A Jonathan Shaw

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5910537/publications.pdf

Version: 2024-02-01

153 papers	7,687 citations	57631 44 h-index	71532 76 g-index
155 all docs	155 docs citations	155 times ranked	4979 citing authors

#	Article	IF	Citations
1	Novel metabolic interactions and environmental conditions mediate the boreal peatmoss-cyanobacteria mutualism. ISME Journal, 2022, 16, 1074-1085.	4.4	25
2	Defining the Sphagnum Core Microbiome across the North American Continent Reveals a Central Role for Diazotrophic Methanotrophs in the Nitrogen and Carbon Cycles of Boreal Peatland Ecosystems. MBio, 2022, 13, .	1.8	18
3	Habitatâ€adapted microbial communities mediate Sphagnum peatmoss resilience to warming. New Phytologist, 2022, 234, 2111-2125.	3.5	18
4	Morphological-molecular incongruence in Sphagnum majus ssp. majus and ssp. norvegicum. Bryologist, 2022, 125, .	0.1	2
5	Sphagnum magniporosum (Sphagnaceae, subgenus Subsecunda) a new peatmoss species from Venezuela. Lindbergia, 2022, 2022, .	0.7	0
6	Extensive Genome-Wide Phylogenetic Discordance Is Due to Incomplete Lineage Sorting and Not Ongoing Introgression in a Rapidly Radiated Bryophyte Genus. Molecular Biology and Evolution, 2021, 38, 2750-2766.	3.5	54
7	Natural selection on a carbon cycling trait drives ecosystem engineering by Sphagnum (peat) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	6
8	Organellomic data sets confirm a cryptic consensus on (unrooted) landâ€plant relationships and provide new insights into bryophyte molecular evolution. American Journal of Botany, 2020, 107, 91-115.	0.8	38
9	Phylogenetic structure in the Sphagnum recurvum complex (Bryophyta) in relation to taxonomy and geography. American Journal of Botany, 2020, 107, 1283-1295.	0.8	12
10	Phylogenomics reveals convergent evolution of red-violet coloration in land plants and the origins of the anthocyanin biosynthetic pathway. Molecular Phylogenetics and Evolution, 2020, 151, 106904.	1.2	35
11	Phylogenomic delineation of Physcomitrium (Bryophyta: Funariaceae) based on targeted sequencing of nuclear exons and their flanking regions rejects the retention of Physcomitrella, Physcomitridium and Aphanorrhegma. Journal of Systematics and Evolution, 2019, 57, 404-417.	1.6	74
12	Functional trait evolution in Sphagnum peat mosses and its relationship to niche construction. New Phytologist, 2019, 223, 939-949.	3.5	16
13	Resolution of the ordinal phylogeny of mosses using targeted exons from organellar and nuclear genomes. Nature Communications, 2019, 10, 1485.	5.8	144
14	Exploring the natural microbiome of the model liverwort: fungal endophyte diversity in Marchantia polymorpha L. Symbiosis, 2019, 78, 45-59.	1.2	26
15	Range change evolution of peat mosses (Sphagnum) within and between climate zones. Global Change Biology, 2019, 25, 108-120.	4.2	18
16	Sphagnum Ã—lydiae, the first allotriploid peatmoss in the northern hemisphere. Bryologist, 2019, 122, 38.	0.1	8
17	Sphagnum incundum a new species in Sphagnum subg. Acutifolia (Sphagnaceae) from boreal and arctic regions of North America. Phytotaxa, 2018, 333, 1.	0.1	8
18	The Sphagnome Project: enabling ecological and evolutionary insights through a genusâ€level sequencing project. New Phytologist, 2018, 217, 16-25.	3.5	54

#	Article	IF	Citations
19	Evolutionary origin of the latitudinal diversity gradient in liverworts. Molecular Phylogenetics and Evolution, 2018, 127, 606-612.	1.2	7
