

# Deren A R Eaton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5230270/publications.pdf>

Version: 2024-02-01

29  
papers

3,356  
citations

394421

19  
h-index

477307

29  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3914  
citing authors

#	ARTICLE	IF	CITATIONS
1	PyRAD: assembly of <i>de novo</i> RADseq loci for phylogenetic analyses. <i>Bioinformatics</i> , 2014, 30, 1844-1849.	4.1	708
2	Inferring Phylogeny and Introgression using RADseq Data: An Example from Flowering Plants ( <i>Pedicularis</i> : Orobanchaceae). <i>Systematic Biology</i> , 2013, 62, 689-706.	5.6	482
3	ipyrad: Interactive assembly and analysis of RADseq datasets. <i>Bioinformatics</i> , 2020, 36, 2592-2594.	4.1	479
4	A Framework Phylogeny of the American Oak Clade Based on Sequenced RAD Data. <i>PLoS ONE</i> , 2014, 9, e93975.	2.5	215
5	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, 2587-2601.	2.3	193
6	Misconceptions on Missing Data in RAD-seq Phylogenetics with a Deep-scale Example from Flowering Plants. <i>Systematic Biology</i> , 2017, 66, syw092.	5.6	167
7	Phylogeny and biogeography of the American live oaks ( <i>Quercus</i> subsection <i>Virentes</i> ): a genomic and population genetics approach. <i>Molecular Ecology</i> , 2015, 24, 3668-3687.	3.9	165
8	Practical considerations for plant phylogenomics. <i>Applications in Plant Sciences</i> , 2018, 6, e1038.	2.1	165
9	Genotyping-by-sequencing as a tool to infer phylogeny and ancestral hybridization: A case study in <i>Carex</i> (Cyperaceae). <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 359-367.	2.7	115
10	Paths to selection on life history loci in different natural environments across the native range of <i>A. rabidopsis thaliana</i> . <i>Molecular Ecology</i> , 2013, 22, 3552-3566.	3.9	101
11	Floral diversity and community structure in <i>Pedicularis</i> (Orobanchaceae). <i>Ecology</i> , 2012, 93, S182.	3.2	96
12	Coral hybridization or phenotypic variation? Genomic data reveal gene flow between <i>Porites lobata</i> and <i>P. Compressa</i> . <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 132-148.	2.7	59
13	Identification of SNP markers for inferring phylogeny in temperate bamboos (Poaceae: Bambusoideae) using RAD sequencing. <i>Molecular Ecology Resources</i> , 2013, 13, 938-945.	4.8	53
14	Toytree: A minimalist tree visualization and manipulation library for Python. <i>Methods in Ecology and Evolution</i> , 2020, 11, 187-191.	5.2	48
15	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.	5.6	38
16	Restriction-Site-Associated DNA Sequencing Reveals a Cryptic <i>Viburnum</i> Species on the North American Coastal Plain. <i>Systematic Biology</i> , 2019, 68, 187-203.	5.6	36
17	Phylogeny of Hawaiian Melicope (Rutaceae): RAD-seq Resolves Species Relationships and Reveals Ancient Introgression. <i>Frontiers in Plant Science</i> , 2019, 10, 1074.	3.6	35
18	Joint Phylogenetic Estimation of Geographic Movements and Biome Shifts during the Global Diversification of <i>Viburnum</i> . <i>Systematic Biology</i> , 2021, 70, 67-85.	5.6	33

#	ARTICLE	IF	CITATIONS
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.	2.3	30
20	Genome-Wide Assessment of Diversity and Divergence Among Extant Galapagos Giant Tortoise Species. <i>Journal of Heredity</i> , 2018, 109, 611-619.	2.4	22
21	Differences in flowering time maintain species boundaries in a continental radiation of <i>Viburnum</i> . <i>American Journal of Botany</i> , 2019, 106, 833-849.	1.7	19
22	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.	2.7	16
23	Reconciling species diversity in a tropical plant clade (Canarium, Burseraceae). <i>PLoS ONE</i> , 2018, 13, e0198882.	2.5	13
24	Replicated radiation of a plant clade along a cloud forest archipelago. <i>Nature Ecology and Evolution</i> , 2022, 6, 1318-1329.	7.8	11
25	Resolved phylogenetic relationships in the <i>Ocotea</i> complex ( <i>Supraocotea</i> ) facilitate phylogenetic classification and studies of character evolution. <i>American Journal of Botany</i> , 2021, 108, 664-679.	1.7	10
26	Tracking the xeric biomes of South America: The spatiotemporal diversification of Mandacaru cactus. <i>Journal of Biogeography</i> , 2021, 48, 3085-3103.	3.0	10
27	Sterile marginal flowers increase visitation and fruit set in the hobblebush ( <i>Viburnum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	2.9	7
28	Selection on the gametophyte: Modeling alternation of generations in plants. <i>Applications in Plant Sciences</i> , 2022, 10, e11472.	2.1	7
29	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.	4.1	6