

Jerrold I Davis

List of Publications by Year in descending order

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49
papers

3,929
citations

172457

29
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214800

47
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49
docs citations

49
times ranked

3279
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mitochondrial genome evolution in Alismatales: Size reduction and extensive loss of ribosomal protein genes. <i>PLoS ONE</i> , 2017, 12, e0177606.	2.5	36
3	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
4	Localized Retroprocessing as a Model of Intron Loss in the Plant Mitochondrial Genome. <i>Genome Biology and Evolution</i> , 2016, 8, 2176-2189.	2.5	26
5	Plastid phylogenomics and molecular evolution of Alismatales. <i>Cladistics</i> , 2016, 32, 160-178.	3.3	98
6	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
7	A phylogenomic assessment of ancient polyploidy and genome evolution across the Poales. <i>Genome Biology and Evolution</i> , 2016, 8, evw060.	2.5	117
8	Phylogeny of the Alismatales (Monocotyledons) and the relationship of <i>Acorus</i> (<i>Acorales</i> ?). <i>Cladistics</i> , 2016, 32, 141-159.	3.3	28
9	Resolving relationships within the palm subfamily <i>Arecoideae</i> (Arecaceae) using plastid sequences derived from next-generation sequencing. <i>American Journal of Botany</i> , 2015, 102, 888-899.	1.7	31
10	Plastid phylogenomics of the cool-season grass subfamily: clarification of relationships among early-diverging tribes. <i>AoB PLANTS</i> , 2015, 7, plv046.	2.3	68
11	A worldwide phylogenetic classification of the Poaceae (Gramineae). <i>Journal of Systematics and Evolution</i> , 2015, 53, 117-137.	3.1	431
12	Resolving ancient radiations: can complete plastid gene sets elucidate deep relationships among the tropical gingers (Zingiberales)? <i>Annals of Botany</i> , 2014, 113, 119-133.	2.9	84
13	Plastid genomes and deep relationships among the commelinid monocot angiosperms. <i>Cladistics</i> , 2013, 29, 65-87.	3.3	108
14	Phylogeny of the Liliales (Monocotyledons) with special emphasis on data partition congruence and RNA editing. <i>Cladistics</i> , 2013, 29, 274-295.	3.3	26
15	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
16	Phylogeny of the Asparagales based on three plastid and two mitochondrial genes. <i>American Journal of Botany</i> , 2012, 99, 875-889.	1.7	84
17	Comparative floral development in <i>Lithospermum</i> (Boraginaceae) and implications for the evolution and development of heterostyly. <i>American Journal of Botany</i> , 2012, 99, 797-805.	1.7	19
18	Are substitution rates and RNA editing correlated?. <i>BMC Evolutionary Biology</i> , 2010, 10, 349.	3.2	33

