

Deren A R Eaton

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	2,119 citations	16 h-index	37 g-index
37 ext. papers	2,933 ext. citations	5.4 avg, IF	6.09 L-index

#	Paper	IF	Citations
33	PyRAD: assembly of de novo RADseq loci for phylogenetic analyses. <i>Bioinformatics</i> , 2014 , 30, 1844-9	7.2	539
32	Inferring phylogeny and introgression using RADseq data: an example from flowering plants (Pedicularis: Orobanchaceae). <i>Systematic Biology</i> , 2013 , 62, 689-706	8.4	353
31	A framework phylogeny of the American oak clade based on sequenced RAD data. <i>PLoS ONE</i> , 2014 , 9, e93975	3.7	173
30	ipyrad: Interactive assembly and analysis of RADseq datasets. <i>Bioinformatics</i> , 2020 , 36, 2592-2594	7.2	152
29	Historical introgression among the American live oaks and the comparative nature of tests for introgression. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 2587-601	3.8	127
28	Phylogeny and biogeography of the American live oaks (Quercus subsection Virentes): a genomic and population genetics approach. <i>Molecular Ecology</i> , 2015 , 24, 3668-87	5.7	116
27	Misconceptions on Missing Data in RAD-seq Phylogenetics with a Deep-scale Example from Flowering Plants. <i>Systematic Biology</i> , 2017 , 66, 399-412	8.4	103
26	Genotyping-by-sequencing as a tool to infer phylogeny and ancestral hybridization: a case study in Carex (Cyperaceae). <i>Molecular Phylogenetics and Evolution</i> , 2014 , 79, 359-67	4.1	82
25	Floral diversity and community structure in Pedicularis (Orobanchaceae). <i>Ecology</i> , 2012 , 93, S182-S194	4.6	80
24	Paths to selection on life history loci in different natural environments across the native range of Arabidopsis thaliana. <i>Molecular Ecology</i> , 2013 , 22, 3552-66	5.7	78
23	Practical considerations for plant phylogenomics. <i>Applications in Plant Sciences</i> , 2018 , 6, e1038	2.3	77
22	Coral hybridization or phenotypic variation? Genomic data reveal gene flow between Porites lobata and P. Compressa. <i>Molecular Phylogenetics and Evolution</i> , 2017 , 111, 132-148	4.1	44
21	Identification of SNP markers for inferring phylogeny in temperate bamboos (Poaceae: Bambusoideae) using RAD sequencing. <i>Molecular Ecology Resources</i> , 2013 , 13, 938-45	8.4	44
20	Restriction-Site-Associated DNA Sequencing Reveals a Cryptic Viburnum Species on the North American Coastal Plain. <i>Systematic Biology</i> , 2019 , 68, 187-203	8.4	23
19	Inferring processes of coevolutionary diversification in a community of Panamanian strangler figs and associated pollinating wasps. <i>Evolution; International Journal of Organic Evolution</i> , 2019 , 73, 2295-2311	3.8	18
18	Toytree: A minimalist tree visualization and manipulation library for Python. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 187-191	7.7	18
17	Phylogeny of Hawaiian (Rutaceae): RAD-seq Resolves Species Relationships and Reveals Ancient Introgression. <i>Frontiers in Plant Science</i> , 2019 , 10, 1074	6.2	16

16	Joint Phylogenetic Estimation of Geographic Movements and Biome Shifts during the Global Diversification of Viburnum. <i>Systematic Biology</i> , 2021 , 70, 67-85	8.4	15
15	Differences in flowering time maintain species boundaries in a continental radiation of Viburnum. <i>American Journal of Botany</i> , 2019 , 106, 833-849	2.7	13
14	Genome-Wide Assessment of Diversity and Divergence Among Extant Galapagos Giant Tortoise Species. <i>Journal of Heredity</i> , 2018 , 109, 611-619	2.4	12
13	Reconciling species diversity in a tropical plant clade (Canarium, Burseraceae). <i>PLoS ONE</i> , 2018 , 13, e0198882	3.7	8
12	Parallel ddRAD and Genome Skimming Analyses Reveal a Radiative and Reticulate Evolutionary History of the Temperate Bamboos. <i>Systematic Biology</i> , 2021 , 70, 756-773	8.4	6
11	Sterile marginal flowers increase visitation and fruit set in the hobblebush (Viburnum lantanoides, Adoxaceae) at multiple spatial scales. <i>Annals of Botany</i> , 2019 , 123, 381-390	4.1	5
10	ipcoal: an interactive Python package for simulating and analyzing genealogies and sequences on a species tree or network. <i>Bioinformatics</i> , 2020 , 36, 4193-4196	7.2	3
9	Introgression obscures and reveals historical relationships among the American live oaks		3
8	The potential of genome-wide RAD sequences for resolving rapid radiations: a case study in Cactaceae. <i>Molecular Phylogenetics and Evolution</i> , 2020 , 151, 106896	4.1	2
7	Resolved phylogenetic relationships in the Ocotea complex (Supraocotea) facilitate phylogenetic classification and studies of character evolution. <i>American Journal of Botany</i> , 2021 , 108, 664-679	2.7	2
6	PyRAD: assembly of de novo RADseq loci for phylogenetic analyses 2013 ,		1
5	Inferring Processes of Coevolutionary Diversification in a Community of Panamanian Strangler Figs and Associated Pollinating Wasps		1
4	Joint phylogenetic estimation of geographic movements and biome shifts during the global diversification of Viburnum		1
3	ipcoal: An interactive Python package for simulating and analyzing genealogies and sequences on a species tree or network		1
2	Genetic incompatibilities do not snowball in a demographic model of speciation		1
1	Selection on the gametophyte: Modeling alternation of generations in plants.. <i>Applications in Plant Sciences</i> , 2022 , 10, e11472	2.3	1