Jerrold I Davis

List of Publications by Year
in descending order

49 papers	3,929 citations	172457 29 h-index	214800 47 g-index
49 all docs	49 docs citations	49 times ranked	3279 citing authors

#	Article	IF	Citations
1	Phylogeny and Subfamilial Classification of the Grasses (Poaceae). Annals of the Missouri Botanical Garden, 2001, 88, 373.	1.3	630
2	A worldwide phylogenetic classification of the Poaceae (Gramineae). Journal of Systematics and Evolution, 2015, 53, 117-137.	3.1	431
3	POLYMORPHIC TAXA, MISSING VALUES AND CLADISTIC ANALYSIS. Cladistics, 1991, 7, 233-241.	3.3	201
4	Plastid genomes reveal support for deep phylogenetic relationships and extensive rate variation among palms and other commelinid monocots. New Phytologist, 2016, 209, 855-870.	7.3	181
5	A Phylogeny of the Monocots, as Inferred from rbcL and atpA Sequence Variation, and a Comparison of Methods for Calculating Jackknife and Bootstrap Values. Systematic Botany, 2004, 29, 467-510.	0.5	173
6	Phylogenetics and character evolution in the grass family (Poaceae): Simultaneous analysis of morphological and Chloroplast DNA restriction site character sets. Botanical Review, The, 1998, 64, 1-85.	3.9	164
7	Monocot plastid phylogenomics, timeline, net rates of species diversification, the power of multiâ€gene analyses, and a functional model for the origin of monocots. American Journal of Botany, 2018, 105, 1888-1910.	1.7	161
8	Data Decisiveness, Data Quality, and Incongruence in Phylogenetic Analysis: An Example From the Monocotyledons Using Mitochondrial atp A Sequences. Systematic Biology, 1998, 47, 282-310.	5.6	157
9	The plastid genome of the mycoheterotrophic <i>Corallorhiza striata</i> (Orchidaceae) is in the relatively early stages of degradation. American Journal of Botany, 2012, 99, 1513-1523.	1.7	154
10	A phylogenomic assessment of ancient polyploidy and genome evolution across the Poales. Genome Biology and Evolution, 2016, 8, evw060.	2.5	117
11	Phylogenetic relationships among Poaceae and related families as inferred from morphology, inversions in the plastid genome, and sequence data from the mitochondrial and plastid genomes. American Journal of Botany, 2003, 90, 93-106.	1.7	111
12	Plastid genomes and deep relationships among the commelinid monocot angiosperms. Cladistics, 2013, 29, 65-87.	3.3	108
13	Phylogenetic structure in the grass family (Poaceae) as inferred from chloroplast DNA restriction site variation. American Journal of Botany, 1993, 80, 1444-1454.	1.7	101
14	Plastid phylogenomics and molecular evolution of Alismatales. Cladistics, 2016, 32, 160-178.	3.3	98
15	Phylogeny of the Celastraceae Inferred from 26S Nuclear Ribosomal DNA, Phytochrome B, rbcL, atpB, and Morphology. Molecular Phylogenetics and Evolution, 2001, 19, 353-366.	2.7	89
16	Phylogeny of the Asparagales based on three plastid and two mitochondrial genes. American Journal of Botany, 2012, 99, 875-889.	1.7	84
17	Resolving ancient radiations: can complete plastid gene sets elucidate deep relationships among the tropical gingers (Zingiberales)?. Annals of Botany, 2014, 113, 119-133.	2.9	84
18	A Phylogenetic Structure for the Monocotyledons, as Inferred from Chloroplast DNA Restriction Site Variation, and a Comparison of Measures of Clade Support. Systematic Botany, 1995, 20, 503.	0.5	77

