

# Christine E Edwards

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

961  
citations

471509

17  
h-index

477307

29  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Variation in Water-Use Efficiency across Water Regimes and Its Relationship with Circadian, Vegetative, Reproductive, and Leaf Gas-Exchange Traits. <i>Molecular Plant</i> , 2012, 5, 653-668.	8.3	74
2	Genetic architecture of the circadian clock and flowering time in <i>Brassica rapa</i> . <i>Theoretical and Applied Genetics</i> , 2011, 123, 397-409.	3.6	61
3	Diversity from genes to ecosystems: A unifying framework to study variation across biological metrics and scales. <i>Evolutionary Applications</i> , 2018, 11, 1176-1193.	3.1	60
4	The Genetic Architecture of Ecophysiological and Circadian Traits in <i>Brassica rapa</i> . <i>Genetics</i> , 2011, 189, 375-390.	2.9	47
5	Stem responses to damage: the evolutionary ecology of <i>Quercus</i> species in contrasting fire regimes. <i>New Phytologist</i> , 2009, 182, 261-271.	7.3	46
6	Phylogenetic relationships in subtribe Scorzonerinae (Asteraceae: Cichorioideae: Cichorieae) based on ITS sequence data. <i>Taxon</i> , 2004, 53, 699-712.	0.7	44
7	Mitochondrial Genome Sequencing and Development of Genetic Markers for the Detection of DNA of Invasive Bighead and Silver Carp ( <i>Hypophthalmichthys nobilis</i> and <i>H. molitrix</i> ) in Environmental Water Samples from the United States. <i>PLoS ONE</i> , 2015, 10, e0117803.	2.5	44
8	Using patterns of genetic structure based on microsatellite loci to test hypotheses of current hybridization, ancient hybridization and incomplete lineage sorting in <i>Conradina</i> (Lamiaceae). <i>Molecular Ecology</i> , 2008, 17, 5157-5174.	3.9	43
9	Modeling development and quantitative trait mapping reveal independent genetic modules for leaf size and shape. <i>New Phytologist</i> , 2015, 208, 257-268.	7.3	41
10	Molecular Phylogeny of <i>Conradina</i> and Other Scrub Mints (Lamiaceae) from the Southeastern USA: Evidence for Hybridization in Pleistocene Refugia?. <i>Systematic Botany</i> , 2006, 31, 193-207.	0.5	38
11	Assembly, Gene Annotation and Marker Development Using 454 Floral Transcriptome Sequences in <i>Ziziphus Celata</i> (Rhamnaceae), a Highly Endangered, Florida Endemic Plant. <i>DNA Research</i> , 2012, 19, 1-9.	3.4	37
12	Selection during crop diversification involves correlated evolution of the circadian clock and ecophysiological traits in <i>Brassica rapa</i> . <i>New Phytologist</i> , 2016, 210, 133-144.	7.3	36
13	The quantitative-genetic and QTL architecture of trait integration and modularity in <i>Brassica rapa</i> across simulated seasonal settings. <i>Heredity</i> , 2011, 106, 661-677.	2.6	35
14	Multifaceted DNA metabarcoding: Validation of a noninvasive, next-generation approach to studying bat populations. <i>Evolutionary Applications</i> , 2018, 11, 1120-1138.	3.1	28
15	Novel microsatellite loci for <i>Agave parryi</i> and cross-amplification in <i>Agave palmeri</i> (Agavaceae). <i>American Journal of Botany</i> , 2012, 99, e295-7.	1.7	23
16	Genetic architecture of life history traits and environment-specific trade-offs. <i>Molecular Ecology</i> , 2011, 20, 4042-4058.	3.9	22
17	Genotypic variation in biomass allocation in response to field drought has a greater effect on yield than gas exchange or phenology. <i>BMC Plant Biology</i> , 2016, 16, 185.	3.6	22
18	Phylogeny of <i>Conradina</i> and Related Southeastern Scrub Mints (Lamiaceae) Based on <i>GapC</i> Gene Sequences. <i>International Journal of Plant Sciences</i> , 2008, 169, 579-594.	1.3	17

