

Michael Stech

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,011
citations

394421

19
h-index

454955

30
g-index

51
all docs

51
docs citations

51
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	The status of <i>Platyhypnidium mutatum</i> Ochyra & Vanderpoorten and the systematic value of the Donrichardsiaceae based on molecular data. <i>Journal of Bryology</i> , 1999, 21, 191-195.	1.2	68
2	Disentangling knots of rapid evolution: origin and diversification of the moss order Hypnales. <i>Journal of Bryology</i> , 2012, 34, 187-211.	1.2	60
3	Molecular evolution of the trnLUAA intron in bryophytes. <i>Molecular Phylogenetics and Evolution</i> , 2005, 36, 429-443.	2.7	54
4	How do temperate bryophytes face the challenge of a changing environment? Lessons from the past and predictions for the future. <i>Global Change Biology</i> , 2012, 18, 2915-2924.	9.5	51
5	Chloroplast DNA-relationship in palaeoaustral <i>Lopidium concinnum</i> (Hypopterygiaceae, Musci). An example of steno-evolution in mosses <i>Studies in austral temperate rain forest bryophytes 2. Plant Systematics and Evolution</i> , 1999, 218, 67-75.	0.9	50
6	Phylogeny of haplolepidous mosses – challenges and perspectives. <i>Journal of Bryology</i> , 2012, 34, 173-186.	1.2	48
7	Three species for the price of one within the moss <i>Homalothecium sericeum</i> s.l.. <i>Taxon</i> , 2014, 63, 249-257.	0.7	47
8	A morpho-molecular classification of the mosses (Bryophyta). <i>Nova Hedwigia</i> , 2008, 86, 1-21.	0.4	44
9	Phylogeny and species delimitations in European <i>Dicranum</i> (Dicranaceae, Bryophyta) inferred from nuclear and plastid DNA. <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 217-225.	2.7	42
10	Molecular Species Delimitation in the <i>Racomitrium canescens</i> Complex (Grimmiaceae) and Implications for DNA Barcoding of Species Complexes in Mosses. <i>PLoS ONE</i> , 2013, 8, e53134.	2.5	39
11	Phylogeny, taxon circumscriptions, and character evolution in the core Ptychanthoideae (Lejeuneaceae, Marchantiophyta). <i>Taxon</i> , 2011, 60, 1607-1622.	0.7	32
12	Molecular Data Suggest Long-Term in Situ Antarctic Persistence Within Antarctica's Most Speciose Plant Genus, <i>Schistidium</i> . <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	32
13	Phylogenetic inference in <i>Leucodon</i> Schw. subg. <i>Leucodon</i> (Leucodontaceae, Tj ETQq1 1 0.784314,rgBT /Overlock 0,7 31	0.7	31
14	Molecular relationships, biogeography, and evolution of Gondwanan <i>Campylopus</i> species (Dicranaceae, Bryopsida). <i>Taxon</i> , 2005, 54, 377-382.	0.7	27
15	How many species of <i>Isoetecium</i> (Lembophyllaceae, Bryophyta) are there in Macaronesia? A survey using integrative taxonomy. <i>Botanical Journal of the Linnean Society</i> , 2015, 177, 418-438.	1.6	25
16	A molecular phylogeny of the Sematophyllaceae s.l. (Hypnales) based on plastid, mitochondrial and nuclear markers, and its taxonomic implications. <i>Taxon</i> , 2017, 66, 811-831.	0.7	25
17	Vegetative reproduction and clonal diversity in <i>Rhytidium rugosum</i> (Rhytidiaceae, Bryopsida) inferred by morpho-anatomical and molecular analyses. <i>Journal of Plant Research</i> , 2006, 119, 125-135.	2.4	23
18	Pylaisiaceae Schimp. (Bryophyta) revisited. <i>Journal of Bryology</i> , 2018, 40, 251-264.	1.2	22

