Ryan A Folk

List of Publications by Year
in descending order

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	Functional and comparative genomics reveals conserved noncoding sequences in the nitrogenâ€fixing clade. New Phytologist, 2022, 234, 634-649.	7.3	2
2	Is the age of plant communities predicted by the age, stability and soil composition of the underlying landscapes? An investigation of OCBILs. Biological Journal of the Linnean Society, 2021, 133, 297-316.	1.6	7
3	Highâ€throughput methods for efficiently building massive phylogenies from natural history collections. Applications in Plant Sciences, 2021, 9, e11410.	2.1	36
4	Biogeography and habitat evolution of Saxifragaceae, with a revision of generic limits and a new tribal system. Taxon, 2021, 70, 263-285.	0.7	10
5	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. Frontiers in Plant Science, 2021, 12, 669064.	3.6	24
6	Biodiversity at the global scale: the synthesis continues. American Journal of Botany, 2021, 108, 912-924.	1.7	12
7	Chloranthus genome provides insights into the early diversification of angiosperms. Nature Communications, 2021, 12, 6930.	12.8	44
8	Angiosperms at the edge: Extremity, diversity, and phylogeny. Plant, Cell and Environment, 2020, 43, 2871-2893.	5.7	32
9	A twoâ€tier bioinformatic pipeline to develop probes for target capture of nuclear loci with applications in Melastomataceae. Applications in Plant Sciences, 2020, 8, e11345.	2.1	25
10	Estimating rates and patterns of diversification with incomplete sampling: a case study in the rosids. American Journal of Botany, 2020, 107, 895-909.	1.7	17
11	Recent accelerated diversification in rosids occurred outside the tropics. Nature Communications, 2020, 11, 3333.	12.8	43
12	Degradation of key photosynthetic genes in the critically endangered semi-aquatic flowering plant Saniculiphyllum guangxiense (Saxifragaceae). BMC Plant Biology, 2020, 20, 324.	3.6	14
13	Informal multimedia biodiversity awareness event as a digital ecology for promoting culture of science. Education and Information Technologies, 2020, 25, 3275-3297.	5.7	7
14	Ancient DNA and high-resolution chronometry reveal a long-term human role in the historical diversity and biogeography of the Bahamian hutia. Scientific Reports, 2020, 10, 1373.	3.3	20
15	Methods for broadâ€scale plant phenology assessments using citizen scientistsâ€™ photographs. Applications in Plant Sciences, 2020, 8, e11315.	2.1	47
16	Plastome Evolution in Saxifragaceae and Multiple Plastid Capture Events Involving Heuchera and Tiarella. Frontiers in Plant Science, 2020, 11, 361.	3.6	34
17	Diversification in the Arctic: Biogeography and Systematics of the North AmericanMicranthes(Saxifragaceae). Systematic Botany, 2020, 45, 802-811.	0.5	5
18	Ancient DNA from a 2,500-year-old Caribbean fossil places an extinct bird (Caracara creightoni) in a phylogenetic context. Molecular Phylogenetics and Evolution, 2019, 140, 106576.	2.7	14

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19	Homoploid hybridization of plants in the Hengduan mountains region. Ecology and Evolution, 2019, 9, 8399-8410.	1.9	21
20	The monocotyledonous underground: global climatic and phylogenetic patterns of geophyte diversity. American Journal of Botany, 2019, 106, 850-863.	1.7	44
21	Rates of niche and phenotype evolution lag behind diversification in a temperate radiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10874-10882.	7.1	115
22	Darwin review: angiosperm phylogeny and evolutionary radiations. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190099.	2.6	62
23	Biodiversity synthesis across the green branches of the tree of life. Nature Plants, 2019, 5, 11-13.	9.3	19
24	A Phylogenomic Perspective on Evolution and Discordance in the Alpine-Arctic Plant Clade Micranthes (Saxifragaceae). Frontiers in Plant Science, 2019, 10, 1773.	3.6	28
25	New prospects in the detection and comparative analysis of hybridization in the tree of life. American Journal of Botany, 2018, 105, 364-375.	1.7	150
26	Pseudo-parallel patterns of disjunctions in an Arctic-alpine plant lineage. Molecular Phylogenetics and Evolution, 2018, 123, 88-100.	2.7	34
27	Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids. American Journal of Botany, 2018, 105, 433-445.	1.7	33
28	Geographic Range Dynamics Drove Ancient Hybridization in a Lineage of Angiosperms. American Naturalist, 2018, 192, 171-187.	2.1	19
29	Integrative identification of incipient lineages in Heuchera longiflora (Saxifragaceae). Botanical Journal of the Linnean Society, 2018, 187, 327-345.	1.6	6
30	Maintenance of species boundaries in three sympatric Ligularia (Senecioneae, Asteraceae) species. Journal of Integrative Plant Biology, 2018, 60, 986-999.	8.5	7
31	aTRAM 2.0: An Improved, Flexible Locus Assembler for NGS Data. Evolutionary Bioinformatics, 2018, 14, 117693431877454.	1.2	68
32	The hidden Heuchera: How science Twitter uncovered a globally imperiled species in Pennsylvania, USA. PhytoKeys, 2018, 96, 87-97.	1.0	7
33	Ancestral Gene Flow and Parallel Organellar Genome Capture Result in Extreme Phylogenomic Discord in a Lineage of Angiosperms. Systematic Biology, 2017, 66, syw083.	5.6	132
34	Biodiversity and the Species Conceptâ€"Lineages are not Enough. Systematic Biology, 2017, 66, syw098.	5.6	74
35	Deep reticulation and incomplete lineage sorting obscure the diploid phylogeny of rain-lilies and allies (Amaryllidaceae tribe Hippeastreae). Molecular Phylogenetics and Evolution, 2017, 111, 231-247.	2.7	88
36	Evidence for continual hybridization rather than hybrid speciation betweenLigularia duciformisandL.Âparadoxa(Asteraceae). PeerJ, 2017, 5, e3884.	2.0	9

#	Article	IF	Citations
37	â€œSky islandsâ€•in the eastern U.S.A.? â€” Strong phylogenetic structure in the Heuchera parviflora group (Saxifragaceae). Taxon, 2015, 64, 254-271.	0.7	11
38	A protocol for targeted enrichment of intronâ€containing sequence markers for recent radiations: A phylogenomic example from Heuchera (Saxifragaceae). Applications in Plant Sciences, 2015, 3, 1500039.	2.1	99
39	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). Systematic Botany, 2015, 40, 489-500.	0.5	3
40	Revision of <I>Heuchera</I> Section <I>Rhodoheuchera</I> Subsections <I>Hemsleyanae</I> and <I>Rosendahliae</I> Subsectio Nova (Saxifragaceae). Systematic Botany, 2014, 39, 850-874.	0.5	5
41	Phylogenetic relationships and character evolution in Heuchera (Saxifragaceae) on the basis of multiple nuclear loci. American Journal of Botany, 2014, 101, 1532-1550.	1.7	28
42	Heuchera lakelae (Saxifragaceae), a new species from the Sierra La Marta and Sierra CoahuilÃ³n, Coahuila and Nuevo LeÃ³n, Mexico. Phytotaxa, 2013, 124, 37.	0.3	5