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19	A comparison of patterns of genetic structure in two co-occurring <i>Agave</i> species (Asparagaceae) that differ in the patchiness of their geographical distributions and cultivation histories. <i>Botanical Journal of the Linnean Society</i> , 2018, 186, 361-373.	1.6	17
20	Phylogeography and population genetics of introduced Silver Carp ( <i>Hypophthalmichthys molitrix</i> ) and Bighead Carp ( <i>H. nobilis</i> ) in North America. <i>Biological Invasions</i> , 2017, 19, 2789-2811.	2.4	16
21	Patterns of genetic diversity in the rare <i>Erigeron lemmoni</i> and comparison with its more widespread congener, <i>Erigeron arisolius</i> (Asteraceae). <i>Conservation Genetics</i> , 2014, 15, 419-428.	1.5	15
22	Ebony and the Mascarenes: the evolutionary relationships and biogeography of <i>Diospyros</i> (Ebenaceae) in the western Indian Ocean. <i>Botanical Journal of the Linnean Society</i> , 2019, 190, 359-373.	1.6	14
23	Genotypes of <i>Brassica rapa</i> respond differently to plant-induced variation in air CO <sub>2</sub> concentration in growth chambers with standard and enhanced venting. <i>Theoretical and Applied Genetics</i> , 2009, 119, 991-1004.	3.6	13
24	Evaluating the efficacy of sample collection approaches and DNA metabarcoding for identifying the diversity of plants utilized by nectivorous bats. <i>Genome</i> , 2019, 62, 19-29.	2.0	13
25	Using Population Genetic Data as a Tool to Identify New Species: <i>Conradina cygniflora</i> (Lamiaceae), a New, Endangered Species from Florida. <i>Systematic Botany</i> , 2009, 34, 747-759.	0.5	12
26	Analysis of mating system and genetic structure in the endangered, amphicarpic plant, <i>Lewtonia polygala</i> ( <i>Polygala lewtonii</i> ). <i>Conservation Genetics</i> , 2016, 17, 1269-1284.	1.5	12
27	RAD-sequencing reveals patterns of diversification and hybridization, and the accumulation of reproductive isolation in a clade of partially sympatric, tropical island trees. <i>Molecular Ecology</i> , 2021, 30, 4520-4537.	3.9	12
28	A botanical mystery solved by phylogenetic analysis of botanical garden collections: the rediscovery of the presumed-extinct <i>Dracaena umbraculifera</i> . <i>Oryx</i> , 2018, 52, 427-436.	1.0	11
29	Conservation genetics of the threatened plant species <i>Physaria filiformis</i> (Missouri bladderpod) reveals strong genetic structure and a possible cryptic species. <i>PLoS ONE</i> , 2021, 16, e0247586.	2.5	10
30	The evolutionary history of vines in a neotropical biodiversity hotspot: Phylogenomics and biogeography of a large passion flower clade ( <i>Passiflora</i> section <i>Decaloba</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2021, 164, 107260.	2.7	8
31	Isolation and characterization of microsatellite loci from the endangered highlands scrub hypericum ( <i>Hypericum cumulicola</i> ). <i>Molecular Ecology Notes</i> , 2007, 7, 1135-1137.	1.7	7
32	Genome skimming provides new insight into the relationships in <i>Ludwigia</i> section <i>Macrocarpon</i> , a polyploid complex. <i>American Journal of Botany</i> , 2018, 105, 875-887.	1.7	7
33	Genetic monitoring to assess the success of restoring rare plant populations with mixed gene pools. <i>Molecular Ecology</i> , 2020, 29, 4037-4039.	3.9	7
34	The phylogeographic history of a range disjunction in eastern North America: the role of post-glacial expansion into newly suitable habitat. <i>American Journal of Botany</i> , 2021, 108, 1042-1057.	1.7	7
35	Revisiting the comparative phylogeography of unglaciated eastern North America: 15 years of patterns and progress. <i>Ecology and Evolution</i> , 2022, 12, e8827.	1.9	7
36	PERMANENT GENETIC RESOURCES: Isolation, characterization and cross-species amplifications of microsatellite loci from <i>Conradina</i> (Lamiaceae). <i>Molecular Ecology Resources</i> , 2008, 8, 363-366.	4.8	6

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37	Allocation to male vs female floral function varies by currency and responds differentially to density and moisture stress. <i>Heredity</i> , 2017, 119, 349-359.	2.6	6
38	The Development of Plant Conservation in Botanic Gardens and the Current and Future Role of Conservation Genetics for Enhancing Those Conservation Efforts. <i>Molecular Frontiers Journal</i> , 2019, 03, 44-65.	1.1	6
39	Looking to the future of conservation genetics: The case for using quantitative genetic experiments to estimate the ability of rare plants to withstand climate change. <i>American Journal of Botany</i> , 2015, 102, 1011-1013.	1.7	5
40	Complete Plastome Sequence of <i>Ludwigia octovalvis</i> (Onagraceae), a Globally Distributed Wetland Plant. <i>Genome Announcements</i> , 2016, 4, .	0.8	4
41	Population genetic analysis reveals a predominantly selfing mating system and strong genetic structuring in a naturally fragmented, threatened plant. <i>Conservation Genetics</i> , 2019, 20, 1437-1448.	1.5	4
42	The evolutionary assembly of forest communities along environmental gradients: recent diversification or sorting of pre-adapted clades?. <i>New Phytologist</i> , 2021, 232, 2506-2519.	7.3	4
43	Isolation and characterization of microsatellite loci for a hyper-rare cliff endemic, <i>Erigeron lemmonii</i> , and a more widespread congener, <i>Erigeron arisolius</i> (Asteraceae). <i>Conservation Genetics Resources</i> , 2012, 4, 849-852.	0.8	3
44	Strengthening the Link between International Conservation Policy and Plant Conservation Genetics to Achieve More Effective Plant Conservation. <i>Annals of the Missouri Botanical Garden</i> , 2017, 102, 397-407.	1.3	3
45	Interspecific Hybridization and Island Colonization History, not Rarity, Most Strongly Affect the Genetic Diversity in <i>Diospyros</i> a Clade of Mascarene-Endemic Trees. <i>Journal of Heredity</i> , 2022, 113, 336-352.	2.4	3
46	Population Genetic Analysis of the Threatened Plant <i>Leavenworthia exigua</i> var. <i>laciniata</i> (Brassicaceae) Reveals Virtually No Genetic Diversity and a Unique Mating System. <i>Frontiers in Conservation Science</i> , 2022, 3, .	1.9	1
47	Multifaceted DNA Metabarcoding of Guano to Uncover Multiple Classes of Ecological Data in Two Different Bat Communities. <i>Evolutionary Applications</i> , 0, , .	3.1	1
48	Understanding how an amphicarpic species with a mixed mating system responds to fire: a population genetic approach. <i>AoB PLANTS</i> , 2021, 13, plab067.	2.3	0