

Cecile Gueidan

List of Publications by Year in descending order

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74
papers

11,025
citations

94433

37
h-index

82547

72
g-index

74
all docs

74
docs citations

74
times ranked

8247
citing authors

#	ARTICLE	IF	CITATIONS
1	A higher-level phylogenetic classification of the Fungi. <i>Mycological Research</i> , 2007, 111, 509-547.	2.5	1,994
2	Reconstructing the early evolution of Fungi using a six-gene phylogeny. <i>Nature</i> , 2006, 443, 818-822.	27.8	1,625
3	Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. <i>American Journal of Botany</i> , 2004, 91, 1446-1480.	1.7	718
4	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
5	A class-wide phylogenetic assessment of Dothideomycetes. <i>Studies in Mycology</i> , 2009, 64, 1-15.	7.2	540
6	Families of Dothideomycetes. <i>Fungal Diversity</i> , 2013, 63, 1-313.	12.3	509
7	Phylogenetic lineages in the Capnodiales. <i>Studies in Mycology</i> , 2009, 64, 17-47.	7.2	305
8	A five-gene phylogeny of Pezizomycotina. <i>Mycologia</i> , 2006, 98, 1018-1028.	1.9	283
9	A five-gene phylogeny of Pezizomycotina. <i>Mycologia</i> , 2006, 98, 1018-1028.	1.9	280
10	A two-locus DNA sequence database for typing plant and human pathogens within the <i>Fusarium oxysporum</i> species complex. <i>Fungal Genetics and Biology</i> , 2009, 46, 936-948.	2.1	275
11	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
12	A multigene phylogenetic synthesis for the class Lecanoromycetes (Ascomycota): 1307 fungi representing 1139 infrageneric taxa, 317 genera and 66 families. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 132-168.	2.7	248
13	New insights into classification and evolution of the Lecanoromycetes (Pezizomycotina, Ascomycota) from phylogenetic analyses of three ribosomal RNA- and two protein-coding genes. <i>Mycologia</i> , 2006, 98, 1088-1103.	1.9	227
14	Novel Multilocus Sequence Typing Scheme Reveals High Genetic Diversity of Human Pathogenic Members of the <i>Fusarium incarnatum</i> - <i>F. equiseti</i> and <i>F. chlamydosporum</i> Species Complexes within the United States. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3851-3861.	3.9	227
15	Naming and outline of Dothideomycetes 2014 including proposals for the protection or suppression of generic names. <i>Fungal Diversity</i> , 2014, 69, 1-55.	12.3	216
16	A rock-inhabiting ancestor for mutualistic and pathogen-rich fungal lineages. <i>Studies in Mycology</i> , 2008, 61, 111-119.	7.2	178
17	Biodiversity of the genus <i>Cladophialophora</i> . <i>Studies in Mycology</i> , 2008, 61, 175-191.	7.2	172
18	Eurotiomycetes: Eurotiomycetidae and Chaetothyriomycetidae. <i>Mycologia</i> , 2006, 98, 1053-1064.	1.9	158