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19	Plastid phylogenomics of the cool-season grass subfamily: clarification of relationships among early-diverging tribes. AoB PLANTS, 2015, 7, plv046.	2.3	68
20	CHARACTER REMOVAL AS A MEANS FOR ASSESSING STABILITY OF CLADES. Cladistics, 1993, 9, 201-210.	3.3	54
21	Migration of endpoints of two genes relative to boundaries between regions of the plastid genome in the grass family (Poaceae). American Journal of Botany, 2010, 97, 874-892.	1.7	51
22	RNA editing and phylogenetic reconstruction in two monocot mitochondrial genes. Taxon, 2006, 55, 871-886.	0.7	42
23	Isozyme Variation and Species Delimitation in the Puccinellia nuttalliana Complex (Poaceae): An Application of the Phylogenetic Species Concept. Systematic Botany, 1991, 16, 431.	0.5	37
24	Are mitochondrial genes useful for the analysis of monocot relationships?. Taxon, 2006, 55, 857-870.	0.7	37
25	Mitochondrial genome evolution in Alismatales: Size reduction and extensive loss of ribosomal protein genes. PLoS ONE, 2017, 12, e0177606.	2.5	36
26	Phylogenetic Structure in the Grass Family (Poaceae) as Inferred from Chloroplast DNA Restriction Site Variation. American Journal of Botany, 1993, 80, 1444.	1.7	36
27	Phylogenetics, Molecular Variation, and Species Concepts. BioScience, 1996, 46, 502-511.	4.9	35
28	Character-state space versus rate of evolution in phylogenetic inference. Cladistics, 2004, 20, 191-204.	3.3	33
29	Are substitution rates and RNA editing correlated?. BMC Evolutionary Biology, 2010, 10, 349.	3.2	33
30	Drastic reduction of plastome size in the mycoheterotrophic Thismia tentaculata relative to that of its autotrophic relative Tacca chantrieri. American Journal of Botany, 2016, 103, 1129-1137.	1.7	33
31	Resolving relationships within the palm subfamily Arecoideae (Arecaceae) using plastid sequences derived from nextâ€generation sequencing. American Journal of Botany, 2015, 102, 888-899.	1.7	31
32	Phenotypic Plasticity and the Selection of Taxonomic Characters in Puccinellia (Poaceae). Systematic Botany, 1983, 8, 341.	0.5	29
33	Cladistic Characters and Cladogram Stability. Systematic Botany, 1993, 18, 188.	0.5	28
34	Branch support via resampling: an empirical study. Cladistics, 2010, 26, 643-656.	3.3	28
35	Phylogeny of the Alismatales (Monocotyledons) and the relationship of <i><scp>A</scp>corus</i> (<scp>A</scp>corales?). Cladistics, 2016, 32, 141-159.	3.3	28
36	Isozyme variation and species delimitation among diploid populations of the Puccinellia nuttalliana complex (Poaceae) : character fixation and the discovery of phylogenetic species. Taxon, 1993, 42, 585-599.	0.7	26

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37	Phylogeny of the Liliales (Monocotyledons) with special emphasis on data partition congruence and RNA editing. Cladistics, 2013, 29, 274-295.	3.3	26
38	Localized Retroprocessing as a Model of Intron Loss in the Plant Mitochondrial Genome. Genome Biology and Evolution, 2016, 8, 2176-2189.	2.5	26
39	Nomenclatural changes in Lithospermum (Boraginaceae) and related taxa following a reassessment of phylogenetic relationships. Brittonia, 2009, 61, 101-111.	0.2	23
40	Comparative floral development in <i>Lithospermum</i> (Boraginaceae) and implications for the evolution and development of heterostyly. American Journal of Botany, 2012, 99, 797-805.	1.7	19
41	Phylogenetic relationships among Puccinellia and allied genera of Poaceae as inferred from chloroplast DNA restriction site variation. American Journal of Botany, 1994, 81, 119-126.	1.7	15
42	Contrasting patterns of support among plastid genes and genomes for major clades of the monocotyledons. , 0, , 315-349.		10
43	SYSTEMATIC INFERENCES FROM VARIATION IN ISOZYME PROFILES OF ARCTIC AND ALPINE CESPITOSE FESTUCA (POACEAE). American Journal of Botany, 1993, 80, 76-82.	1.7	7
44	Phylogenetic Relationships Among Puccinellia and Allied Genera of Poaceae as Inferred from Chloroplast DNA Restriction Site Variation. American Journal of Botany, 1994, 81, 119.	1.7	5
45	Genetic and environmental contributions to multivariate morphological pattern in Puccinellia (Poaceae). Canadian Journal of Botany, 1988, 66, 2436-2444.	1.1	4
46	GENETIC AND ENVIRONMENTAL DETERMINATION OF LEAF EPIDERMAL ANATOMY IN PUCCINELLIA (POACEAE). American Journal of Botany, 1987, 74, 1744-1749.	1.7	3
47	Introgression in Central American Phytolacca (Phytolaccaceae). American Journal of Botany, 1985, 72, 1944.	1.7	3
48	INTROGRESSION IN CENTRAL AMERICAN PHYTOLACCA (PHYTOLACCACEAE). American Journal of Botany, 1985, 72, 1944-1953.	1.7	2
49	Molecular Variation and the Delimitation of Species. , 1996, , 173-184.		0