

# Gladstone Silva

## List of Publications by Year in descending order

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82  
papers

3,586  
citations

236612

25  
h-index

149479

56  
g-index

86  
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86  
docs citations

86  
times ranked

2805  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outline of Fungi and fungus-like taxa. <i>Mycosphere</i> , 2020, 11, 1060-1456.	1.9	405
2	Fungal diversity notes 367â€“490: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2016, 80, 1-270.	4.7	314
3	Advances in Glomeromycota taxonomy and classification. <i>IMA Fungus</i> , 2011, 2, 191-199.	1.7	230
4	Fungal Planet description sheets: 469-557. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 37, 218-403.	1.6	196
5	Fungal Planet description sheets: 400â€“468. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 36, 316-458.	1.6	193
6	Fungal diversity notes 491â€“602: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2017, 83, 1-261.	4.7	180
7	Fungal Planet description sheets: 785â€“867. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2018, 41, 238-417.	1.6	163
8	Fungal Planet description sheets: 625â€“715. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2017, 39, 270-467.	1.6	148
9	Fungal Planet description sheets: 716â€“784. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2018, 40, 239-392.	1.6	142
10	<i>Glomeromycota</i> : three new genera and glomoid species reorganized. <i>Mycotaxon</i> , 2011, 116, 75-120.	0.1	111
11	<i>Rhizoglomus</i> , a new genus of the <i>Glomeraceae</i> . <i>Mycotaxon</i> , 2015, 129, 373-386.	0.1	102
12	Superior differentiation of arbuscular mycorrhizal fungal communities from till and no-till plots by morphological spore identification when compared to T-RFLP. <i>Soil Biology and Biochemistry</i> , 2014, 72, 88-96.	4.2	89
13	Arbuscular mycorrhizal fungi in a semiarid copper mining area in Brazil. <i>Mycorrhiza</i> , 2005, 15, 47-53.	1.3	74
14	One stop shop II: taxonomic update with molecular phylogeny for important phytopathogenic genera: 26â€“50 (2019). <i>Fungal Diversity</i> , 2019, 94, 41-129.	4.7	69
15	<i>Glomeromycota</i> : two new classes and a new order. <i>Mycotaxon</i> , 2011, 116, 365-379.	0.1	67
16	Phylogenetic analysis of Glomeromycota by partial LSU rDNA sequences. <i>Mycorrhiza</i> , 2006, 16, 183-189.	1.3	57
17	<i>Intraornatosporaceae</i> ( <i>Gigasporales</i> ), a new family with two new genera and two new species. <i>Mycotaxon</i> , 2012, 119, 117-132.	0.1	52
18	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. <i>IMA Fungus</i> , 2018, 9, 167-175.	1.7	45

