

Ryan A Folk

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,468
citations

393982

19
h-index

377514

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 nitrogen-fixing clade. <i>New Phytologist</i> , 2022, 234, 634-649. | 3.5 | 2 |
| 2 | 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. | 0.7 | 7 |
| 3 | High-throughput methods for efficiently building massive phylogenies from natural history collections. <i>Applications in Plant Sciences</i> , 2021, 9, e11410. | 0.8 | 36 |
| 4 | Biogeography and habitat evolution of Saxifragaceae, with a revision of generic limits and a new tribal system. <i>Taxon</i> , 2021, 70, 263-285. | 0.4 | 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. <i>Frontiers in Plant Science</i> , 2021, 12, 669064. | 1.7 | 24 |
| 6 | Biodiversity at the global scale: the synthesis continues. <i>American Journal of Botany</i> , 2021, 108, 912-924. | 0.8 | 12 |
| 7 | <i>Chloranthus</i> genome provides insights into the early diversification of angiosperms. <i>Nature Communications</i> , 2021, 12, 6930. | 5.8 | 44 |
| 8 | Angiosperms at the edge: Extremity, diversity, and phylogeny. <i>Plant, Cell and Environment</i> , 2020, 43, 2871-2893. | 2.8 | 32 |
| 9 | 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. | 0.8 | 25 |
| 10 | 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. | 0.8 | 17 |
| 11 | Recent accelerated diversification in rosids occurred outside the tropics. <i>Nature Communications</i> , 2020, 11, 3333. | 5.8 | 43 |
| 12 | 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. | 1.6 | 14 |
| 13 | Informal multimedia biodiversity awareness event as a digital ecology for promoting culture of science. <i>Education and Information Technologies</i> , 2020, 25, 3275-3297. | 3.5 | 7 |
| 14 | 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. | 1.6 | 20 |
| 15 | Methods for broad-scale plant phenology assessments using citizen scientists' photographs. <i>Applications in Plant Sciences</i> , 2020, 8, e11315. | 0.8 | 47 |
| 16 | Plastome Evolution in Saxifragaceae and Multiple Plastid Capture Events Involving <i>Heuchera</i> and <i>Tiarella</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 361. | 1.7 | 34 |
| 17 | Diversification in the Arctic: Biogeography and Systematics of the North American <i>Micranthes</i> (Saxifragaceae). <i>Systematic Botany</i> , 2020, 45, 802-811. | 0.2 | 5 |
| 18 | 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. | 1.2 | 14 |

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|----|--|-----|-----------|
| 19 | Homoploid hybridization of plants in the Hengduan mountains region. <i>Ecology and Evolution</i> , 2019, 9, 8399-8410. | 0.8 | 21 |
| 20 | The monocotyledonous underground: global climatic and phylogenetic patterns of geophyte diversity. <i>American Journal of Botany</i> , 2019, 106, 850-863. | 0.8 | 44 |
| 21 | 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. | 3.3 | 115 |
| 22 | Darwin review: angiosperm phylogeny and evolutionary radiations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190099. | 1.2 | 62 |
| 23 | Biodiversity synthesis across the green branches of the tree of life. <i>Nature Plants</i> , 2019, 5, 11-13. | 4.7 | 19 |
| 24 | 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. | 1.7 | 28 |
| 25 | 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. | 0.8 | 150 |
| 26 | Pseudo-parallel patterns of disjunctions in an Arctic-alpine plant lineage. <i>Molecular Phylogenetics and Evolution</i> , 2018, 123, 88-100. | 1.2 | 34 |
| 27 | Challenges of comprehensive taxon sampling in comparative biology: Wrestling with rosids. <i>American Journal of Botany</i> , 2018, 105, 433-445. | 0.8 | 33 |
| 28 | Geographic Range Dynamics Drove Ancient Hybridization in a Lineage of Angiosperms. <i>American Naturalist</i> , 2018, 192, 171-187. | 1.0 | 19 |
| 29 | Integrative identification of incipient lineages in <i>Heuchera longiflora</i> (Saxifragaceae). <i>Botanical Journal of the Linnean Society</i> , 2018, 187, 327-345. | 0.8 | 6 |
| 30 | Maintenance of species boundaries in three sympatric <i>Ligularia</i> (Senecioneae, Asteraceae) species. <i>Journal of Integrative Plant Biology</i> , 2018, 60, 986-999. | 4.1 | 7 |
| 31 | aTRAM 2.0: An Improved, Flexible Locus Assembler for NGS Data. <i>Evolutionary Bioinformatics</i> , 2018, 14, 117693431877454. | 0.6 | 68 |
| 32 | The hidden <i>Heuchera</i> : How science Twitter uncovered a globally imperiled species in Pennsylvania, USA. <i>PhytoKeys</i> , 2018, 96, 87-97. | 0.4 | 7 |
| 33 | 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. | 2.7 | 132 |
| 34 | Biodiversity and the Species Concept—Lineages are not Enough. <i>Systematic Biology</i> , 2017, 66, syw098. | 2.7 | 74 |
| 35 | 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. | 1.2 | 88 |
| 36 | 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. | 0.9 | 9 |

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|----|---|-----|-----------|
| 37 | “Sky islands” in the eastern U.S.A.? Strong phylogenetic structure in the <i>Heuchera parviflora</i> group (Saxifragaceae). <i>Taxon</i> , 2015, 64, 254-271. | 0.4 | 11 |
| 38 | A protocol for targeted enrichment of intron-containing sequence markers for recent radiations: A phylogenomic example from <i>Heuchera</i> (Saxifragaceae). <i>Applications in Plant Sciences</i> , 2015, 3, 1500039. | 0.8 | 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). <i>Systematic Botany</i> , 2015, 40, 489-500. | 0.2 | 3 |
| 40 | 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. | 0.2 | 5 |
| 41 | Phylogenetic relationships and character evolution in <i>Heuchera</i> (Saxifragaceae) on the basis of multiple nuclear loci. <i>American Journal of Botany</i> , 2014, 101, 1532-1550. | 0.8 | 28 |
| 42 | <i>Heuchera lakelae</i> (Saxifragaceae), a new species from the Sierra La Marta and Sierra Coahuil n, Coahuila and Nuevo Le n, Mexico. <i>Phytotaxa</i> , 2013, 124, 37. | 0.1 | 5 |