Robert W Scotland

List of Publications by Year
in descending order

41 papers	2,703 citations	304368 22 h-index	288905 40 g-index
42 all docs	42 docs citations	42 times ranked	3769 citing authors

#	Article	IF	Citations
1	Phylogeny Reconstruction: The Role of Morphology. Systematic Biology, 2003, 52, 539-548.	2.7	332
2	Herbaria are a major frontier for species discovery. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22169-22171.	3.3	279
3	Primary Homology Assessment, Characters and Character States. Cladistics, 1997, 13, 275-283.	1.5	229
4	Widespread mistaken identity in tropical plant collections. Current Biology, 2015, 25, R1066-R1067.	1.8	183
5	Independent recruitment of a conserved developmental mechanism during leaf evolution. Nature, 2005, 434, 509-514.	13.7	176
6	Reconciling Conflicting Phylogenies in the Origin of Sweet Potato and Dispersal to Polynesia. Current Biology, 2018, 28, 1246-1256.e12.	1.8	133
7	How many species of seed plants are there?. Taxon, 2003, 52, 101-104.	0.4	128
8	How Much Data are Needed to Resolve a Difficult Phylogeny? Case Study in Lamiales. Systematic Biology, 2005, 54, 697-709.	2.7	127
9	Predicting unknown species numbers using discovery curves. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1651-1658.	1.2	109
10	New Guinea has the worldâ€™s richest island flora. Nature, 2020, 584, 579-583.	13.7	108
11	What is parallelism?. Evolution & Development, 2011, 13, 214-227.	1.1	101
12	Phylogenetic trees do not reliably predict feature diversity. Diversity and Distributions, 2014, 20, 600-612.	1.9	83
13	Deep homology: A view from systematics. BioEssays, 2010, 32, 438-449.	1.2	75
14	A taxonomic monograph of Ipomoea integrated across phylogenetic scales. Nature Plants, 2019, 5, 1136-1144.	4.7	67
15	The Significance of Few Versus Many in the Tree of Life. Science, 2004, 303, 643-643.	6.0	57
16	Distributions, ex situ conservation priorities, and genetic resource potential of crop wild relatives of sweetpotato [Ipomoea batatas (L.) Lam., I. series Batatas]. Frontiers in Plant Science, 2015, 6, 251.	1.7	57
17	Author inflation masks global capacity for species discovery in flowering plants. New Phytologist, 2014, 201, 700-706.	3.5	43
18	A foundation monograph of Convolvulus L. (Convolvulaceae). PhytoKeys, 2015, 51, 1-282.	0.4	36

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19	A foundation monograph of Ipomoea (Convolvulaceae) in the New World. PhytoKeys, 2020, 143, 1-823.	0.4	36
20	Pollen morphology of Strobilanthes Blume (Acanthaceae) from southern India and Sri Lanka. Review of Palaeobotany and Palynology, 1998, 103, 143-165.	0.8	35
21	The corona of the daffodil Narcissus bulbocodium shares stamenâ€like identity and is distinct from the orthodox floral whorls. Plant Journal, 2013, 74, 615-625.	2.8	32
22	Circumstances in Which Parsimony but not Compatibility will be Provably Misleading. Systematic Biology, 2015, 64, 492-504.	2.7	32
23	Synonymy, sampling and seed plant numbers. Taxon, 2004, 53, 478-480.	0.4	24
24	The taxonomy and biology of Stenosiphonium Nees (Acanthaceae). Botanical Journal of the Linnean Society, 2000, 133, 101-128.	0.8	21
25	Classification of Strobilanthinae (Acanthaceae): trying to classify the unclassifiable?. Taxon, 2002, 51, 259-279.	0.4	19
26	Integrating DNA barcode data in a monographic study of Convolvulus. Taxon, 2014, 63, 1287-1306.	0.4	19
27	New species of Ipomoea (Convolvulaceae) from South America. PhytoKeys, 2017, 88, 1-38.	0.4	18
28	Taxonomic Account of Hemigraphis Nees (Strobilanthinae-Acanthaceae) from the Philippines. Kew Bulletin, 2002, 57, 769.	0.4	17
29	Accelerating the pace of taxonomy. Trends in Ecology and Evolution, 2012, 27, 415-416.	4.2	17
30	The Implications of Lineage-Specific Rates for Divergence Time Estimation. Systematic Biology, 2020, 69, 660-670.	2.7	16
31	The temporal dynamics of evolutionary diversification in Ipomoea. Molecular Phylogenetics and Evolution, 2020, 146, 106768.	1.2	14
32	How the temperate world was colonised by bindweeds: biogeography of the Convolvuleae (Convolvulaceae). BMC Evolutionary Biology, 2016, 16, 16.	3.2	13
33	Insights from Empirical Analyses and Simulations on Using Multiple Fossil Calibrations with Relaxed Clocks to Estimate Divergence Times. Molecular Biology and Evolution, 2020, 37, 1508-1529.	3.5	11
34	How long does it take to discover a species?. Systematics and Biodiversity, 2020, 18, 784-793.	0.5	10
35	Ethnobotany and the first printed records of British flowering plants. Global Ecology and Biogeography, 2007, 16, 103-108.	2.7	9
36	Taxonomic capacity and author inflation. New Phytologist, 2014, 202, 741-742.	3.5	9

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37	Species as a Heuristic: Reconciling Theory and Practice. Systematic Biology, 2022, 71, 1233-1243.	2.7	9
38	The Implications of Interrelated Assumptions on Estimates of Divergence Times and Rates of Diversification. Systematic Biology, 2021, 70, 1181-1199.	2.7	7
39	Discovery and characterization of sweetpotatoâ€™s closest tetraploid relative. New Phytologist, 2022, 234, 1185-1194.	3.5	7
40	Uncertainty in Divergence Time Estimation. Systematic Biology, 2021, 70, 855-861.	2.7	5
41	Heuristics, species, and the analysis of systematic data. Trends in Plant Science, 2022, , .	4.3	0