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19	Using a multigene phylogenetic analysis to assess generic delineation and character evolution in Verrucariaceae (Verrucariales, Ascomycota). <i>Mycological Research</i> , 2007, 111, 1145-1168.	2.5	151
20	Revisiting photobiont diversity in the lichen family Verrucariaceae (Ascomycota). <i>European Journal of Phycology</i> , 2011, 46, 399-415.	2.0	148
21	New insights into classification and evolution of the Lecanoromycetes (Pezizomycotina, Ascomycota) from phylogenetic analyses of three ribosomal RNA- and two protein-coding genes. <i>Mycologia</i> , 2006, 98, 1088-1103.	1.9	140
22	Evolution of complex symbiotic relationships in a morphologically derived family of lichen-forming fungi. <i>New Phytologist</i> , 2015, 208, 1217-1226.	7.3	105
23	Rock-inhabiting fungi originated during periods of dry climate in the late Devonian and middle Triassic. <i>Fungal Biology</i> , 2011, 115, 987-996.	2.5	102
24	Eurotiomycetes: Eurotiomycetidae and Chaetothyriomycetidae. <i>Mycologia</i> , 2006, 98, 1053-1064.	1.9	91
25	Generic classification of the Verrucariaceae (Ascomycota) based on molecular and morphological evidence: recent progress and remaining challenges. <i>Taxon</i> , 2009, 58, 184-208.	0.7	88
26	Genetic diversity and species delimitation in the opportunistic genus <i>Fonsecaea</i> . <i>Medical Mycology</i> , 2009, 47, 17-25.	0.7	80
27	The adaptive radiation of lichen-forming Teloschistaceae is associated with sunscreens pigments and a bark-to-rock substrate shift. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11600-11605.	7.1	77
28	Refined families of Dothideomycetes: orders and families incertae sedis in Dothideomycetes. <i>Fungal Diversity</i> , 2020, 105, 17-318.	12.3	70
29	Implications of the 2019-2020 megafires for the biogeography and conservation of Australian vegetation. <i>Nature Communications</i> , 2021, 12, 1023.	12.8	68
30	Phylogenetic analyses of eurotiomycetous endophytes reveal their close affinities to Chaetothyriales, Eurotiales, and a new order - Phaeomoniellales. <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 117-130.	2.7	66
31	Nutritional physiology of a rock-inhabiting, model microcolonial fungus from an ancestral lineage of the Chaetothyriales (Ascomycetes). <i>Fungal Genetics and Biology</i> , 2013, 56, 54-66.	2.1	62
32	A reappraisal of orders and families within the subclass Chaetothyriomycetidae (Eurotiomycetes). <i>Journal of Fungi</i> , 2021, 7, 1023.	1.4	62
33	Taxonomy of <i>Ochroconis</i> , genus including opportunistic pathogens on humans and animals. <i>Fungal Diversity</i> , 2014, 65, 89-126.	12.3	61
34	Mountain tips as reservoirs for new rock-fungal entities: <i>Saxomyces</i> gen. nov. and four new species from the Alps. <i>Fungal Diversity</i> , 2014, 65, 167-182.	12.3	53
35	New insights into classification and evolution of the Lecanoromycetes (Pezizomycotina, Ascomycota) from phylogenetic analyses of three ribosomal RNA- and two protein-coding genes. <i>Mycologia</i> , 2006, 98, 1088-103.	1.9	52
36	The Lichen Connections of Black Fungi. <i>Mycopathologia</i> , 2013, 175, 523-535.	3.1	49

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37	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. IMA Fungus, 2018, 9, 167-175.	3.8	45
38	A phylogenetic perspective on the association between ants (Hymenoptera: Formicidae) and black yeasts (Ascomycota: Chaetothyriales). Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162519.	2.6	38
39	Elucidating phylogenetic relationships and genus-level classification within the fungal family Trypetheliaceae (Ascomycota: Dothideomycetes). Taxon, 2014, 63, 974-992.	0.7	37
40	Molecular phylogeny of Heteropladidium, Placidium, and related catapyrenioid genera (Verrucariaceae, Tj ETQq0 0 0 rgBT / Overlock 10 T	1.7	35
41	Molecular phylogeny and systematics of Polyblastia (Verrucariaceae, Eurotiomycetes) and allied genera. Mycological Research, 2008, 112, 1307-1318.	2.5	32
42	The Protean Acremonium. A. sclerotigenum/egyptiacum: Revision, Food Contaminant, and Human Disease. Microorganisms, 2018, 6, 88.	3.6	32
43	A phylogenetic framework for reassessing generic concepts and species delimitation in the lichenized family <i>Trypetheliaceae</i> (Ascomycota: Dothideomycetes). Lichenologist, 2016, 48, 739-762.	0.8	31
44	New molecular data on <i>Pyrenulaceae</i> from Sri Lanka reveal two well-supported groups within this family. Lichenologist, 2012, 44, 639-647.	0.8	30
45	Development of a new MLST scheme for differentiation of Fusarium solani Species Complex (FSSC) isolates. Journal of Microbiological Methods, 2010, 82, 319-323.	1.6	29
46	The phylogenetic position of the lichenicolous ascomycete Capronia peltigerae. Fungal Diversity, 2011, 49, 225-233.	12.3	29
47	Phylogenetic placement of some morphologically unusual members of Verrucariales. Mycologia, 2010, 102, 835-846.	1.9	28
48	A multigene phylogeny reveals that Ochroconis belongs to the family Sympoventuriaceae (Venturiales, Tj ETQq0 0 0 rgBT / Overlock 10	12.3	27
49	Molecular phylogeny of the tropical lichen family Pyrenulaceae: contribution from dried herbarium specimens and FTA card samples. Mycological Progress, 2016, 15, 1.	1.4	27
50	Comparison of two DNA sequence-based typing schemes for the Fusarium solani Species Complex and proposal of a new consensus method. Journal of Microbiological Methods, 2012, 91, 65-72.	1.6	17
51	A pot-pourri of new species of <i>Trypetheliaceae</i> resulting from molecular phylogenetic studies. Lichenologist, 2016, 48, 639-660.	0.8	17
52	PacBio amplicon sequencing for metabarcoding of mixed DNA samples from lichen herbarium specimens. MycoKeys, 2019, 53, 73-91.	1.9	17
53	A MOLECULAR PHYLOGENY OF <i>ACROCHAETE</i> AND OTHER ENDOPHYTIC GREEN ALGAE (ULVALES, Tj ETQq1 1 0.784314 rgBT / C	2.3	16
54	Phylogeny and taxonomy of <i>Staurothele</i> (<i>Verrucariaceae</i>, lichenized ascomycetes) from the karst of northern Vietnam. Lichenologist, 2014, 46, 515-533.	0.8	16

