David S Barrington

List of Publications by Year
in descending order

33 papers	1,045 citations	623734 14 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1349 citing authors

#	Article	IF	Citations
1	Widespread sampling biases in herbaria revealed from largeâ€scale digitization. New Phytologist, 2018, 217, 939-955.	7.3	271
2	New Guinea has the worldâ€™s richest island flora. Nature, 2020, 584, 579-583.	27.8	108
3	Systematic Inferences from Spore and Stomate Size in the Ferns. American Fern Journal, 1986, 76, 149.	0.3	107
4	Major evolutionary events in the origin and diversification of the fern genus Polystichum (Dryopteridaceae). American Journal of Botany, 2003, 90, 508-514.	1.7	105
5	The rise of the Andes promoted rapid diversification in Neotropical Phlegmariurus (Lycopodiaceae). New Phytologist, 2019, 222, 604-613.	7.3	51
6	Origin of Hawaiian Polystichum (Dryopteridaceae) in the context of a world phylogeny. American Journal of Botany, 2007, 94, 1413-1424.	1.7	49
7	Phylogeny of Chinese Polystichum (Dryopteridaceae) based on chloroplast DNA sequence data (trnL-F) Tj ETQq1 1 0.784314 rgBT /Ov	2.4	42
8	Hybridization and Allopolyploidy in Central American Polystichum: Cytological and Isozyme Documentation. Annals of the Missouri Botanical Garden, 1990, 77, 297.	1.3	30
9	Phylogeny and biogeography of exindusiate Andean Polystichum (Dryopteridaceae). American Journal of Botany, 2014, 101, 365-375.	1.7	30
10	Overcoming amongâ€lineage rate heterogeneity to infer the divergence times and biogeography of the clubmoss family Lycopodiaceae. Journal of Biogeography, 2018, 45, 1929-1941.	3.0	28
11	Phylogenetic analysis ofAttalea(Arecaceae): insights into the historical biogeography of a recently diversified Neotropical plant group. Botanical Journal of the Linnean Society, 2016, 182, 287-302.	1.6	26
12	Inferring the impacts of evolutionary history and ecological constraints on spore size and shape in the ferns. Applications in Plant Sciences, 2020, 8, e11339.	2.1	24
13	Vacuolar Protein Sorting 26C encodes an evolutionarily conserved large retromer subunit in eukaryotes that is important for root hair growth in Arabidopsis thaliana. Plant Journal, 2018, 94, 595-611.	5.7	20
14	Phylogenetic systematics, morphological evolution, and natural groups in neotropical Phlegmariurus (Lycopodiaceae). Molecular Phylogenetics and Evolution, 2018, 125, 1-13.	2.7	19
15	A Global Phylogenomic Study of the Thelypteridaceae. Systematic Botany, 2021, 46, 891-915.	0.5	19
16	New insights into the evolution of the fern family Dennstaedtiaceae from an expanded molecular phylogeny and morphological analysis. Molecular Phylogenetics and Evolution, 2020, 150, 106881.	2.7	16
17	Two Beringian Origins for the Allotetraploid Fern Polystichum braunii (Dryopteridaceae). Systematic Botany, 2017, 42, 6-16.	0.5	14
18	Polystichum lilianae sp. nov. (Dryopteridaceae) and its relationships to P. fournieri and P. turrialbae. Brittonia, 2003, 55, 317-325.	0.2	12

#	Article	IF	Citations
19	The Fern GenusPolystichum(Dryopteridaceae) in Costa Rica¹. Annals of the Missouri Botanical Garden, 2012, 98, 431-446.	1.3	10
20	Cibotium oregonense: An Eocene Tree-Fern Stem and Petioles with Internal Structure. American Journal of Botany, 1983, 70, 1118.	1.7	9
21	From the Himalayan region or the Malay Archipelago: Molecular dating to trace the origin of a fern genus Phymatopteris (Polypodiaceae). Science Bulletin, 2012, 57, 4569-4577.	1.7	8
22	CIBOTIUM OREGONENSE: AN EOCENE TREEâ€FERN STEM AND PETIOLES WITH INTERNAL STRUCTURE. American Journal of Botany, 1983, 70, 1118-1124.	1.7	7
23	Broad-Scale Integrity and Local Divergence in the Fiddlehead Fern Matteuccia struthiopteris (L.) Todaro (Onocleaceae). American Fern Journal, 2011, 101, 213-230.	0.3	6
24	Cytological study of Polystichum (Dryopteridaceae) species from southern South America. Australian Journal of Botany, 2015, 63, 403.	0.6	6
25	Biodiversity and apomixis: Insights from the East-Asian holly ferns in Polystichum section Xiphopolystichum. Molecular Phylogenetics and Evolution, 2018, 127, 345-355.	2.7	6
26	Hybridisation in Costa Rican Polystichum. Proceedings of the Royal Society of Edinburgh Section B Biological Sciences, 1985, 86, 335-340.	0.2	5
27	Insights into evolution in Andean Polystichum (Dryopteridaceae) from expanded understanding of the cytosolic phosphoglucose isomerase gene. Molecular Phylogenetics and Evolution, 2017, 112, 36-46.	2.7	5
28	Historical biogeography of the fern genus Polystichum (Dryopteridaceae) in Austral South America. Molecular Phylogenetics and Evolution, 2019, 137, 168-189.	2.7	5
29	ECOLOGICAL OUTCOME OF ALLOPOLYPLOIDY IN ADIANTUM (PTERIDACEAE): NICHE INTERMEDIACY AND EXPANSION INTO NOVEL HABITATS. Rhodora, 2019, 121, 108.	0.1	5
30	The Biogeography of Polyploid Ferns Across Space and Time. American Fern Journal, 2020, 110, .	0.3	2
31	Speciation and Reticulation in the Polystichum Allotetraploids of the Costa Rican Cordillera Talamanca. American Fern Journal, 2020, 110, .	0.3	1
32	Ross and Joyce Bell as Mentors at the University of Vermont. ZooKeys, 2011, 147, 15-17.	1.1	0
33	David S. Conant, 1949-2018. American Fern Journal, 2018, 108, 112-116.	0.3	0