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19	Revision of <i>Glomeromycetes</i> with entrophosporoid and glomoid spore formation with three new genera. <i>Mycotaxon</i> , 2011, 117, 297-316.	0.1	43
20	Bezerromycetales and Wiesneriomycetales ord. nov. (class Dothideomycetes), with two novel genera to accommodate endophytic fungi from Brazilian cactus. <i>Mycological Progress</i> , 2017, 16, 297-309.	0.5	38
21	Changes in an Arbuscular Mycorrhizal Fungi Community Along an Environmental Gradient. <i>Plants</i> , 2020, 9, 52.	1.6	36
22	New endophytic <i>Toxicocladosporium</i> species from cacti in Brazil, and description of <i>Neocladosporium</i> gen. nov.. <i>IMA Fungus</i> , 2017, 8, 77-97.	1.7	33
23	A new species of <i>Lichtheimia</i> (Mucoromycotina, Mucorales) isolated from Brazilian soil. <i>Mycological Progress</i> , 2014, 13, 343-352.	0.5	31
24	Communities of arbuscular mycorrhizal fungi on a vegetation gradient in tropical coastal dunes. <i>Applied Soil Ecology</i> , 2015, 96, 7-17.	2.1	29
25	Checklist of the arbuscular mycorrhizal fungi (&l&gt;Glomeromycota&l&gt;) in the Brazilian semiarid. <i>Mycotaxon</i> , 2010, 113, 251-254.	0.1	28
26	Diversity of arbuscular mycorrhizal fungi in restinga and dunes areas in Brazilian Northeast. <i>Biodiversity and Conservation</i> , 2012, 21, 2361-2373.	1.2	27
27	Ancient lineages of arbuscular mycorrhizal fungi provide little plant benefit. <i>Mycorrhiza</i> , 2021, 31, 559-576.	1.3	27
28	Potencial de infectividade de fungos micorrízicos arbusculares oriundos de Área de caatinga nativa e degradada por mineração, no Estado da Bahia, Brasil. <i>Revista Brasileira De Botanica</i> , 2001, 24, 135-143.	0.5	25
29	The community of arbuscular mycorrhizal fungi in natural and revegetated coastal areas (Atlantic Tj ETQq1 1 0.784314 rgBT/Overlook	1.2	25
30	Edaphic Factors Influence the Distribution of Arbuscular Mycorrhizal Fungi Along an Altitudinal Gradient of a Tropical Mountain. <i>Microbial Ecology</i> , 2019, 78, 904-913.	1.4	24
31	Fungal Systematics and Evolution: FUSE 5. <i>Sydowia</i> , 2019, 71, 141-245.	3.7	24
32	&l&gt;Racocetra intraornata&l&gt;, a new species in the &l&gt;Glomeromycetes&l&gt; with a unique spore wall structure. <i>Mycotaxon</i> , 2009, 109, 483-491.	0.1	23
33	<i>Orbispora</i> gen. nov., ancestral in the <i>Scutellosporaceae</i> ( <i>Glomeromycetes</i> ). <i>Mycotaxon</i> , 2011, 116, 161-169.	0.1	22
34	Diversidade de fungos micorrízicos arbusculares em Área de Caatinga, PE, Brasil. <i>Acta Botanica Brasilica</i> , 2012, 26, 938-943.	0.8	22
35	<i>Acaulospora nivalis</i> , a new fungus in the <i>Glomeromycetes</i> , characteristic for high alpine and nival altitudes of the Swiss Alps. <i>Nova Hedwigia</i> , 2012, 95, 105-122.	0.2	21
36	<i>Corniculariella brasiliensis</i> , a new species of coelomycetes in the rhizosphere of <i>Caesalpinia echinata</i> (Fabaceae, Caesalpinioideae) in Brazil. <i>Phytotaxa</i> , 2014, 178, 197.	0.1	20