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19	Branch support via resampling: an empirical study. <i>Cladistics</i> , 2010, 26, 643-656.	3.3	28
20	Migration of endpoints of two genes relative to boundaries between regions of the plastid genome in the grass family (Poaceae). <i>American Journal of Botany</i> , 2010, 97, 874-892.	1.7	51
21	Nomenclatural changes in <i>Lithospermum</i> (Boraginaceae) and related taxa following a reassessment of phylogenetic relationships. <i>Brittonia</i> , 2009, 61, 101-111.	0.2	23
22	Are mitochondrial genes useful for the analysis of monocot relationships?. <i>Taxon</i> , 2006, 55, 857-870.	0.7	37
23	RNA editing and phylogenetic reconstruction in two monocot mitochondrial genes. <i>Taxon</i> , 2006, 55, 871-886.	0.7	42
24	Character-state space versus rate of evolution in phylogenetic inference. <i>Cladistics</i> , 2004, 20, 191-204.	3.3	33
25	A Phylogeny of the Monocots, as Inferred from <i>rbcl</i> and <i>atpA</i> Sequence Variation, and a Comparison of Methods for Calculating Jackknife and Bootstrap Values. <i>Systematic Botany</i> , 2004, 29, 467-510.	0.5	173
26	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. <i>American Journal of Botany</i> , 2003, 90, 93-106.	1.7	111
27	Phylogeny and Subfamilial Classification of the Grasses (Poaceae). <i>Annals of the Missouri Botanical Garden</i> , 2001, 88, 373.	1.3	630
28	Phylogeny of the Celastraceae Inferred from 26S Nuclear Ribosomal DNA, Phytochrome B, <i>rbcl</i> , <i>atpB</i> , and Morphology. <i>Molecular Phylogenetics and Evolution</i> , 2001, 19, 353-366.	2.7	89
29	Phylogenetics and character evolution in the grass family (Poaceae): Simultaneous analysis of morphological and Chloroplast DNA restriction site character sets. <i>Botanical Review</i> , The, 1998, 64, 1-85.	3.9	164
30	Data Decisiveness, Data Quality, and Incongruence in Phylogenetic Analysis: An Example From the Monocotyledons Using Mitochondrial <i>atp A</i> Sequences. <i>Systematic Biology</i> , 1998, 47, 282-310.	5.6	157
31	Phylogenetics, Molecular Variation, and Species Concepts. <i>BioScience</i> , 1996, 46, 502-511.	4.9	35
32	Molecular Variation and the Delimitation of Species. , 1996, , 173-184.		0
33	A Phylogenetic Structure for the Monocotyledons, as Inferred from Chloroplast DNA Restriction Site Variation, and a Comparison of Measures of Clade Support. <i>Systematic Botany</i> , 1995, 20, 503.	0.5	77
34	Phylogenetic relationships among <i>Puccinellia</i> and allied genera of Poaceae as inferred from chloroplast DNA restriction site variation. <i>American Journal of Botany</i> , 1994, 81, 119-126.	1.7	15
35	Phylogenetic Relationships Among <i>Puccinellia</i> and Allied Genera of Poaceae as Inferred from Chloroplast DNA Restriction Site Variation. <i>American Journal of Botany</i> , 1994, 81, 119.	1.7	5
36	CHARACTER REMOVAL AS A MEANS FOR ASSESSING STABILITY OF CLADES. <i>Cladistics</i> , 1993, 9, 201-210.	3.3	54

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37	Isozyme variation and species delimitation among diploid populations of the <i>Puccinellia nuttalliana</i> complex (Poaceae) : character fixation and the discovery of phylogenetic species. <i>Taxon</i> , 1993, 42, 585-599.	0.7	26
38	Cladistic Characters and Cladogram Stability. <i>Systematic Botany</i> , 1993, 18, 188.	0.5	28
39	SYSTEMATIC INFERENCES FROM VARIATION IN ISOZYME PROFILES OF ARCTIC AND ALPINE CESPITOSE <i>FESTUCA</i> (POACEAE). <i>American Journal of Botany</i> , 1993, 80, 76-82.	1.7	7
40	Phylogenetic structure in the grass family (Poaceae) as inferred from chloroplast DNA restriction site variation. <i>American Journal of Botany</i> , 1993, 80, 1444-1454.	1.7	101
41	Phylogenetic Structure in the Grass Family (Poaceae) as Inferred from Chloroplast DNA Restriction Site Variation. <i>American Journal of Botany</i> , 1993, 80, 1444.	1.7	36
42	Isozyme Variation and Species Delimitation in the <i>Puccinellia nuttalliana</i> Complex (Poaceae): An Application of the Phylogenetic Species Concept. <i>Systematic Botany</i> , 1991, 16, 431.	0.5	37
43	POLYMORPHIC TAXA, MISSING VALUES AND CLADISTIC ANALYSIS. <i>Cladistics</i> , 1991, 7, 233-241.	3.3	201
44	Genetic and environmental contributions to multivariate morphological pattern in <i>Puccinellia</i> (Poaceae). <i>Canadian Journal of Botany</i> , 1988, 66, 2436-2444.	1.1	4
45	GENETIC AND ENVIRONMENTAL DETERMINATION OF LEAF EPIDERMAL ANATOMY IN <i>PUCCINELLIA</i> (POACEAE). <i>American Journal of Botany</i> , 1987, 74, 1744-1749.	1.7	3
46	INTROGRESSION IN CENTRAL AMERICAN PHYTOLACCA (PHYTOLACCACEAE). <i>American Journal of Botany</i> , 1985, 72, 1944-1953.	1.7	2
47	Introgression in Central American <i>Phytolacca</i> (Phytolaccaceae). <i>American Journal of Botany</i> , 1985, 72, 1944.	1.7	3
48	Phenotypic Plasticity and the Selection of Taxonomic Characters in <i>Puccinellia</i> (Poaceae). <i>Systematic Botany</i> , 1983, 8, 341.	0.5	29
49	Contrasting patterns of support among plastid genes and genomes for major clades of the monocotyledons. , 0, , 315-349.		10