

Jerrold I Davis

List of Publications by Year in descending order

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49
papers

3,929
citations

172386

29
h-index

214721

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). <i>Annals of the Missouri Botanical Garden</i> , 2001, 88, 373.	1.3	630
2	A worldwide phylogenetic classification of the Poaceae (Gramineae). <i>Journal of Systematics and Evolution</i> , 2015, 53, 117-137.	1.6	431
3	POLYMORPHIC TAXA, MISSING VALUES AND CLADISTIC ANALYSIS. <i>Cladistics</i> , 1991, 7, 233-241.	1.5	201
4	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.	3.5	181
5	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.	0.2	173
6	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.	1.7	164
7	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.	0.8	161
8	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.	2.7	157
9	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.	0.8	154
10	A phylogenomic assessment of ancient polyploidy and genome evolution across the Poales. <i>Genome Biology and Evolution</i> , 2016, 8, evw060.	1.1	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. <i>American Journal of Botany</i> , 2003, 90, 93-106.	0.8	111
12	Plastid genomes and deep relationships among the commelinid monocot angiosperms. <i>Cladistics</i> , 2013, 29, 65-87.	1.5	108
13	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.	0.8	101
14	Plastid phylogenomics and molecular evolution of Alismatales. <i>Cladistics</i> , 2016, 32, 160-178.	1.5	98
15	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.	1.2	89
16	Phylogeny of the Asparagales based on three plastid and two mitochondrial genes. <i>American Journal of Botany</i> , 2012, 99, 875-889.	0.8	84
17	Resolving ancient radiations: can complete plastid gene sets elucidate deep relationships among the tropical ginger (Zingiberales)? <i>Annals of Botany</i> , 2014, 113, 119-133.	1.4	84
18	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.	0.2	77

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19	Plastid phylogenomics of the cool-season grass subfamily: clarification of relationships among early-diverging tribes. <i>AoB PLANTS</i> , 2015, 7, plv046.	1.2	68
20	CHARACTER REMOVAL AS A MEANS FOR ASSESSING STABILITY OF CLADES. <i>Cladistics</i> , 1993, 9, 201-210.	1.5	54
21	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.	0.8	51
22	RNA editing and phylogenetic reconstruction in two monocot mitochondrial genes. <i>Taxon</i> , 2006, 55, 871-886.	0.4	42
23	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.	0.2	37
24	Are mitochondrial genes useful for the analysis of monocot relationships?. <i>Taxon</i> , 2006, 55, 857-870.	0.4	37
25	Mitochondrial genome evolution in Alismatales: Size reduction and extensive loss of ribosomal protein genes. <i>PLoS ONE</i> , 2017, 12, e0177606.	1.1	36
26	Phylogenetic Structure in the Grass Family (Poaceae) as Inferred from Chloroplast DNA Restriction Site Variation. <i>American Journal of Botany</i> , 1993, 80, 1444.	0.8	36
27	Phylogenetics, Molecular Variation, and Species Concepts. <i>BioScience</i> , 1996, 46, 502-511.	2.2	35
28	Character-state space versus rate of evolution in phylogenetic inference. <i>Cladistics</i> , 2004, 20, 191-204.	1.5	33
29	Are substitution rates and RNA editing correlated?. <i>BMC Evolutionary Biology</i> , 2010, 10, 349.	3.2	33
30	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.	0.8	33
31	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.	0.8	31
32	Phenotypic Plasticity and the Selection of Taxonomic Characters in <i>Puccinellia</i> (Poaceae). <i>Systematic Botany</i> , 1983, 8, 341.	0.2	29
33	Cladistic Characters and Cladogram Stability. <i>Systematic Botany</i> , 1993, 18, 188.	0.2	28
34	Branch support via resampling: an empirical study. <i>Cladistics</i> , 2010, 26, 643-656.	1.5	28
35	Phylogeny of the Alismatales (Monocotyledons) and the relationship of <i>Acorus</i> (<i>Acorales</i> ?). <i>Cladistics</i> , 2016, 32, 141-159.	1.5	28
36	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.	0.4	26

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37	Phylogeny of the Liliales (Monocotyledons) with special emphasis on data partition congruence and RNA editing. <i>Cladistics</i> , 2013, 29, 274-295.	1.5	26
38	Localized Retroprocessing as a Model of Intron Loss in the Plant Mitochondrial Genome. <i>Genome Biology and Evolution</i> , 2016, 8, 2176-2189.	1.1	26
39	Nomenclatural changes in <i>Lithospermum</i> (Boraginaceae) and related taxa following a reassessment of phylogenetic relationships. <i>Brittonia</i> , 2009, 61, 101-111.	0.8	23
40	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.	0.8	19
41	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.	0.8	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 <i>FESTUCA</i> (POACEAE). <i>American Journal of Botany</i> , 1993, 80, 76-82.	0.8	7
44	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.	0.8	5
45	Genetic and environmental contributions to multivariate morphological pattern in <i>Puccinellia</i> (Poaceae). <i>Canadian Journal of Botany</i> , 1988, 66, 2436-2444.	1.2	4
46	GENETIC AND ENVIRONMENTAL DETERMINATION OF LEAF EPIDERMAL ANATOMY IN <i>PUCCINELLIA</i> (POACEAE). <i>American Journal of Botany</i> , 1987, 74, 1744-1749.	0.8	3
47	Introgression in Central American <i>Phytolacca</i> (Phytolaccaceae). <i>American Journal of Botany</i> , 1985, 72, 1944.	0.8	3
48	INTROGRESSION IN CENTRAL AMERICAN <i>PHYTOLACCA</i> (PHYTOLACCACEAE). <i>American Journal of Botany</i> , 1985, 72, 1944-1953.	0.8	2
49	Molecular Variation and the Delimitation of Species. , 1996, , 173-184.		0