

Kenneth G Karol

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,939
citations

279798

23
h-index

265206

42
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42
all docs

42
docs citations

42
times ranked

3357
citing authors

#	ARTICLE	IF	CITATIONS
1	The Selaginella Genome Identifies Genetic Changes Associated with the Evolution of Vascular Plants. <i>Science</i> , 2011, 332, 960-963.	12.6	794
2	The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. <i>Cell</i> , 2018, 174, 448-464.e24.	28.9	420
3	Charophyte algae and land plant origins. <i>Trends in Ecology and Evolution</i> , 2004, 19, 661-666.	8.7	233
4	Phylogeographic relationships among Asian eggplants and new perspectives on eggplant domestication. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 685-701.	2.7	149
5	Complete plastome sequences of <i>Equisetum arvense</i> and <i>Isoetes flaccida</i> : implications for phylogeny and plastid genome evolution of early land plant lineages. <i>BMC Evolutionary Biology</i> , 2010, 10, 321.	3.2	120
6	PHYLOGENY OF THE CONJUGATING GREEN ALGAE (ZYGNEMOPHYCEAE) BASED ON <i>rbcL</i> SEQUENCES. <i>Journal of Phycology</i> , 2000, 36, 747-758.	2.3	105
7	The first complete chloroplast genome sequence of a lycophyte, <i>Huperzia lucidula</i> (Lycopodiaceae). <i>Gene</i> , 2005, 350, 117-128.	2.2	101
8	Chloroplast phylogenomic analyses reveal the deepest-branching lineage of the Chlorophyta, Palmophyllophyceae class. nov.. <i>Scientific Reports</i> , 2016, 6, 25367.	3.3	98
9	Origin and Evolution of the Chloroplast <i>trnK</i> (<i>matK</i>) Intron: A Model for Evolution of Group II Intron RNA Structures. <i>Molecular Biology and Evolution</i> , 2006, 23, 380-391.	8.9	92
10	PHYLOGENY OF THE CONJUGATING GREEN ALGAE BASED ON CHLOROPLAST AND MITOCHONDRIAL NUCLEOTIDE SEQUENCE DATA. <i>Journal of Phycology</i> , 2008, 44, 467-477.	2.3	80
11	Phylogeny of extant genera in the family Characeae (Charales, Charophyceae) based on <i>rbcL</i> sequences and morphology. <i>American Journal of Botany</i> , 1996, 83, 125-131.	1.7	66
12	Chloroplast genome sequence of the moss <i>Tortula ruralis</i> : gene content, polymorphism, and structural arrangement relative to other green plant chloroplast genomes. <i>BMC Genomics</i> , 2010, 11, 143.	2.8	64
13	PHYLOGENY OF THE GENUS COLEOCHAETE (COLEOCHAETALES, CHAROPHYTA) AND RELATED TAXA INFERRED BY ANALYSIS OF THE CHLOROPLAST GENE <i>rbcl 1</i> . <i>Journal of Phycology</i> , 2002, 38, 394-403.	2.3	60
14	USING <i>rbcl</i> SEQUENCES TO TEST HYPOTHESES OF CHLOROPLAST AND THALLUS EVOLUTION IN CONJUGATING GREEN ALGAE (ZYGNEMATALES, CHAROPHYCEAE)1. <i>Journal of Phycology</i> , 1995, 31, 989-995.	2.3	45
15	The Complete Plastid Genome Sequence of <i>Angiopteris evecta</i> (G. Forst.) Hoffm. (Marattiaceae). <i>American Fern Journal</i> , 2007, 97, 95-106.	0.3	44
16	Taxonomic affinities of <i>Physena</i> (Physenaceae) and <i>Asteropeia</i> (Theaceae). <i>Botanical Review</i> , The, 1997, 63, 231-239.	3.9	40
17	Monophyly of Genera and Species of Characeae based on <i>rbcl</i> Sequences, with Special Reference to Australian and European <i>Lychnothamnus barbatus</i> (Characeae: Charophyceae). <i>Australian Journal of Botany</i> , 1999, 47, 361.	0.6	37
18	Phylogeny of <i>N. orthoamericana</i> (<i>T. olypella</i>) (<i>C. charophyceae</i> , <i>C. charophyta</i>) based on plastid DNA sequences with a description of <i>T. olypella ramosissima</i> sp. nov.. <i>Journal of Phycology</i> , 2014, 50, 776-789.	2.3	35