20	Divergent evolution and niche differentiation within the common peatmoss Sphagnum magellanicum. American Journal of Botany, 2017, 104, 1060-1072.	0.8	28
21	Species delimitation and biogeography of a southern hemisphere liverwort clade, Frullania subgenus Microfrullania (Frullaniaceae, Marchantiophyta). Molecular Phylogenetics and Evolution, 2017, 107, 16-26.	1.2	27
22	Range size heritability and diversification patterns in the liverwort genus Radula. Molecular Phylogenetics and Evolution, 2017, 106, 73-85.	1.2	18
23	Spatial Genetic Structure of the Abundant and Widespread Peatmoss Sphagnum magellanicum Brid.. PLoS ONE, 2016, 11, e0148447.	1.1	34
24	The Sphagnum microbiome: new insights from an ancient plant lineage. New Phytologist, 2016, 211, 57-64.	3.5	123
25	Longâ€distance dispersal and barriers shape genetic structure of peatmosses (Sphagnum) across the Northern Hemisphere. Journal of Biogeography, 2016, 43, 1215-1226.	1.4	42
26	Increased diversification rates follow shifts to bisexuality in liverworts. New Phytologist, 2016, 210, 1121-1129.	3.5	34
27	Endemism in the moss flora of North America. American Journal of Botany, 2016, 103, 769-779.	0.8	14
28	HybPiper: Extracting coding sequence and introns for phylogenetics from highâ€throughput sequencing reads using target enrichment. Applications in Plant Sciences, 2016, 4, 1600016.	0.8	506
29	Geographical range in liverworts: does sex really matter?. Journal of Biogeography, 2016, 43, 627-635.	1.4	52
30	Organellar phylogenomics of an emerging model system:Sphagnum(peatmoss). Annals of Botany, 2016, 118, 185-196.	1.4	51
31	Analyses of transcriptome sequences reveal multiple ancient largeâ€scale duplication events in the ancestor of Sphagnopsida (Bryophyta). New Phytologist, 2016, 211, 300-318.	3.5	56
32	A phylotranscriptomic analysis of gene family expansion and evolution in the largest order of pleurocarpous mosses (Hypnales, Bryophyta). Molecular Phylogenetics and Evolution, 2016, 98, 29-40.	1.2	29
33	The dark morph ofSphagnum fuscum(Schimp.) H.Klinggr. in Europe is conspecific with the North AmericanS. beothuk. Journal of Bryology, 2015, 37, 251-266.	0.4	17
34	Phylogenetic structure and biogeography of the Pacific Rim clade ofSphagnumsubgen.Subsecunda: haploid and allodiploid taxa. Biological Journal of the Linnean Society, 2015, 116, 295-311.	0.7	19
35	Phylogeny and Classification of Lejeuneaceae Subtribe Cheilolejeuneinae (Marchantiophyta) Based on Nuclear and Plastid Molecular Markers. Cryptogamie, Bryologie, 2015, 36, 313-333.	0.1	34
36	Evolution of niche preference inSphagnumpeat mosses. Evolution; International Journal of Organic Evolution, 2015, 69, 90-103.	1.1	51

#	Article	IF	Citations
37	Pleistocene survival, regional genetic structure and interspecific gene flow among three northern peatâ€mosses: Sphagnum inexspectatum, S.Âorientale and S.Âmiyabeanum. Journal of Biogeography, 2015, 42, 364-376.	1.4	23
38	Genetic diversity, sexual condition, and microhabitat preference determine mating patterns inSphagnum(Sphagnaceae) peat-mosses. Biological Journal of the Linnean Society, 2015, 115, 96-113.	0.7	25
39	<scp>S</scp>phagnum physiology in the context of changing climate: emergent influences of genomics, modelling and hostâ€“microbiome interactions on understanding ecosystem function. Plant, Cell and Environment, 2015, 38, 1737-1751.	2.8	60
40	Intercontinental genetic structure in the amphi-Pacific peatmossSphagnum miyabeanum(Bryophyta: Sphagnaceae). Biological Journal of the Linnean Society, 2014, 111, 17-37.	0.7	39
