

Frederick Keith Barker

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

6,098
citations

159358

30
h-index

149479

56
g-index

61
all docs

61
docs citations

61
times ranked

6650
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014, 346, 1320-1331.	6.0	1,583
2	Phylogeny and diversification of the largest avian radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11040-11045.	3.3	637
3	Genome 10K: A Proposal to Obtain Whole-Genome Sequence for 10,000 Vertebrate Species. <i>Journal of Heredity</i> , 2009, 100, 659-674.	1.0	504
4	The Utility of the Incongruence Length Difference Test. <i>Systematic Biology</i> , 2002, 51, 625-637.	2.7	390
5	A phylogenetic hypothesis for passerine birds: taxonomic and biogeographic implications of an analysis of nuclear DNA sequence data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 295-308.	1.2	341
6	Earth history and the passerine superradiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7916-7925.	3.3	238
7	The Pattern and Timing of Diversification of Philippine Endemic Rodents: Evidence from Mitochondrial and Nuclear Gene Sequences. <i>Systematic Biology</i> , 2006, 55, 73-88.	2.7	192
8	A well-tested set of primers to amplify regions spread across the avian genome. <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 654-660.	1.2	170
9	Phylogenetics and diversification of tanagers (Passeriformes: Thraupidae), the largest radiation of Neotropical songbirds. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 41-77.	1.2	149
10	Going to Extremes: Contrasting Rates of Diversification in a Recent Radiation of New World Passerine Birds. <i>Systematic Biology</i> , 2013, 62, 298-320.	2.7	130
11	A comprehensive multilocus phylogeny for the wood-warblers and a revised classification of the Parulidae (Aves). <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 753-770.	1.2	124
12	New insights into New World biogeography: An integrated view from the phylogeny of blackbirds, cardinals, sparrows, tanagers, warblers, and allies. <i>Auk</i> , 2015, 132, 333-348.	0.7	118
13	THE EARLY DIVERSIFICATION HISTORY OF DIDELPHID MARSUPIALS: A WINDOW INTO SOUTH AMERICA'S "SPLENDID ISOLATION" Evolution; <i>International Journal of Organic Evolution</i> , 2014, 68, 684-695.	1.1	102
14	African endemics span the tree of songbirds (Passeri): molecular systematics of several evolutionary "enigmas". <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 849-858.	1.2	95
15	A Phylogenomic Supertree of Birds. <i>Diversity</i> , 2019, 11, 109.	0.7	93
16	Fifty-Second Supplement to the American Ornithologists' Union check-list of North American Birds. <i>Auk</i> , 2011, 128, 600-613.	0.7	85
17	Temperate origins of long-distance seasonal migration in New World songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12115-12120.	3.3	85
18	Fifty-First Supplement to the American Ornithologists' Union Check-List of North American Birds. <i>Auk</i> , 2010, 127, 726-744.	0.7	82

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19	A comparative study of song form and duetting in neotropical <i>Thryothorus</i> wrens. <i>Behaviour</i> , 2009, 146, 1-43.	0.4	67
20	Monophyly and relationships of wrens (Aves: Troglodytidae): a congruence analysis of heterogeneous mitochondrial and nuclear DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2004, 31, 486-504.	1.2	64
21	Multilocus phylogeny of the avian family Alaudidae (larks) reveals complex morphological evolution, non-monophyletic genera and hidden species diversity. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 1043-1056.	1.2	60
22	Empirical evaluation of partitioning schemes for phylogenetic analyses of mitogenomic data: An avian case study. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 69-79.	1.2	55
23	A comprehensive multilocus assessment of sparrow (Aves: Passerellidae) relationships. <i>Molecular Phylogenetics and Evolution</i> , 2014, 77, 177-182.	1.2	55
24	Molecular data delineate four genera of <i>Thryothorus</i> wrens. <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 750-759.	1.2	52
25	The Impact of Parsimony Weighting Schemes on Inferred Relationships among Toucans and Neotropical Barbets (Aves: Piciformes). <i>Molecular Phylogenetics and Evolution</i> , 2000, 15, 215-234.	1.2	44
26	A new endemic family of New Zealand passerine birds: adding heat to a biodiversity hotspot. <i>Australian Journal of Zoology</i> , 2007, 55, 73.	0.6	44
27	Avifaunal interchange across the Panamanian isthmus: insights from <i>Campylorhynchus</i> wrens. <i>Biological Journal of the Linnean Society</i> , 2007, 90, 687-702.	0.7	40
28	A comprehensive species-level molecular phylogeny of the New World blackbirds (Icteridae). <i>Molecular Phylogenetics and Evolution</i> , 2014, 71, 94-112.	1.2	39
29	Fifty-Fourth Supplement to the American Ornithologists' Union Check-list of North American Birds. <i>Auk</i> , 2013, 130, 558-571.	0.7	33
30	Metrics matter: the effect of parasite richness, intensity and prevalence on the evolution of host migration. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182147.	1.2	33
31	Evolution within the nuthatches (Sittidae: Aves, Passeriformes): molecular phylogeny, biogeography, and ecological perspectives. <i>Journal of Ornithology</i> , 2014, 155, 755-765.	0.5	31
32	ASSESSMENT OF SPECIES LIMITS AMONG YELLOW-BREASTED MEADOWLARKS (<i>STURNELLA</i> SPP.) USING MITOCHONDRIAL AND SEX-LINKED MARKERS. <i>Auk</i> , 2008, 125, 869-879.	0.7	30
33	Mitogenomic data resolve basal relationships among passeriform and passeridan birds. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 313-324.	1.2	30
34	Fifty-third Supplement to the American Ornithologists' Union Check-list of North American Birds. <i>Auk</i> , 2012, 129, 573-588.	0.7	29
35	Phylogenetic methods in natural product research. <i>Natural Product Reports</i> , 2009, 26, 1585.	5.2	25
36	A molecular phylogenetic hypothesis for the manakins (Aves: Pipridae). <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 733-737.	1.2	25