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19	DNA barcoding of Arctic bryophytes: an example from the moss genus <i>Dicranum</i> (Dicranaceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 21	1.2	21
20	A quantitative assessment of the vegetation types on the island of St. Eustatius, Dutch Caribbean. <i>Global Ecology and Conservation</i> , 2016, 7, 59-69.	2.1	21
21	Future directions and priorities for Arctic bryophyte research. <i>Arctic Science</i> , 2017, 3, 475-497.	2.3	20
22	New suprageneric taxa of liverworts (Marchantiophyta) and mosses (Bryophyta). <i>Nova Hedwigia</i> , 2008, 87, 261-267.	0.4	18
23	Ecological niche comparison and molecular phylogeny segregate the invasive moss species <i>Campylopus introflexus</i> (Leucobryaceae, Bryophyta) from its closest relatives. <i>Ecology and Evolution</i> , 2017, 7, 8017-8031.	1.9	14
24	Unity in diversity: phylogenetics and taxonomy of Rhabdoweisiaceae (Dicranales, Bryophyta). <i>Botanical Journal of the Linnean Society</i> , 2021, 195, 545-567.	1.6	14
25	Integrative taxonomy reveals too extensive lumping and a new species in the moss genus <i>Amphidium</i> (Bryophyta). <i>Systematics and Biodiversity</i> , 2017, 15, 451-463.	1.2	13
26	Testing hypotheses on suprageneric relationships and morphological evolution in the Leucobryaceae (Bryophyta). <i>Plant Systematics and Evolution</i> , 2017, 303, 1383-1397.	0.9	12
27	New insights into the species diversity of <i>Bartramia</i> Hedw. (Bryophyta) in Antarctica. <i>Antarctic Science</i> , 2019, 31, 208-215.	0.9	12
28	Unveiling the nature of a miniature world: a horizon scan of fundamental questions in bryology. <i>Journal of Bryology</i> , 2022, 44, 1-34.	1.2	12
29	Tackling relationships and species circumscriptions of <i>Octoblepharum</i> , an enigmatic genus of haplolepidous mosses (Dicranidae, Bryophyta). <i>Systematics and Biodiversity</i> , 2017, 15, 16-24.	1.2	11
30	Vegetation associations and relative abundance of rodents on St. Eustatius, Caribbean Netherlands. <i>Global Ecology and Conservation</i> , 2019, 20, e00743.	2.1	11
31	A molecular systematic contribution to the position of <i>Amphidium</i> Schimp. (Rhabdoweisiaceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 11	0.4	11
32	Identity and Origin of the <i>Campylopus</i> (Leucobryaceae, Bryopsida) Species from Trindade Island (Brazil). <i>Cryptogamie, Bryologie</i> , 2016, 37, 241-250.	0.2	9
33	<i>Riccia boumanii</i> Dirkse, Losada & M.Stech sp. nov. (Ricciaceae, Marchantiophyta) in the Canary Islands, the first species of <i>Riccia</i> subgenus <i>Riccia</i> section <i>Pilifer</i> Volk outside South Africa. <i>Journal of Bryology</i> , 2016, 38, 94-102.	1.2	8
34	Bryophytes and lichens in 16th-century herbaria. <i>Journal of Bryology</i> , 2018, 40, 99-106.	1.2	8
35	Species delimitations in the <i>Dicranum acutifolium</i> complex (Dicranaceae, Bryophyta) using molecular markers. <i>Journal of Bryology</i> , 2014, 36, 279-290.	1.2	7
36	A morpho-molecular revision of <i>Leucoloma</i> (Dicranaceae, Bryophyta) in Brazil. <i>Nova Hedwigia</i> , 2015, 100, 319-332.	0.4	7

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37	Phylogenetic inferences reveal deep polyphyly of Aongstroemiaceae and Dicranellaceae within the haplolepidous mosses (Dicranidae, Bryophyta). <i>Taxon</i> , 2021, 70, 246-262.	0.7	7
38	<i>Dichodontium palustre</i> (Dicks.) Stech comb. nov., a new name for <i>Dicranella palustris</i> (Dicks.) Crundw. ex Warb. (Dicranaceae, Bryopsida). <i>Nova Hedwigia</i> , 1999, 69, 237-240.	0.4	7
39	<i>Campylopus</i> Brid. (Leucobryaceae) in Macaronesia revisited. <i>Bryophyte Diversity and Evolution</i> , 2015, 31, 154.	1.1	7
40	Integrated analysis of intraspecific diversity in the bipolar moss <i>Roaldia revoluta</i> (Mitt.) P.E.A.S. Cmara & M. Carvalho-Silva (Bryophyta) in Antarctica. <i>Polar Biology</i> , 2019, 42, 485-496.	1.2	6
41	An updated checklist of the lichens of St. Eustatius, Netherlands Antilles. <i>MycoKeys</i> , 2018, 33, 69-84.	1.9	6
42	Does altitude shape molecular diversity and richness of bryophytes in Madeira’s natural forest? A case study with four bryophyte species at two altitudinal levels. <i>Plant Ecology and Evolution</i> , 2015, 148, 171-180.	0.7	4
43	Antarctic bryophyte research’s current state and future directions. <i>Bryophyte Diversity and Evolution</i> , 2021, 43, .	1.1	4
44	Molecular tools to identify tropical mosses: a case study of the Brazilian species of <i>Schlotheimia</i> Brid. (Bryophyta, Orthotrichaceae). <i>Systematics and Biodiversity</i> , 2019, 17, 609-621.	1.2	3
45	The Two Faces of Mt Gede, Java – Species Richness, Composition and Zonation of Epiphytic Bryophytes. <i>Cryptogamie, Bryologie</i> , 2020, 41, 69.	0.2	3
46	<i>Cyathea</i> Sm. (Cyatheaceae) on Trindade Island (Brazil): An integrative approach. <i>Phytotaxa</i> , 2021, 487, 26-40.	0.3	2
47	Advances and challenges in bryophyte biology after 50 years of International Association of Bryologists. <i>Bryophyte Diversity and Evolution</i> , 2021, 43, .	1.1	1
48	First record of the family Gigaspermaceae (Bryophyta) in Brazil. <i>Hoehnea (revista)</i> , 0, 47, .	0.2	1
49	50 th anniversary of IAB (Table of Contents). <i>Bryophyte Diversity and Evolution</i> , 2021, 43, .	1.1	0
50	50 th anniversary of IAB (Cover). <i>Bryophyte Diversity and Evolution</i> , 2021, 43, .	1.1	0