41	Population structure in the tropical peatmoss, Sphagnum tumidulum Besch. (Sphagnaceae). Bryologist, 2014, 117, 329.	0.1	3
42	Phylotranscriptomic analysis of the origin and early diversification of land plants. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4859-68.	3.3	1,123
43	Invisible in plain sight: recurrent double allopolyploidy in the African Sphagnum Ã—planifolium (Sphagnaceae). Bryologist, 2014, 117, 187.	0.1	17
44	High morphological diversity in remote island populations of the peat moss Sphagnum palustre: glacial refugium, adaptive radiation or just plasticity?. Bryologist, 2014, 117, 95.	0.1	16
45	Origins, genetic structure, and systematics of the narrow endemic peatmosses (Sphagnum):S. guwassanenseandS. triseriporum(Sphagnaceae). American Journal of Botany, 2013, 100, 1202-1220.	0.8	14
46	A Molecular Phylogeny of the Moss Genus <I>Taxithelium</I> (Pylaisiadelphaceae) Based on Plastid, Mitochondrial and Nuclear Markers. Systematic Botany, 2013, 38, 861-868.	0.2	9
47	Systematics of the <I>Sphagnum fimbriatum</I> Complex: Phylogenetic Relationships, Morphological Variation, and Allopolyploidy. Systematic Botany, 2012, 37, 15-30.	0.2	16
48	Molecular evolution and diversification of the moss family Daltoniaceae (Hookeriales, Bryophyta) with emphasis on the unravelling of the phylogeny of Distichophyllum and its allies. Botanical Journal of the Linnean Society, 2012, 170, 157-175.	0.8	11
49	A phylogenetic monograph of the Sphagnum subsecundum complex (Sphagnaceae) in eastern North America. Bryologist, 2012, 115, 128-152.	0.1	10
50	Climacium (Climaciaceae): species relationships and biogeographic implications. Bryologist, 2012, 115, 23.	0.1	2
51	A phylogeny of the northern temperate leafy liverwort genus Scapania (Scapaniaceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.2	36
52	Longâ€distance dispersal and genetic structure of natural populations: an assessment of the inverse isolation hypothesis in peat mosses. Molecular Ecology, 2012, 21, 5461-5472.	2.0	49
53	High genetic diversity in a remote island population system: sans sex. New Phytologist, 2012, 193, 1088-1097.	3.5	34
54	Genetic analysis of the peatmoss Sphagnum cribrosum (Sphagnaceae) indicates independent origins of an extreme infra-specific morphology shift. Biological Journal of the Linnean Society, 2012, 106, 137-153.	0.7	14

#	Article	IF	Citations
55	The status and phylogeography of the liverwort genus Apometzgeria Kuwah. (Metzgeriaceae). Bryologist, 2011, 114, 92-101.	0.1	14
56	Bryophyte diversity and evolution: Windows into the early evolution of land plants. American Journal of Botany, 2011, 98, 352-369.	0.8	169
57	(1999) Proposal to conserve the name Cheilolejeunea against Omphalanthus (Lejeuneaceae). Taxon, 2011, 60, 588-589.	0.4	9
58	Macaronesia: a source of hidden genetic diversity for post-glacial recolonization of western Europe in the leafy liverwort Radula lindenbergiana. Journal of Biogeography, 2011, 38, 631-639.	1.4	51
59	Evolution of sexual systems, dispersal strategies and habitat selection in the liverwort genus Radula. New Phytologist, 2011, 192, 225-236.	3.5	43
60	NORTH AMERICAN ORIGIN AND RECENT EUROPEAN ESTABLISHMENTS OF THE AMPHI-ATLANTIC PEAT MOSS SPHAGNUM ANGERMANICUM. Evolution; International Journal of Organic Evolution, 2011, 65, 1181-1194.	1.1	58