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19	Biology, ecology, and management of starry stonewort (<i>Nitellopsis obtusa</i> ; Characeae): A Red-listed Eurasian green alga invasive in North America. <i>Aquatic Botany</i> , 2018, 148, 15-24.	1.6	35
20	Nucleotide sequence of <i>rbc L</i> and phylogenetic relationships of <i>Setchellanthus caeruleus</i> (Setchellanthaceae). <i>Taxon</i> , 1999, 48, 303-315.	0.7	32
21	Distribution of <i>Nitellopsis obtusa</i> (Characeae) in New York, U.S.A.. <i>Brittonia</i> , 2015, 67, 166-172.	0.2	29
22	PHYLOGENY OF SPIROGYRA AND SIROGONIUM (ZYGNETOPHYCEAE) BASED ON RBCL SEQUENCE DATA1. <i>Journal of Phycology</i> , 2005, 41, 1055-1064.	2.3	26
23	Plastome sequences of an ancient fern lineage reveal remarkable changes in gene content and architecture. <i>American Journal of Botany</i> , 2017, 104, 1008-1018.	1.7	25
24	Order, please! Uncertainty in the ordinal-level classification of Chlorophyceae. <i>PeerJ</i> , 2019, 7, e6899.	2.0	25
25	Organellar phylogenomics inform systematics in the green algal family Hydrodictyaceae (Chlorophyceae) and provide clues to the complex evolutionary history of plastid genomes in the green algal tree of life. <i>American Journal of Botany</i> , 2018, 105, 315-329.	1.7	23
26	Occurrence of <i>matK</i> in a <i>trnK</i> group II intron in charophyte green algae and phylogeny of the Characeae. <i>American Journal of Botany</i> , 2003, 90, 628-633.	1.7	22
27	Untangling climate and water chemistry to predict changes in freshwater macrophyte distributions. <i>Ecology and Evolution</i> , 2018, 8, 2802-2811.	1.9	19
28	A revision of <i>Chara</i> sect. <i>Protochara</i> , comb. et stat. nov. (Characeae: Charophyceae). <i>Australian Systematic Botany</i> , 2014, 27, 23.	0.9	18
29	Discovery of the oldest record of <i>Nitellopsis obtusa</i> (Charophyceae, Charophyta) in North America. <i>Journal of Phycology</i> , 2017, 53, 1106-1108.	2.3	18
30	First discovery of the charophycean green alga <i>Lychnothamnus barbatus</i> (Charophyceae) extant in the New World. <i>American Journal of Botany</i> , 2017, 104, 1108-1116.	1.7	16
31	Phylogeny of <i>Gonatozygon</i> and <i>Genicularia</i> (Gonatozygaceae, Desmidiaceae) based on <i>rbcL</i> sequences. <i>European Journal of Phycology</i> , 1996, 31, 309-313.	2.0	14
32	Plastomes of Bryophytes, Lycophytes and Ferns. <i>Advances in Photosynthesis and Respiration</i> , 2012, , 89-102.	1.0	8
33	Phylogenetic congruence of ribosomal operon and plastid gene sequences for the Characeae with an emphasis on <i>Tolypella</i> (Characeae, Charophyceae). <i>Phycologia</i> , 2017, 56, 230-237.	1.4	8
34	Plastomes of the green algae <i>Hydrodictyon reticulatum</i> and <i>Pediastrum duplex</i> (Sphaeropleales, Chlorophyceae). <i>PeerJ</i> , 2017, 5, e3325.	2.0	8
35	Monoecious <i>Nitella</i> species (Characeae, Charophyta) from south-eastern mainland Australia, including <i>Nitella paludigena</i> sp. nov.. <i>Australian Systematic Botany</i> , 2008, 21, 201.	0.9	6
36	Prediction of starry stonewort (<i>Nitellopsis obtusa</i>) invasion risk in upper Midwest (USA) lakes using ecological niche models. <i>Aquatic Botany</i> , 2018, 151, 43-50.	1.6	6

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37	Global high-throughput genotyping of organellar genomes reveals insights into the origin and spread of invasive starry stonewort (<i>Nitellopsis obtusa</i>). <i>Biological Invasions</i> , 2021, 23, 3471-3482.	2.4	5
38	Oospore dimensions and morphology in North American <i>Tolypella</i> (<i>Charophyceae</i> , <i>Charophyta</i>). <i>Journal of Phycology</i> , 2015, 51, 310-320.	2.3	4
39	New records of the rare North American endemic <i>Chara brittonii</i> (<i>Characeae</i>), with comments on its distribution. <i>Brittonia</i> , 2018, 70, 277-288.	0.2	4
40	Reply to J. Samuels: Taxonomic notes on several wild relatives of <i>Solanum melongena</i> L.. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 306-307.	2.7	2
41	An inventory of the algae (excluding diatoms) of lakes and ponds of Harriman and Bear Mountain State Parks (Rockland and Orange Counties, New York, U.S.A.). <i>Brittonia</i> , 2016, 68, 148-169.	0.2	2
42	Foreword: A Festschrift on the occasion of Dennis Wm. Stevenson's 70th birthday. <i>Botanical Review</i> , The, 2012, 78, 307-309.	3.9	1