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37	<i>Acaulospora pustulata</i> and <i>Acaulospora tortuosa</i> , two new species in the Glomeromycota from Sierra Nevada National Park (southern Spain). <i>Nova Hedwigia</i> , 2013, 97, 305-319.	0.2	19
38	Community structure of arbuscular mycorrhizal fungi in fluvial and maritime dunes of Brazilian Northeast. <i>Applied Soil Ecology</i> , 2016, 108, 136-146.	2.1	19
39	Ecological aspects of arbuscular mycorrhizal fungal communities in different habitat types of a Brazilian mountainous area. <i>Ecological Research</i> , 2019, 34, 182-192.	0.7	19
40	Fungos micorrízicos arbusculares em Áreas de plantio de leucena e sAbia no estado de Pernambuco. <i>Revista Arvore</i> , 2007, 31, 427-435.	0.5	18
41	<i>Dentiscutata colliculosa</i> , a new species in the Glomeromycetes from Northeastern Brazil with colliculate spore ornamentation. <i>Nova Hedwigia</i> , 2010, 90, 383-393.	0.2	16
42	<i>Nanoglomus plukenetiae</i> , a new fungus from Peru, and a key to small-spored Glomeraceae species, including three new genera in the "Dominikia complex/clades": <i>Mycological Progress</i> , 2019, 18, 1395-1409.	0.5	16
43	<i>Dominikia bernensis</i> , a new arbuscular mycorrhizal fungus from a Swiss no-till farming site, and <i>D. aurea</i> , <i>D. compressa</i> and <i>D. indica</i> , three new combinations in Dominikia. <i>Nova Hedwigia</i> , 2015, 101, 65-76.	0.2	15
44	<i>Phaeosphaeria nodulispora</i> , a new endophytic coelomycete isolated from tropical palm ( <i>Cocos</i> ) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 46	0.2	15
45	<i>Microkamiensia</i> gen. nov. and <i>Microkamiensia peruviana</i> , a new arbuscular mycorrhizal fungus from Western Amazonia. <i>Nova Hedwigia</i> , 2019, 109, 355-368.	0.2	15
46	<i>Racocetra tropicana</i> , a new species in the Glomeromycetes from tropical areas. <i>Nova Hedwigia</i> , 2011, 92, 69-82.	0.2	14
47	<i>Glomus trufemii</i> ( <i>Glomeromycetes</i> ), a new sporocarpic species from Brazilian sand dunes. <i>Mycotaxon</i> , 2012, 120, 1-9.	0.1	14
48	<i>Septoglomus altomontanum</i> , a new arbuscular mycorrhizal fungus from mountainous and alpine areas in Andalucía (southern Spain). <i>IMA Fungus</i> , 2013, 4, 243-249.	1.7	14
49	Arbuscular mycorrhiza in species of Commelinidae (Liliopsida) in the state of Pernambuco (Brazil). <i>Acta Botanica Brasílica</i> , 2001, 15, 155-165.	0.8	13
50	<i>Acaulospora punctata</i> , a new fungal species in the Glomeromycetes from mountainous altitudes of the Swiss Alps and Chilean Andes. <i>Nova Hedwigia</i> , 2011, 93, 353-362.	0.2	13
51	Assemblages of arbuscular mycorrhizal fungi in tropical humid and dry forests in the Northeast of Brazil. <i>Botany</i> , 2018, 96, 859-871.	0.5	13
52	<i>Corymbiglomus pacificum</i> , a new glomeromycete from a saline lakeshore in Chile. <i>Mycotaxon</i> , 2014, 127, 173-183.	0.1	12
53	<i>Palaeospora spainii</i> , a new arbuscular mycorrhizal fungus from Swiss agricultural soils. <i>Nova Hedwigia</i> , 2015, 101, 89-102.	0.2	12
54	New recombinations in <i>Glomeromycota</i> . <i>Mycotaxon</i> , 2011, 117, 429-434.	0.1	10

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55	<i>Septoglomus titan</i>, a new fungus in the <i>Glomeraceae</i> (<i>Glomeromycetes</i>) from Bahia, Brazil. Mycotaxon, 2013, 124, 101-109.	0.1	10
56	Advances in Arbuscular Mycorrhizal Taxonomy. Fungal Biology, 2016, , 15-21.	0.3	10
57	<i>Acaulospora reducta</i> sp. nov. and <i>A. excavata</i> “ two glomeromycotan fungi with pitted spores from Brazil. Mycotaxon, 2016, 130, 983-995.	0.1	10
58	Mycorrhizae in Monocotyledonae of Northeast Brazil: subclasses Alismatidae, Arecidae and Zingiberidae. Mycorrhiza, 2000, 10, 151-153.	1.3	9
59	<i>Acaulospora herrerae</i> , a new pitted species in the Glomeromycetes from Cuba and Brazil. Nova Hedwigia, 2013, 97, 401-413.	0.2	9
60	<i>Scutellospora alterata</i>, a new gigasporalean species from the semi-arid Caatinga biome in Northeastern Brazil. Mycotaxon, 2013, 125, 169-181.	0.1	9
61	Phylogenetic systematics of the <i>Gigasporales</i>. Mycotaxon, 2013, 122, 207-220.	0.1	9
62	<i>Diversispora clara</i> (<i>Glomeromycetes</i>) “ a new species from saline dunes in the Natural Park Cabo de Gata (Spain). Mycotaxon, 2012, 118, 73-81.	0.1	8
63	<i>Glomus compressum</i> , a new arbuscular mycorrhizal fungus from different agro-ecosystems in Central Europe. Nova Hedwigia, 2014, 99, 429-439.	0.2	8
64	<i>Acaulospora papillosa</i> , a new mycorrhizal fungus from NE Brazil, and <i>Acaulospora rugosa</i> from Norway. Phytotaxa, 2016, 260, 14.	0.1	8
65	<i>Bifusisporella sorghi</i> gen. et sp. nov. (Magnaporthaceae) to accommodate an endophytic fungus from Brazil. Mycological Progress, 2019, 18, 847-854.	0.5	8
66	The Mosaic Architecture of NRPS-PKS in the Arbuscular Mycorrhizal Fungus <i>Gigaspora margarita</i> Shows a Domain With Bacterial Signature. Frontiers in Microbiology, 2020, 11, 581313.	1.5	8
67	<i>Circinella simplex</i> “ a misapplied name of <i>Mucor circinatus</i> sp. nov.. Phytotaxa, 2017, 329, 269.	0.1	7
68	<i>Acaulospora viridis</i> , a new species in the Glomeromycetes from two mountain ranges in AndaluÃa (Spain). Nova Hedwigia, 2014, 99, 71-82.	0.2	6
69	<i>Septoglomus nigrum</i> , a new arbuscular mycorrhizal fungus from France, Germany and Switzerland. Nova Hedwigia, 2019, 109, 121-134.	0.2	6
70	Communities of arbuscular mycorrhizal fungi in maize (<i>Zea mays</i> L.) crops along an edaphoclimatic gradient in Northeast Brazil. Botany, 2018, 96, 767-778.	0.5	5
71	Mycological Diversity Description II. Acta Botanica Brasilica, 2019, 33, 163-173.	0.8	5
72	<i>Cetraspora helvetica</i>, a new ornamented species in the <i>Glomeromycetes</i> from Swiss agricultural fields. Mycotaxon, 2011, 114, 71-84.	0.1	4