61	Formalizing morphologically cryptic biological entities: New insights from DNA taxonomy, hybridization, and biogeography in the leafy liverwort Porella platyphylla (Jungermanniopsida,) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	62
62	One species or at least eight? Delimitation and distribution of Frullania tamarisci (L.) Dumort. s. l. (Jungermanniopsida, Porellales) inferred from nuclear and chloroplast DNA markers. Molecular Phylogenetics and Evolution, 2010, 56, 1105-1114.	1.2	99
63	Phylogeny of the leafy liverwort Ptilidium: Cryptic speciation and shared haplotypes between the Northern and Southern Hemispheres. Molecular Phylogenetics and Evolution, 2010, 57, 1260-1267.	1.2	55
64	A phylogeny of Adelanthaceae (Jungermanniales, Marchantiophyta) based on nuclear and chloroplast DNA markers, with comments on classification, cryptic speciation and biogeography. Molecular Phylogenetics and Evolution, 2010, 55, 293-304.	1.2	58
65	Peatmoss (Sphagnum) diversification associated with Miocene Northern Hemisphere climatic cooling?. Molecular Phylogenetics and Evolution, 2010, 55, 1139-1145.	1.2	76
66	Intercontinentally disjunct species are derived rather than relictual in the moss genus Daltonia (Bryophyta). Taxon, 2010, 59, 459-465.	0.4	9
67	Morphologically cryptic biological species within the liverwortFrullania asagrayana. American Journal of Botany, 2010, 97, 1707-1718.	0.8	57
68	Newly resolved relationships in an early land plant lineage: Bryophyta class Sphagnopsida (peat) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.8	54
69	Allopolyploidy in Sphagnum mendocinum and S. papillosum (Sphagnaceae). Bryologist, 2010, 113, 114-119.	0.1	15
70	A Genetic Analysis of Two Recently Described Peat Moss Species, Sphagnum atlanticum and S. bergianum (Sphagnaceae). Systematic Botany, 2009, 34, 6-12.	0.2	15
71	Molecular insights into the phylogeny and subgeneric classification of Frullania Raddi (Frullaniaceae, Porellales). Molecular Phylogenetics and Evolution, 2009, 52, 142-156.	1.2	72
72	Spatial pattern of nucleotide polymorphism indicates molecular adaptation in the bryophyte Sphagnum fimbriatum. Molecular Phylogenetics and Evolution, 2009, 53, 277-286.	1.2	15

#	Article	IF	Citations
73	The barriers to oceanic island radiation in bryophytes: insights from the phylogeography of the moss Grimmia montana. Journal of Biogeography, 2008, 35, 654-663.	1.4	73
74	Genetic variation in three Chinese peat mosses (Sphagnum) based on microsatellite markers, with primer information and analysis of ascertainment bias. Bryologist, 2008, 111, 271-281.	0.1	63
75	A phylogenetic delimitation of the â€œSphagnum subsecundum complexâ€•(Sphagnaceae, Bryophyta). American Journal of Botany, 2008, 95, 731-744.	0.8	47
76	Cytotype variation and allopolyploidy in North American species of theSphagnum subsecundumcomplex (Sphagnaceae). American Journal of Botany, 2008, 95, 1606-1620.	0.8	42
77	The Genetic Basis of Developmental Abnormalities in Interpopulation Hybrids of the Moss Ceratodon purpureus. Genetics, 2008, 179, 1425-1435.	1.2	40
78	A Linkage Map Reveals a Complex Basis for Segregation Distortion in an Interpopulation Cross in the Moss Ceratodon purpureus. Genetics, 2007, 176, 2489-2500.	1.2	137
79	Experimental habitat fragmentation increases linkage disequilibrium but does not affect genetic diversity or population structure in the Amazonian liverwort Radula flaccida. Molecular Ecology, 2006, 15, 2305-2315.	2.0	31
