

Alain Vanderpoorten

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,964
citations

185998

28
h-index

264894

42
g-index

64
all docs

64
docs citations

64
times ranked

2214
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolution of the ordinal phylogeny of mosses using targeted exons from organellar and nuclear genomes. <i>Nature Communications</i> , 2019, 10, 1485.	5.8	144
2	Bryophyte Biogeography. <i>Critical Reviews in Plant Sciences</i> , 2018, 37, 175-209.	2.7	92
3	Oceanic islands are not sinks of biodiversity in spore-producing plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18989-18994.	3.3	74
4	The mossy north: an inverse latitudinal diversity gradient in European bryophytes. <i>Scientific Reports</i> , 2016, 6, 25546.	1.6	74
5	The barriers to oceanic island radiation in bryophytes: insights from the phylogeography of the moss <i>Grimmia montana</i> . <i>Journal of Biogeography</i> , 2008, 35, 654-663.	1.4	73
6	Out of Africa: north-westwards Pleistocene expansions of the heather <i>Erica arborea</i> . <i>Journal of Biogeography</i> , 2011, 38, 164-176.	1.4	68
7	Approximate Bayesian Computation Reveals the Crucial Role of Oceanic Islands for the Assembly of Continental Biodiversity. <i>Systematic Biology</i> , 2015, 64, 579-589.	2.7	63
8	Disentangling knots of rapid evolution: origin and diversification of the moss order Hypnales. <i>Journal of Bryology</i> , 2012, 34, 187-211.	0.4	60
9	The anagenetic world of spore-producing land plants. <i>New Phytologist</i> , 2014, 201, 305-311.	3.5	59
10	Budding speciation and neotropical origin of the Azorean endemic liverwort, <i>Leptoscyphus azoricus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 73-83.	1.2	57
11	Baker's law and the island syndromes in bryophytes. <i>Journal of Ecology</i> , 2013, 101, 1245-1255.	1.9	57
12	The ghosts of Gondwana and Laurasia in modern liverwort distributions. <i>Biological Reviews</i> , 2010, 85, 471-487.	4.7	56
13	Geographical range in liverworts: does sex really matter?. <i>Journal of Biogeography</i> , 2016, 43, 627-635.	1.4	52
14	Macaronesia: a source of hidden genetic diversity for post-glacial recolonization of western Europe in the leafy liverwort <i>Radula lindenbergiana</i> . <i>Journal of Biogeography</i> , 2011, 38, 631-639.	1.4	51
15	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.	4.2	51
16	Three species for the price of one within the moss <i>Homalothecium sericeum</i> s.l.. <i>Taxon</i> , 2014, 63, 249-257.	0.4	47
17	Differences in species-area relationships among the major lineages of land plants: a macroecological perspective. <i>Global Ecology and Biogeography</i> , 2014, 23, 1275-1283.	2.7	47
18	What is the potential of spread in invasive bryophytes?. <i>Ecography</i> , 2015, 38, 480-487.	2.1	44

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19	New national and regional bryophyte records, 26. Journal of Bryology, 2011, 33, 66-73.	0.4	43
20	Intraspecific differentiation: Implications for niche and distribution modelling. Journal of Biogeography, 2021, 48, 415-426.	1.4	43
21	Accounting for data heterogeneity in patterns of biodiversity: an application of linear mixed effect models to the oceanic island biogeography of spore-producing plants. Ecography, 2013, 36, 904-913.	2.1	42
22	Climate threat on the Macaronesian endemic bryophyte flora. Scientific Reports, 2016, 6, 29156.	1.6	41
23	Herbarium-based science in the twenty-first century. Botany Letters, 2018, 165, 323-327.	0.7	40
24	Evidence for Gut-Associated Serratia symbiotica in Wild Aphids and Ants Provides New Perspectives on the Evolution of Bacterial Mutualism in Insects. Microbial Ecology, 2019, 78, 159-169.	1.4	39
25	Measuring spore settling velocity for an improved assessment of dispersal rates in mosses. Annals of Botany, 2016, 118, 197-206.	1.4	36
26	The taxonomy of the leafy liverwort genus <i>Leptoscyphus</i> (Lophocoleaceae) revisited. Taxon, 2010, 59, 176-186.	0.4	34
27	Increased diversification rates follow shifts to bisexuality in liverworts. New Phytologist, 2016, 210, 1121-1129.	3.5	34
28	To what extent are bryophytes efficient dispersers?. Journal of Ecology, 2019, 107, 2149-2154.	1.9	29
29	Origin and fate of the single-island endemic moss <i>Orthotrichum handiense</i> . Journal of Biogeography, 2013, 40, 857-868.	1.4	27
30	Elevational patterns of genetic variation in the cosmopolitan moss <i>Bryum argenteum</i> (Bryaceae). American Journal of Botany, 2013, 100, 2000-2008.	0.8	26
31	Is the sword moss (<i>Bryoxiphium</i>) a preglacial Tertiary relict?. Molecular Phylogenetics and Evolution, 2016, 96, 200-206.	1.2	24
32	Evidence for a latitudinal diversity gradient in liverworts and hornworts. Journal of Biogeography, 2017, 44, 487-488.	1.4	24
33	High migration rates shape the postglacial history of amphiatlantic bryophytes. Molecular Ecology, 2016, 25, 5568-5584.	2.0	22
34	A molecular and morphological recircumscription of <i>Brachytheciastrum</i> (Brachytheciaceae), Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 142 T	0.4	21
35	Phylogeny, classification and species delimitation in the liverwort genus <i>Odontoschisma</i> (Cephaloziaceae). Taxon, 2014, 63, 1008-1025.	0.4	21
36	Trees as habitat islands: Temporal variation in alpha and beta diversity in epiphytic laurel forest bryophyte communities. Journal of Biogeography, 2018, 45, 1727-1738.	1.4	21

