe</i> , 2020, 62, .	0.9	1
42	Genomic DNA extraction from minimal amount of dried mushroom samples. <i>Microbial Biosystems Journal</i> , 2021, 6, 49-54.	0.6	1
43	Fungal Cellulases: Current Research and Future Challenges. <i>Fungal Biology</i> , 2021, , 263-298.	0.6	1
44	Characterization of the Endophytic Mycobiome in Cowpea (<i>Vigna unguiculata</i>) from a Single Location Using Illumina Sequencing. <i>Agriculture (Switzerland)</i> , 2022, 12, 333.	3.1	1
45	Society and Association News. <i>IMA Fungus</i> , 2010, 1, 10-13.	3.8	0
46	Society And Association News. <i>IMA Fungus</i> , 2011, 2, A25-A29.	3.8	0
47	Fungal community structure variability between the root rhizosphere and endosphere in a granite catena system in Kruger National Park, South Africa. <i>Koedoe</i> , 2020, 62, .	0.9	0
48	A â€œpocket-friendlyâ€•Dimethyl Sulphoxide (DMSO) technique for mushroom genomic DNA extraction suitable for DNA-based identifications. <i>Microbial Biosystems Journal</i> , 2021, 6, 66-74.	0.6	0