80	Distribution and Phylogenetic Significance of the 71-kb Inversion in the Plastid Genome in Funariidae (Bryophyta). Annals of Botany, 2006, 99, 747-753.	1.4	39
81	Phylogeny, Species Delimitation, and Recombination in Sphagnum Section Acutifolia. Systematic Botany, 2005, 30, 16-33.	0.2	51
82	Selective sweeps and intercontinental migration in the cosmopolitan moss Ceratodon purpureus (Hedw.) Brid.. Molecular Ecology, 2005, 14, 1121-1132.	2.0	93
83	Phenotypic plasticity inPhilonotis fontana(Bryopsida: Bartramiaceae). Journal of Bryology, 2005, 27, 13-22.	0.4	30
84	Variation in â€œbiodiversity valueâ€•of peatmoss species inSphagnumsectionAcutifolia(Sphagnaceae). American Journal of Botany, 2005, 92, 1774-1783.	0.8	12
85	Divergent and Reticulate Evolution in Closely Related Species of Sphagnum Section Subsecunda. Bryologist, 2005, 108, 363-376.	0.1	20
86	Global patterns of moss diversity: taxonomic and molecular inferences. Taxon, 2005, 54, 337-352.	0.4	80
87	Phylogenetic significance of the rpoA loss in the chloroplast genome of mosses. Taxon, 2005, 54, 353-360.	0.4	38
88	Phylogenetic Relationships among the Mosses Based on Heterogeneous Bayesian Analysis of Multiple Genes from Multiple Genomic Compartments. Systematic Botany, 2004, 29, 234-250.	0.2	107
89	Phylogenetic Relationships Among Sphagnum Sections: Hemitheca, Isocladus, and Subsecunda. Bryologist, 2004, 107, 189-196.	0.1	19
90	Phylogeny and diversification of bryophytes. American Journal of Botany, 2004, 91, 1557-1581.	0.8	155

#	Article	IF	Citations
91	Ordinal relationships of pleurocarpous mosses, with special emphasis on the Hookeriales. Systematics and Biodiversity, 2004, 2, 121-145.	0.5	43
92	Global patterns in peatmoss biodiversity. Molecular Ecology, 2003, 12, 2553-2570.	2.0	40
93	PHYLOGEOGRAPHIC STRUCTURE AND CRYPTIC SPECIATION IN THE TRANS-ANTARCTIC MOSS PYRRHOBRYUM MNIOIDES. Evolution; International Journal of Organic Evolution, 2003, 57, 205-215.	1.1	130
94	Intercontinental Mediterranean disjunct mosses: morphological and molecular patterns. American Journal of Botany, 2003, 90, 540-550.	0.8	83
95	Polarity of peatmoss (Sphagnum) evolution: who says bryophytes have no roots?. American Journal of Botany, 2003, 90, 1777-1787.	0.8	112
96	Circumscription, classification, and (Bryopsida) inferred from nuclear and chloroplast DNA sequence data and morphology taxonomy of Amblystegiaceae. Taxon, 2002, 51, 115-122.	0.4	57
97	Phylogeny and Morphological Evolution of the Amblystegiaceae (Bryopsida). Molecular Phylogenetics and Evolution, 2002, 23, 1-21.	1.2	89
98	A new species of Leskeodon (Daltoniaceae) from Ecuador. Brittonia, 2002, 54, 178-180.	0.8	2
99	The Bryophyta (Mosses): Systematic and Evolutionary Inferences from an rps4 Gene (cpDNA) Phylogeny. Annals of Botany, 2001, 87, 191-208.	1.4	84
100	Biogeographic patterns and cryptic speciation in bryophytes. Journal of Biogeography, 2001, 28, 253-261.	1.4	196
101	Antagonistic pleiotropy and the evolution of alternate generations. New Phytologist, 2001, 152, 365-368.	3.5	0
102	Morphology and classification of the Marchantiophyta. , 2000, , 21-70.		59
103	Origin and phylogenetic relationships of bryophytes. , 2000, , 124-149.		29
104	Morphology and classification of mosses. , 2000, , 71-123.		119
105	Anatomy, development, and classification of hornworts. , 2000, , 1-20.		18
106	Peatlands: ecosystems dominated by bryophytes. , 2000, , 312-343.		71
107	Population ecology, population genetics, and microevolution. , 2000, , 369-402.		41
