

Ryan A Folk

List of Publications by Year in descending order

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Version: 2024-02-01

42

papers

1,468

citations

394421

19

h-index

377865

34

g-index

47

all docs

47

docs citations

47

times ranked

1785

citing authors

#	ARTICLE	IF	CITATIONS
1	New prospects in the detection and comparative analysis of hybridization in the tree of life. <i>American Journal of Botany</i> , 2018, 105, 364-375.	1.7	150
2	Ancestral Gene Flow and Parallel Organellar Genome Capture Result in Extreme Phylogenomic Discord in a Lineage of Angiosperms. <i>Systematic Biology</i> , 2017, 66, syw083.	5.6	132
3	Rates of niche and phenotype evolution lag behind diversification in a temperate radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10874-10882.	7.1	115
4	A protocol for targeted enrichment of intron-containing sequence markers for recent radiations: A phylogenomic example from <i>< i>Heuchera</i></i> (Saxifragaceae). <i>Applications in Plant Sciences</i> , 2015, 3, 1500039.	2.1	99
5	Deep reticulation and incomplete lineage sorting obscure the diploid phylogeny of rain-lilies and allies (Amaryllidaceae tribe Hippeastreae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 231-247.	2.7	88
6	Biodiversity and the Species Concept—Lineages are not Enough. <i>Systematic Biology</i> , 2017, 66, syw098.	5.6	74
7	aTRAM 2.0: An Improved, Flexible Locus Assembler for NGS Data. <i>Evolutionary Bioinformatics</i> , 2018, 14, 117693431877454.	1.2	68
8	Darwin review: angiosperm phylogeny and evolutionary radiations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190099.	2.6	62
9	Methods for broad-scale plant phenology assessments using citizen scientists' photographs. <i>Applications in Plant Sciences</i> , 2020, 8, e11315.	2.1	47
10	The monocotyledonous underground: global climatic and phylogenetic patterns of geophyte diversity. <i>American Journal of Botany</i> , 2019, 106, 850-863.	1.7	44
11	Chloranthus genome provides insights into the early diversification of angiosperms. <i>Nature Communications</i> , 2021, 12, 6930.	12.8	44
12	Recent accelerated diversification in rosids occurred outside the tropics. <i>Nature Communications</i> , 2020, 11, 3333.	12.8	43
13	High-throughput methods for efficiently building massive phylogenies from natural history collections. <i>Applications in Plant Sciences</i> , 2021, 9, e11410.	2.1	36
14	Pseudo-parallel patterns of disjunctions in an Arctic-alpine plant lineage. <i>Molecular Phylogenetics and Evolution</i> , 2018, 123, 88-100.	2.7	34
15	Plastome Evolution in Saxifragaceae and Multiple Plastid Capture Events Involving Heuchera and Tiarella. <i>Frontiers in Plant Science</i> , 2020, 11, 361.	3.6	34
16	Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids. <i>American Journal of Botany</i> , 2018, 105, 433-445.	1.7	33
17	Angiosperms at the edge: Extremity, diversity, and phylogeny. <i>Plant, Cell and Environment</i> , 2020, 43, 2871-2893.	5.7	32
18	Phylogenetic relationships and character evolution in <i>< i>Heuchera</i></i> (Saxifragaceae) on the basis of multiple nuclear loci. <i>American Journal of Botany</i> , 2014, 101, 1532-1550.	1.7	28

