

Craig F Barrett

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,518
citations

394390

19
h-index

454934

30
g-index

36
all docs

36
docs citations

36
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	ISSRseq: An extensible method for reduced representation sequencing. <i>Methods in Ecology and Evolution</i> , 2022, 13, 668-681.	5.2	9
2	Digitized collections elucidate invasion history and patterns of awn polymorphism in <i>Microstegium vimineum</i> . <i>American Journal of Botany</i> , 2022, 109, 689-705.	1.7	6
3	Genetic, morphological, and niche variation in the widely hybridizing <i>Rhus integrifolia</i> – <i>Rhus ovata</i> species complex. <i>Plant Species Biology</i> , 2021, 36, 17-35.	1.0	1
4	Botany is the root and the future of invasion biology. <i>American Journal of Botany</i> , 2021, 108, 549-552.	1.7	6
5	Integrating Genetics, Morphology, and Fungal Host Specificity in Conservation Studies of a Vulnerable, Selfing, Mycoheterotrophic Orchid (<i>Corallorhiza bentleyi</i> Freudenst.). <i>Castanea</i> , 2021, 86, .	0.1	2
6	Chromosome Level Genome Assembly and Annotation of Highly Invasive Japanese Stiltgrass (<i>Microstegium vimineum</i>). <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	4
7	Ancient Mitochondrial Gene Transfer between Fungi and the Orchids. <i>Molecular Biology and Evolution</i> , 2020, 37, 44-57.	8.9	15
8	Plastid genomes of the North American <i>Rhus integrifolia-ovata</i> complex and phylogenomic implications of inverted repeat structural evolution in <i>Rhus</i> L.. <i>PeerJ</i> , 2020, 8, e9315.	2.0	4
9	Phylogenomics, biogeography and evolution in the American genus <i>Brahea</i> (Arecaceae). <i>Botanical Journal of the Linnean Society</i> , 2019, 190, 242-259.	1.6	14
10	Unprecedented Parallel Photosynthetic Losses in a Heterotrophic Orchid Genus. <i>Molecular Biology and Evolution</i> , 2019, 36, 1884-1901.	8.9	38
11	Ancient Polyploidy and Genome Evolution in Palms. <i>Genome Biology and Evolution</i> , 2019, 11, 1501-1511.	2.5	25
12	Dense intraspecific sampling reveals rapid and independent trajectories of plastome degradation in a heterotrophic orchid complex. <i>New Phytologist</i> , 2018, 218, 1192-1204.	7.3	56
13	Monocot plastid phylogenomics, timeline, net rates of species diversification, the power of multi-gene analyses, and a functional model for the origin of monocots. <i>American Journal of Botany</i> , 2018, 105, 1888-1910.	1.7	161
14	Plastid Genome Degradation in the Endangered, Mycoheterotrophic, North American Orchid <i>Hexalectris warnockii</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 1657-1662.	2.5	24
15	Mitochondrial genome evolution in Alismatales: Size reduction and extensive loss of ribosomal protein genes. <i>PLoS ONE</i> , 2017, 12, e0177606.	2.5	36
16	Plastid genomes reveal support for deep phylogenetic relationships and extensive rate variation among palms and other commelinid monocots. <i>New Phytologist</i> , 2016, 209, 855-870.	7.3	181
17	Phylogenomic analyses of species relationships in the genus <i>Sabal</i> (Arecaceae) using targeted sequence capture. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 106-120.	1.6	99
18	Drastic reduction of plastome size in the mycoheterotrophic <i>Thismia tentaculata</i> relative to that of its autotrophic relative <i>Tacca chantrieri</i> . <i>American Journal of Botany</i> , 2016, 103, 1129-1137.	1.7	33

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19	An introduction to plant phylogenomics with a focus on palms. <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 234-255.	1.6	42
20	Nuclear phylogenomics of the palm subfamily Arecoideae (Arecaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 97, 32-42.	2.7	32
21	Revisiting the Zingiberales: using multiplexed exon capture to resolve ancient and recent phylogenetic splits in a charismatic plant lineage. <i>PeerJ</i> , 2016, 4, e1584.	2.0	72
22	Resolving relationships within the palm subfamily Arecoideae (Arecaceae) using plastid sequences derived from next-generation sequencing. <i>American Journal of Botany</i> , 2015, 102, 888-899.	1.7	31
23	Fungal host utilization helps circumscribe leafless Coralroot orchid species: An integrative analysis of <i>Corallorhiza odontorhiza</i> and <i>C. wisteriana</i> . <i>Taxon</i> , 2014, 63, 759-772.	0.7	9
24	Investigating the Path of Plastid Genome Degradation in an Early-Transitional Clade of Heterotrophic Orchids, and Implications for Heterotrophic Angiosperms. <i>Molecular Biology and Evolution</i> , 2014, 31, 3095-3112.	8.9	156
25	Plastid genomes and deep relationships among the commelinid monocot angiosperms. <i>Cladistics</i> , 2013, 29, 65-87.	3.3	108
26	The plastid genome of the mycoheterotrophic <i>Corallorhiza striata</i> (Orchidaceae) is in the relatively early stages of degradation. <i>American Journal of Botany</i> , 2012, 99, 1513-1523.	1.7	154
27	An integrative approach to delimiting species in a rare but widespread mycoheterotrophic orchid. <i>Molecular Ecology</i> , 2011, 20, 2771-2786.	3.9	75
28	Rangewide analysis of fungal associations in the fully mycoheterotrophic <i>Corallorhiza striata</i> complex (Orchidaceae) reveals extreme specificity on ectomycorrhizal <i>Tomentella</i> (Thelephoraceae) across North America. <i>American Journal of Botany</i> , 2010, 97, 628-643.	1.7	63
29	Patterns of Morphological and Plastid DNA Variation in the <i>Corallorhiza striata</i> Species Complex (Orchidaceae). <i>Systematic Botany</i> , 2009, 34, 496-504.	0.5	21
30	Molecular evolution of <i>rbcl</i> in the mycoheterotrophic coralroot orchids (<i>Corallorhiza</i> Gagnebin.) <i>Tj ETQqO O O rgBT /Qverlock_10 Tf 50 36</i>	2.7	36
31	Lineage and role in integrative taxonomy of a heterotrophic orchid complex. <i>Molecular Ecology</i> , 0, , .	3.9	3