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73	<i>Acaulospora baetica</i> , a new arbuscular mycorrhizal fungal species from two mountain ranges in Andalucía (Spain). <i>Nova Hedwigia</i> , 2015, 101, 463-474.	0.2	4
74	<i>Acaulospora spinulifera</i> , a new arbuscular mycorrhizal fungal species from the Brazilian Cerrado and Atlantic Rain forest. <i>Nova Hedwigia</i> , 2017, 105, 219-229.	0.2	4
75	<i>Acaulospora tsugae</i> , a new species in the Glomeromycetes from Taiwan, and a key to species in Acaulosporaceae. <i>Nova Hedwigia</i> , 2019, 108, 475-488.	0.2	4
76	Phylogenetic placement of <i>Tritirachium</i> strains from the URM culture collection originally founded by Augusto Chaves Batista (1916-1967) in Brazil, and the description of <i>T. batistae</i> sp. nov.. <i>Acta Botanica Brasilica</i> , 2020, 34, 290-300.	0.8	4
77	<i>Fuscutata aurea</i> , a new species in the Glomeromycetes from cassava and maize fields in the Atlantic rainforest zone of Northeastern Brazil. <i>Nova Hedwigia</i> , 2012, 95, 267-275.	0.2	3
78	&lt;/&gt; <i>Cladosporium</i> &lt;/&gt; species from hypersaline environments as endophytes in leaves of &lt;/&gt; <i>Cocos nucifera</i> &lt;/&gt; and &lt;/&gt; <i>Vitis labrusca</i> &lt;/&gt;. <i>Mycotaxon</i> , 2014, 129, 25-31.	0.1	3
79	Seasonality affects the community of endophytic fungi in coconut ( <i>Cocos nucifera</i> ) crop leaves. <i>Acta Botanica Brasilica</i> , 2020, 34, 704-711.	0.8	2
80	Extraction of Tannase by the New Strain of <i>Penicillium</i> . <i>Current Biotechnology</i> , 2017, 6, .	0.2	2
81	Discrimination of <i>Gigaspora</i> species by PCR specific primers and phylogenetic analysis. <i>Mycotaxon</i> , 2012, 118, 17-26.	0.1	1
82	<i>Mortierella verticillata</i> Linnem. (Mortierellomycota, Mortierellales) isolated from mountainous environments: a first report from South America. <i>Check List</i> , 2020, 16, 907-910.	0.1	1