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19	A Phylogenomic Perspective on Evolution and Discordance in the Alpine-Arctic Plant Clade <i>Micranthes</i> (Saxifragaceae). <i>Frontiers in Plant Science</i> , 2019, 10, 1773.	3.6	28
20	A two-tier bioinformatic pipeline to develop probes for target capture of nuclear loci with applications in Melastomataceae. <i>Applications in Plant Sciences</i> , 2020, 8, e11345.	2.1	25
21	The Effects of Herbarium Specimen Characteristics on Short-Read NGS Sequencing Success in Nearly 8000 Specimens: Old, Degraded Samples Have Lower DNA Yields but Consistent Sequencing Success. <i>Frontiers in Plant Science</i> , 2021, 12, 669064.	3.6	24
22	Homoploid hybridization of plants in the Hengduan mountains region. <i>Ecology and Evolution</i> , 2019, 9, 8399-8410.	1.9	21
23	Ancient DNA and high-resolution chronometry reveal a long-term human role in the historical diversity and biogeography of the Bahamian hutia. <i>Scientific Reports</i> , 2020, 10, 1373.	3.3	20
24	Geographic Range Dynamics Drove Ancient Hybridization in a Lineage of Angiosperms. <i>American Naturalist</i> , 2018, 192, 171-187.	2.1	19
25	Biodiversity synthesis across the green branches of the tree of life. <i>Nature Plants</i> , 2019, 5, 11-13.	9.3	19
26	Estimating rates and patterns of diversification with incomplete sampling: a case study in the rosids. <i>American Journal of Botany</i> , 2020, 107, 895-909.	1.7	17
27	Ancient DNA from a 2,500-year-old Caribbean fossil places an extinct bird (<i>Caracara creightoni</i>) in a phylogenetic context. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106576.	2.7	14
28	Degradation of key photosynthetic genes in the critically endangered semi-aquatic flowering plant <i>Saniculiphyllum guangxiense</i> (Saxifragaceae). <i>BMC Plant Biology</i> , 2020, 20, 324.	3.6	14
29	Biodiversity at the global scale: the synthesis continues. <i>American Journal of Botany</i> , 2021, 108, 912-924.	1.7	12
30	âœSky islandsâ in the eastern U.S.A.? Strong phylogenetic structure in the <i>Heuchera parviflora</i> group (Saxifragaceae). <i>Taxon</i> , 2015, 64, 254-271.	0.7	11
31	Biogeography and habitat evolution of Saxifragaceae, with a revision of generic limits and a new tribal system. <i>Taxon</i> , 2021, 70, 263-285.	0.7	10
32	Evidence for continual hybridization rather than hybrid speciation between <i>Ligularia duciformis</i> and <i>L. paradoxa</i> (Asteraceae). <i>PeerJ</i> , 2017, 5, e3884.	2.0	9
33	Maintenance of species boundaries in three sympatric <i>Ligularia</i> (Senecioneae, Asteraceae) species. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 986-999.	8.5	7
34	Informal multimedia biodiversity awareness event as a digital ecology for promoting culture of science. <i>Education and Information Technologies</i> , 2020, 25, 3275-3297.	5.7	7
35	Is the age of plant communities predicted by the age, stability and soil composition of the underlying landscapes? An investigation of OCBILs. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 297-316.	1.6	7
36	The hidden <i>Heuchera</i> : How science Twitter uncovered a globally imperiled species in Pennsylvania, USA. <i>PhytoKeys</i> , 2018, 96, 87-97.	1.0	7

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37	Integrative identification of incipient lineages in <i>Heuchera longiflora</i> (Saxifragaceae). <i>Botanical Journal of the Linnean Society</i> , 2018, 187, 327-345.	1.6	6
38	<i>Heuchera lakelae</i> (Saxifragaceae), a new species from the Sierra La Marta and Sierra CoahuilÃ³n, Coahuila and Nuevo LeÃ³n, Mexico. <i>Phytotaxa</i> , 2013, 124, 37.	0.3	5
39	Revision of < > <i>Heuchera</i> </ > Section < > <i>Rhodoheuchera</i> </ > Subsections < > <i>Hemsleyanae</i> </ > and < > <i>Rosendahliae</i> </ > Subsectio Nova (Saxifragaceae). <i>Systematic Botany</i> , 2014, 39, 850-874.	0.5	5
40	Diversification in the Arctic: Biogeography and Systematics of the North American <i>Micranthes</i> (Saxifragaceae). <i>Systematic Botany</i> , 2020, 45, 802-811.	0.5	5
41	Two New Species, < > <i>Heuchera soltisii</i> </ > and < > <i>H. inconstans</i> ,</ > with Further Taxonomic Notes for the Western Group of < > <i>Heuchera</i> </ > Section < > <i>Heuchera</i> </ > (Saxifragaceae). <i>Systematic Botany</i> , 2015, 40, 489-500.	0.5	3
42	Functional and comparative genomics reveals conserved noncoding sequences in the nitrogenâ€¢fixing clade. <i>New Phytologist</i> , 2022, 234, 634-649.	7.3	2