108	Ordinal Phylogeny within the Hypnobryalean Pleurocarpous Mosses Inferred from Cladistic Analyses of Three Chloroplast DNA Sequence Data Sets:trnL-F,rps4, andrbcL. Bryologist, 2000, 103, 242-256.	0.1	39

#	Article	IF	Citations
109	Novel Relationships in Pleurocarpous Mosses as Revealed by cpDNA Sequences. Bryologist, 2000, 103, 774-789.	0.1	31
110	Phylogenetic Relationships Among the Diplolepideous-alternate Mosses (Bryidae) Inferred from Nuclear and Chloroplast DNA Sequences. Bryologist, 2000, 103, 224-241.	0.1	87
111	Paedomorphic Sporophyte Development inBruchia flexuosa(Bruchiaceae). Bryologist, 2000, 103, 147-155.	0.1	9
112	Phylogeny of the Sphagnopsida Based on Chloroplast and Nuclear DNA Sequences. Bryologist, 2000, 103, 277-306.	0.1	88
113	Molecular Evidence of Reticulate Evolution in the Peatmosses (Sphagnum), IncludingS. ehyalinum sp. nov.. Bryologist, 2000, 103, 357-374.	0.1	42
114	Life history variation in gametophyte populations of the moss Ceratodon purpureus (Ditrichaceae). American Journal of Botany, 1999, 86, 512-521.	0.8	70
115	Peristome Development in Mosses in Relation to Systematics and Evolution. V. Diplolepideae: Orthotrichaceae. Bryologist, 1999, 102, 581.	0.1	20
116	Nuclear Ribosomal DNA Variation in Leucobryum glaucum and L. albidum (Leucobryaceae): A Preliminary Investigation. Bryologist, 1998, 101, 272.	0.1	20
117	THE OCCURRENCE AND SIGNIFICANCE OF EPISTATIC VARIANCE FOR QUANTITATIVE CHARACTERS AND ITS MEASUREMENT IN HAPLOIDS. Evolution; International Journal of Organic Evolution, 1997, 51, 348-353.	1.1	17
118	Genetic biogeography of the rate ?copper moss?,Scopelophila cataractae (Pottiaceae). Plant Systematics and Evolution, 1995, 197, 43-58.	0.3	30
119	Genetic biogeography of the rare â€œcopper moss,â€•Mielichhoferia elongata (Bryaceae). American Journal of Botany, 1995, 82, 8-17.	0.8	33
120	Genetic biogeography of the rare â€œcopper moss,â€•Mielichhoferia elongata (Bryaceae). , 1995, 82, 8.		17
121	Systematics of M ielichhoferia (Bryaceae: Musci). III. Hybridization between M. elongata and M. mielichhoferiana. American Journal of Botany, 1994, 81, 782-790.	0.8	24
122	Adaptation to metalâ€contaminated soils in populations of the moss, C eratodon purpureus : vegetative growth and reproductive expression. American Journal of Botany, 1994, 81, 791-797.	0.8	52
123	Brachymenium deceptivum sp. nov. (Bryaceae) from Ethiopia. Brittonia, 1994, 46, 95.	0.8	0
124	Systematics of Mielichhoferia (Bryaceae: Musci). III. Hybridization between M. elongata and M. mielichhoferiana. , 1994, 81, 782.		7
125	Adaptation to metal-contaminated soils in populations of the moss, Ceratodon purpureus: vegetative growth and reproductive expression. , 1994, 81, 791.		30
126	Population biology of the rare copper moss, Scopelophila cataractae. American Journal of Botany, 1993, 80, 1034-1041.	0.8	27

#	Article	IF	Citations
127	CONTROL OF SEX RATIOS IN HAPLOID POPULATIONS OF THE MOSS, CERATODON PURPUREUS. American Journal of Botany, 1993, 80, 584-591.	0.8	51
128	CONTROL OF SEX RATIOS IN HAPLOID POPULATIONS OF THE MOSS, CERATODON PURPUREUS. , 1993, 80, 584.		32
129	Population biology of the rare copper moss, Scopelophila cataractae. , 1993, 80, 1034.		19
130	ECOLOGICAL GENETICS OF SERPENTINE TOLERANCE IN THE MOSS, FUNARIA FLAVICANS: VARIATION WITHIN AND AMONG HAPLOID SIB FAMILIES. American Journal of Botany, 1991, 78, 1487-1493.	0.8	13