37	Species delimitation in the recalcitrant moss genus <i>Rhynchostegiella</i> (Brachytheciaceae). <i>Taxon</i> , 2017, 66, 293-308.	0.4	19
38	Range size heritability and diversification patterns in the liverwort genus <i>Radula</i> . <i>Molecular Phylogenetics and Evolution</i> , 2017, 106, 73-85.	1.2	18
39	Macaronesia is a departure gate of anagenetic speciation in the moss genus <i>Rhynchostegiella</i> . <i>Journal of Biogeography</i> , 2015, 42, 2122-2130.	1.4	17
40	Quantification of complex modular architecture in plants. <i>New Phytologist</i> , 2018, 218, 859-872.	3.5	17
41	Island floras are not necessarily more species poor than continental ones. <i>Journal of Biogeography</i> , 2015, 42, 8-10.	1.4	16
42	New combinations in the Amblystegiaceae. <i>Journal of Bryology</i> , 2009, 31, 129-132.	0.4	13
43	No borders during the post-glacial assembly of European bryophytes. <i>Ecology Letters</i> , 2019, 22, 973-986.	3.0	13
44	Unveiling the nature of a miniature world: a horizon scan of fundamental questions in bryology. <i>Journal of Bryology</i> , 2022, 44, 1-34.	0.4	12
45	What are the evolutionary mechanisms explaining the similar species richness patterns in tropical mosses? Insights from the phylogeny of the pantropical genus <i>Pelekiopsis</i> . <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 139-145.	1.2	11
46	Bryophytes of Jaç National Park (Amazonas, Brazil): Estimating species detectability and richness in a lowland Amazonian megareserve. <i>Bryologist</i> , 2018, 121, 571-588.	0.1	10
47	What do tropical cryptogams reveal? Strong genetic structure in Amazonian bryophytes. <i>New Phytologist</i> , 2020, 228, 640-650.	3.5	10
48	Under which humidity conditions are moss spores released? A comparison between species with perfect and specialized peristomes. <i>Ecology and Evolution</i> , 2018, 8, 11484-11491.	0.8	8
49	How to define nativeness in organisms with high dispersal capacities? A comment on Essl et al. <i>Journal of Biogeography</i> , 2015, 42, 1360-1362.	1.4	7
50	A checklist of the bryophytes of Andorra. <i>Journal of Bryology</i> , 2017, 39, 353-367.	0.4	7
51	Evolutionary origin of the latitudinal diversity gradient in liverworts. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 606-612.	1.2	7
52	Macroclimatic structuring of spatial phylogenetic turnover in liverworts. <i>Ecography</i> , 2021, 44, 1474-1485.	2.1	7
53	Mass occurrence of the liverwort <i>Herbertus sendtneri</i> in a glacial lake in the Andes of Colombia. <i>Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales</i> , 2018, 42, 221.	0.0	6

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55	Taxonomic significance of variation in sexual condition in <i>Pelekium</i> Mitt. and related genera (Thuidiaceae). Journal of Bryology, 2017, 39, 121-127.	0.4	4
56	Bryophytes of Kâdougou (Eastern Senegal), with a key to the <i>Fissidens</i> of Senegal. Journal of Bryology, 2018, 40, 62-67.	0.4	4
57	Maintenance of genetic and morphological identity in two sibling <i>Syrrhopodon</i> species (Calymperaceae, Bryopsida) despite extensive introgression. Journal of Systematics and Evolution, 2019, 57, 395-403.	1.6	4
58	New Bryophyte Records from Macaronesia. Cryptogamie, Bryologie, 2018, 39, 61-76.	0.1	4
59	Conservation biology. , 0, , 232-255.		3
60	Current and historical factors drive variation of reproductive traits in unisexual mosses in Europe: A case study. Journal of Systematics and Evolution, 2023, 61, 213-226.	1.6	3
61	Island biogeography: an avenue for research in bryology. Bryophyte Diversity and Evolution, 2021, 43, .	1.0	2
62	<i>Ptychomitrium subcrispatum</i> ThÄ©r. & P.de la Varde, an east southern African species excluded from the Cape Verde bryoflora. Journal of Bryology, 2019, 41, 281-284.	0.4	1
63	The bryophyte flora of an Alpine limestone area (Queyras, Hautes Alpes, France). Journal of Bryology, 2020, 42, 365-377.	0.4	0
64	Welcome to migrants in a borderless Europe: bryophytes show the way to go. Scientia Insularum Revista De Ciencias Naturales En Islas, 2020, , 117-132.	0.1	0