

David S Barrington

List of Publications by Year in descending order

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33
papers

1,045
citations

623734

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434195

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33
all docs

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docs citations

33
times ranked

1349
citing authors

#	ARTICLE	IF	CITATIONS
1	A Global Phylogenomic Study of the Thelypteridaceae. <i>Systematic Botany</i> , 2021, 46, 891-915.	0.5	19
2	New Guinea has the world's richest island flora. <i>Nature</i> , 2020, 584, 579-583.	27.8	108
3	New insights into the evolution of the fern family Dennstaedtiaceae from an expanded molecular phylogeny and morphological analysis. <i>Molecular Phylogenetics and Evolution</i> , 2020, 150, 106881.	2.7	16
4	Inferring the impacts of evolutionary history and ecological constraints on spore size and shape in the ferns. <i>Applications in Plant Sciences</i> , 2020, 8, e11339.	2.1	24
5	Speciation and Reticulation in the Polystichum Allotetraploids of the Costa Rican Cordillera Talamanca. <i>American Fern Journal</i> , 2020, 110, .	0.3	1
6	The Biogeography of Polyploid Ferns Across Space and Time. <i>American Fern Journal</i> , 2020, 110, .	0.3	2
7	Historical biogeography of the fern genus Polystichum (Dryopteridaceae) in Austral South America. <i>Molecular Phylogenetics and Evolution</i> , 2019, 137, 168-189.	2.7	5
8	The rise of the Andes promoted rapid diversification in Neotropical <i>Phlegmariurus</i> (Lycopodiaceae). <i>New Phytologist</i> , 2019, 222, 604-613.	7.3	51
9	ECOLOGICAL OUTCOME OF ALLOPOLYPLOIDY IN ADIANTUM (PTERIDACEAE): NICHE INTERMEDIACY AND EXPANSION INTO NOVEL HABITATS. <i>Rhodora</i> , 2019, 121, 108.	0.1	5
10	<i>Vacuolar Protein Sorting 26C</i> encodes an evolutionarily conserved large retromer subunit in eukaryotes that is important for root hair growth in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2018, 94, 595-611.	5.7	20
11	Phylogenetic systematics, morphological evolution, and natural groups in neotropical <i>Phlegmariurus</i> (Lycopodiaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 125, 1-13.	2.7	19
12	Widespread sampling biases in herbaria revealed from large-scale digitization. <i>New Phytologist</i> , 2018, 217, 939-955.	7.3	271
13	David S. Conant, 1949-2018. <i>American Fern Journal</i> , 2018, 108, 112-116.	0.3	0
14	Biodiversity and apomixis: Insights from the East-Asian holly ferns in Polystichum section Xiphopolystichum. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 345-355.	2.7	6
15	Overcoming among-lineage rate heterogeneity to infer the divergence times and biogeography of the clubmoss family Lycopodiaceae. <i>Journal of Biogeography</i> , 2018, 45, 1929-1941.	3.0	28
16	Insights into evolution in Andean Polystichum (Dryopteridaceae) from expanded understanding of the cytosolic phosphoglucose isomerase gene. <i>Molecular Phylogenetics and Evolution</i> , 2017, 112, 36-46.	2.7	5
17	Two Beringian Origins for the Allotetraploid Fern <i>Polystichum braunii</i> (Dryopteridaceae). <i>Systematic Botany</i> , 2017, 42, 6-16.	0.5	14
18	Phylogenetic analysis of <i>Attalea</i> (Arecaceae): insights into the historical biogeography of a recently diversified Neotropical plant group. <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 287-302.	1.6	26

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19	Cytological study of <i>Polystichum</i> (Dryopteridaceae) species from southern South America. Australian Journal of Botany, 2015, 63, 403.	0.6	6
20	Phylogeny and biogeography of exindusiate Andean <i>Polystichum</i> (Dryopteridaceae). American Journal of Botany, 2014, 101, 365-375.	1.7	30
21	The Fern Genus <i>Polystichum</i> (Dryopteridaceae) in Costa Rica ¹ . Annals of the Missouri Botanical Garden, 2012, 98, 431-446.	1.3	10
22	From the Himalayan region or the Malay Archipelago: Molecular dating to trace the origin of a fern genus <i>Phymatopteris</i> (Polypodiaceae). Science Bulletin, 2012, 57, 4569-4577.	1.7	8
23	Broad-Scale Integrity and Local Divergence in the Fiddlehead Fern <i>Matteuccia struthiopteris</i> (L.) Todaro (Onocleaceae). American Fern Journal, 2011, 101, 213-230.	0.3	6
24	Ross and Joyce Bell as Mentors at the University of Vermont. ZooKeys, 2011, 147, 15-17.	1.1	0
25	Phylogeny of Chinese <i>Polystichum</i> (Dryopteridaceae) based on chloroplast DNA sequence data (trnL-F) Tj ETQq1 1 0.784314 1.000000 2.4 4.8	2.4	48
26	Origin of Hawaiian <i>Polystichum</i> (Dryopteridaceae) in the context of a world phylogeny. American Journal of Botany, 2007, 94, 1413-1424.	1.7	49
27	<i>Polystichum lilianae</i> sp. nov. (Dryopteridaceae) and its relationships to <i>P. fournieri</i> and <i>P. turrialbae</i> . Brittonia, 2003, 55, 317-325.	0.2	12
28	Major evolutionary events in the origin and diversification of the fern genus <i>Polystichum</i> (Dryopteridaceae). American Journal of Botany, 2003, 90, 508-514.	1.7	105
29	Hybridization and Allopolyploidy in Central American <i>Polystichum</i> : Cytological and Isozyme Documentation. Annals of the Missouri Botanical Garden, 1990, 77, 297.	1.3	30
30	Systematic Inferences from Spore and Stomate Size in the Ferns. American Fern Journal, 1986, 76, 149.	0.3	107
31	Hybridisation in Costa Rican <i>Polystichum</i> . Proceedings of the Royal Society of Edinburgh Section B Biological Sciences, 1985, 86, 335-340.	0.2	5
32	CIBOTIUM OREGONENSE: AN EOCENE TREE-FERN STEM AND PETIOLES WITH INTERNAL STRUCTURE. American Journal of Botany, 1983, 70, 1118-1124.	1.7	7
33	<i>Cibotium oregonense</i> : An Eocene Tree-Fern Stem and Petioles with Internal Structure. American Journal of Botany, 1983, 70, 1118.	1.7	9