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55	Use of ribosomal introns as new markers of genetic diversity in <i>Exophiala dermatitidis</i> . <i>Fungal Biology</i> , 2011, 115, 1038-1050.	2.5	15
56	Towards a Systems Biology Approach to Understanding the Lichen Symbiosis: Opportunities and Challenges of Implementing Network Modelling. <i>Frontiers in Microbiology</i> , 2021, 12, 667864.	3.5	15
57	Fungal taxonomy: New developments in medically important fungi. <i>Current Fungal Infection Reports</i> , 2009, 3, 170-178.	2.6	14
58	Phylogenetic position of the brown algae-associated lichenized fungus <i>Verrucaria tavaresiae</i> (Verrucariaceae). <i>Bryologist</i> , 2011, 114, 563.	0.6	14
59	<i>Anzia mahaelyensis</i> and <i>Anzia flavotenuis</i> , two new lichen species from Sri Lanka. <i>Lichenologist</i> , 2012, 44, 381-389.	0.8	14
60	A preliminary molecular phylogeny of the genus <i>Riccia</i> L. (Ricciaceae) in Australia. <i>Australian Systematic Botany</i> , 2016, 29, 197.	0.9	14
61	5 Pezizomycotina: Eurotiomycetes. , 2015, , 121-141.		14
62	Forty-six new species of <i>Trypetheliaceae</i> from the tropics. <i>Lichenologist</i> , 2016, 48, 609-638.	0.8	13
63	Phylogenetic relationships, taxonomic revision and new taxa of <i>Termitomyces</i> (Lyophyllaceae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 1</i>	0.3	12
64	Sequence data from isolated lichen-associated melanized fungi enhance delimitation of two new lineages within <i>Chaetothyriomycetidae</i> . <i>Mycological Progress</i> , 2021, 20, 911-927.	1.4	11
65	4 Pezizomycotina: Lecanoromycetes. , 2015, , 89-120.		9
66	Molecular data confirm the position of <i>Flakea papillata</i> in the Verrucariaceae. <i>Bryologist</i> , 2009, 112, 538-543.	0.6	8
67	Multi-locus phylogeny supports the placement of <i>Endocarpon pulvinatum</i> within <i>Staurothele</i> s. str. (lichenised ascomycetes, Eurotiomycetes, Verrucariaceae). <i>Phytotaxa</i> , 2017, 306, 37.	0.3	8
68	Molecular Data Confirm Morphological and Ecological Plasticity within the North-American Endemic Lichen <i>Willeya diffractella</i> (Verrucariaceae). <i>Systematic Botany</i> , 2015, 40, 369-375.	0.5	7
69	Molecular phylogeny and taxonomy of the endolithic lichen genus <i>Bagliettoa</i> (Ascomycota:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 1</i>	0.7	6
70	A long-read amplicon approach to scaling up the metabarcoding of lichen herbarium specimens. <i>MycoKeys</i> , 2022, 86, 195-212.	1.9	6
71	Complete Genome Sequence of an Australian Strain of the Lichen-Forming Fungus <i>Endocarpon pusillum</i> (Hedwig). <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	4
72	The strange case of <i>Ocellomma rediuntum</i> (<i>Arthoniales</i> : <i>Roccellaceae</i>) in Australia: a remarkably disjunct lichen. <i>Lichenologist</i> , 2020, 52, 187-195.	0.8	2

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73	Testing carbon and nitrogen sources for the <i>in vitro</i> growth of the model lichenized fungus <i>Endocarpon pusillum</i> Hedw.. <i>Lichenologist</i> , 2021, 53, 257-264.	0.8	2
74	Freshwater Flora of Central Europe: Lichens Holger Thöms , Matthias Schultz . 2009. Süßwasserflora von Mitteleuropa, Bd. 21/1: Fungi, 1. Teil: Lichens. Spektrum Akademischer Verlag, Heidelberg, 223.. ISBN: 978-3827415943. Price approx. US\$90,-63 + shipping and postage.. <i>Bryologist</i> , 2010, 113, 222-223.	0.6	1