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37	Clarifying the systematics of an enigmatic avian lineage: What is a bombycillid?. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 1036-1040.	1.2	24
38	Fiftieth Supplement to the American Ornithologists' Union <i>Check-list of North American Birds</i>. <i>Auk</i> , 2009, 126, 705-714.	0.7	21
39	Contrasting Evolutionary Dynamics and Information Content of the Avian Mitochondrial Control Region and ND2 Gene. <i>PLoS ONE</i> , 2012, 7, e46403.	1.1	21
40	The origin of finches on Tristan da Cunha and Gough Island, central South Atlantic ocean. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 299-305.	1.2	16
41	Fourfold polyphyly of the genus formerly known as <i>Upucerthia</i> , with notes on the systematics and evolution of the avian subfamily Furnariinae. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 1320-1332.	1.2	15
42	A New Species of Bush-warbler from Bougainville Island and a Monophyletic Origin for Southwest Pacific Cettia. <i>American Museum Novitates</i> , 2006, 3511, 1.	0.2	14
43	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 June 2011â€“31 July 2011. <i>Molecular Ecology Resources</i> , 2011, 11, 1124-1126.	2.2	14
44	Mitochondrial genomes and thousands of ultraconserved elements resolve the taxonomy and historical biogeography of the Euphonia and Chlorophonia finches (Passeriformes: Fringillidae). <i>Auk</i> , 2020, 137, .	0.7	14
45	A revised classification of the Icteridae (Aves) based on DNA sequence data. <i>Zootaxa</i> , 2016, 4093, 285-92.	0.2	13
46	Molecular Phylogenetics of the Wrens and Allies (Passeriformes: Certhioidea), with Comments on the Relationships of <i>Ferminia</i>. <i>American Museum Novitates</i> , 2017, 3887, 1-28.	0.2	13
47	Blood from a turnip: tissue origin of low-coverage shotgun sequencing libraries affects recovery of mitochondrial DNA. <i>Mitochondrial DNA</i> , 2015, 26, 384-388.	0.6	9
48	A COMPLETE SPECIES-LEVEL PHYLOGENY OF THE GRACKLES (<i>QUISCALUS</i> SPP.), INCLUDING THE EXTINCT SLENDER-BILLED GRACKLE, INFERRED FROM MITOCHONDRIAL DNA. <i>Condor</i> , 2008, 110, 718-728.	0.7	8
49	SPECIES STATUS OF THE RED-SHOULDERED BLACKBIRD (<i>AGELAIUS ASSIMILIS</i>): IMPLICATIONS FOR ECOLOGICAL, MORPHOLOGICAL, AND BEHAVIORAL EVOLUTION IN <i>AGELAIUS</i>. <i>Auk</i> , 2008, 125, 87-94.	0.7	8
50	Isolation of 13 polymorphic microsatellite loci for slimy sculpin (<i>Cottus cognatus</i>). <i>Conservation Genetics Resources</i> , 2009, 1, 429-432.	0.4	7
51	Autosomal, sex-linked and mitochondrial loci resolve evolutionary relationships among wrens in the genus <i>Campylorhynchus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 163, 107242.	1.2	5
52	Morphometric Variation and Phylogeographic Structure in <i>Macrotarsomys bastardi</i> (Rodentia). <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 14</i>	0.6	4
53	Range dynamics, rather than convergent selection, explain the mosaic distribution of Red-winged blackbird phenotypes. <i>Ecology and Evolution</i> , 2013, 3, 4910-4924.	0.8	4
54	Big groups attract bad eggs: brood parasitism correlates with but does not cause cooperative breeding. <i>Animal Behaviour</i> , 2017, 133, 47-56.	0.8	3

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55	Sampling Confidence Envelopes of Phylogenetic Trees for Combinability Testing: A Reply to Rodrigo. <i>Systematic Biology</i> , 1999, 48, 596-603.	2.7	2
56	The Yellow-green Bush-tanager is neither a bush-tanager nor a sparrow:
Molecular phylogenetics reveals that <i>Chlorospingus flavovirens</i> is a tanager (Aves: Passeriformes; Thraupidae). <i>Zootaxa</i> , 2016, 4136, 373-81.	0.2	2
57	Fifty-First Supplement to the American Ornithologists' Union Check-List of North American Birds. <i>Auk</i> , 2010, 127, 966-966.	0.7	0
58	Mitochondrial genomes and thousands of ultraconserved elements resolve the taxonomy and historical biogeography of the <i>Euphonia</i> and <i>Chlorophonia</i> finches (Passeriformes: Tj ETQq0 0 0 rgBT, Overlock 10 Tf 50 6		
59	A shift in taste. <i>Science</i> , 2021, 373, 154-155.	6.0	0