131	THE GENETIC STRUCTURE OF SPOROPHYTIC AND GAMETOPHYTIC POPULATIONS OF THE MOSS, FUNARIA HYGROMETRICA HEDW. Evolution; International Journal of Organic Evolution, 1991, 45, 1260-1274.	1.1	25
132	ECOLOGICAL GENETICS OF SERPENTINE TOLERANCE IN THE MOSS, FUNARIA FLAVICANS: VARIATION WITHIN AND AMONG HAPLOID SIB FAMILIES. , 1991, 78, 1487.		7
133	INTRACLONAL VARIATION IN MORPHOLOGY, GROWTH RATE, AND COPPER TOLERANCE IN THE MOSS, FUNARIA HYGROMETRICA. Evolution; International Journal of Organic Evolution, 1990, 44, 441-447.	1.1	15
134	Clonal structure in the moss, Climacium americanum Brid.. Heredity, 1990, 64, 233-238.	1.2	11
135	Epipterygium(Musci: Bryaceae) new to Australasia, with the description ofE. opararense, sp. novo. New Zealand Journal of Botany, 1990, 28, 375-379.	0.8	5
136	Potential for the Evolution of Heavy Metal Tolerance in Bryum argenteum, a Moss. I. Variation within and among Populations. Bryologist, 1989, 92, 73.	0.1	39
137	Peristome Development in Mosses in Relation to Systematics and Evolution. III. Funaria hygrometrica, Bryum pseudocapillare, and B. bicolor. Systematic Botany, 1989, 14, 24.	0.2	27
138	Peristome Development in Mosses in Relation to Systematics and Evolution. IV. Haplolepideae: Ditrichaceae and Dicranaceae. Bryologist, 1989, 92, 314.	0.1	30
139	Genetic variation for tolerance to copper and zinc within and among populations of the moss, Funaria hygrometrica Hedw.. New Phytologist, 1988, 109, 211-222.	3.5	44
140	PERISTOME DEVELOPMENT IN MOSSES IN RELATION TO SYSTEMATICS AND EVOLUTION. II. TETRAPHIS PELLUCIDA (TETRAPHIDACEAE). American Journal of Botany, 1988, 75, 1019-1032.	0.8	30
141	INTERâ€•AND INTRASPECIFIC VARIATION OF MOSSES IN TOLERANCE TO COPPER AND ZINC. Evolution; International Journal of Organic Evolution, 1987, 41, 1312-1325.	1.1	42
142	EVOLUTION OF HEAVY METAL TOLERANCE IN BRYOPHYTES II. AN ECOLOGICAL AND EXPERIMENTAL INVESTIGATION OF THE â€œCOPPER MOSS,â€•SCOPELOPHILA CATARACTAE (POTTIACEAE). American Journal of Botany, 1987, 74, 813-821.	0.8	40
143	EFFECT OF ENVIRONMENTAL PRETREATMENT ON TOLERANCE TO COPPER AND ZINC IN THE MOSS FUNARIA HYGROMETRICA. American Journal of Botany, 1987, 74, 1466-1475.	0.8	19
144	Electrophoretic evidence of reproductive isolation between two varieties of the moss, Climacium americanum. Heredity, 1987, 59, 337-343.	1.2	31

#	Article	IF	Citations
145	EVOLUTION OF HEAVY METAL TOLERANCE IN BRYOPHYTES II. AN ECOLOGICAL AND EXPERIMENTAL INVESTIGATION OF THE â€œCOPPER MOSS,â€•SCOPELOPHILA CATARACTAE (POTTIACEAE). , 1987, 74, 813.		19
146	EFFECT OF ENVIRONMENTAL PRETREATMENT ON TOLERANCE TO COPPER AND ZINC IN THE MOSS FUNARIA HYGROMETRICA. , 1987, 74, 1466.		11
147	A NEW APPROACH TO THE EXPERIMENTAL PROPAGATION OF BRYOPHYTES. Taxon, 1986, 35, 671-675.	0.4	25
148	Phylogenomics and early land plant evolution. , 0, , 173-198.		5
149	Bryophyte species and speciation. , 0, , 445-486.		16
150	Conservation biology of bryophytes. , 0, , 487-534.		5
151	Phylogeographic analyses reveal distinct lineages of the liverworts Metzgeria furcata (L.) Dumort. and Metzgeria conjugata Lindb. (Metzgeriaceae) in Europe and North America. Biological Journal of the Linnean Society, 0, 98, 745-756.	0.7	55
152	Allopolyploidy and homoploid hybridization in the Sphagnum subsecundum complex (Sphagnaceae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	44
153	Heterogeneous genetic structure in eastern North American peat mosses (Sphagnum). Biological Journal of the Linnean Society, 0, , .	0.7	3