

# Daniel Ksepka

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

3,010  
citations

218381

26  
h-index

182168

51  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Best Practices for Justifying Fossil Calibrations. <i>Systematic Biology</i> , 2012, 61, 346-359.	2.7	616
2	Bayesian Total-Evidence Dating Reveals the Recent Crown Radiation of Penguins. <i>Systematic Biology</i> , 2017, 66, syw060.	2.7	255
3	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
4	Fossil Evidence for Evolution of the Shape and Color of Penguin Feathers. <i>Science</i> , 2010, 330, 954-957.	6.0	153
5	Paleogene equatorial penguins challenge the proposed relationship between biogeography, diversity, and Cenozoic climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11545-11550.	3.3	113
6	A Phylogenomic Supertree of Birds. <i>Diversity</i> , 2019, 11, 109.	0.7	93
7	The phylogeny of the living and fossil Sphenisciformes (penguins). <i>Cladistics</i> , 2006, 22, 412-441.	1.5	91
8	The evolution of mammalian brain size. <i>Science Advances</i> , 2021, 7, .	4.7	84
9	Late Cretaceous neornithine from Europe illuminates the origins of crown birds. <i>Nature</i> , 2020, 579, 397-401.	13.7	78
10	Tempo and Pattern of Avian Brain Size Evolution. <i>Current Biology</i> , 2020, 30, 2026-2036.e3.	1.8	72
11	New fossil penguins (Aves, Sphenisciformes) from the Oligocene of New Zealand reveal the skeletal plan of stem penguins. <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 235-254.	0.4	70
12	The Basal Penguin (Aves: Sphenisciformes) <i>Perudyptes devriesi</i> and a Phylogenetic Evaluation of the Penguin Fossil Record. <i>Bulletin of the American Museum of Natural History</i> , 2010, 337, 1-77.	1.2	69
13	Early Paleocene landbird supports rapid phylogenetic and morphological diversification of crown birds after the K-Pg mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8047-8052.	3.3	66
14	The Fossil Calibration Database—A New Resource for Divergence Dating. <i>Systematic Biology</i> , 2015, 64, 853-859.	2.7	54
15	Flight performance of the largest volant bird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10624-10629.	3.3	50
16	Osteology of <i>Icadyptes salasi</i> , a giant penguin from the Eocene of Peru. <i>Journal of Anatomy</i> , 2008, 213, 131-147.	0.9	43
17	Avian Diversification Patterns across the K-Pg Boundary: Influence of Calibrations, Datasets, and Model Misspecification. <i>Annals of the Missouri Botanical Garden</i> , 2015, 100, 300-328.	1.3	43
18	Broken gears in the avian molecular clock: new phylogenetic analyses support stem galliform status for <i>Gallinuloides wyomingensis</i> and rallid affinities for <i>Amitabha urbsinterdictensis</i> . <i>Cladistics</i> , 2009, 25, 173-197.	1.5	42

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19	A new stem parrot from the Green River Formation and the complex evolution of the grasping foot in Pan-Psittaciformes. <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 395-406.	0.4	38
20	Mitogenomes Uncover Extinct Penguin Taxa and Reveal Island Formation as a Key Driver of Speciation. <i>Molecular Biology and Evolution</i> , 2019, 36, 784-797.	3.5	36
21	Combined phylogenetic analysis of a new North American fossil species confirms widespread Eocene distribution for stem rollers (Aves, Coraci). <i>Zoological Journal of the Linnean Society</i> , 0, 157, 586-611.	1.0	35
22	New pelomedusoid turtles from the late Palaeocene Cerrejón Formation of Colombia and their implications for phylogeny and body size evolution. <i>Journal of Systematic Palaeontology</i> , 2012, 10, 313-331.	0.6	35
23	Affinities of <i>Palaeospiza bella</i> and the Phylogeny and Biogeography of Mousebirds (Coliiformes). <i>Auk</i> , 2009, 126, 245-259.	0.7	34
24	Oldest Finch-Beaked Birds Reveal Parallel Ecological Radiations in the Earliest Evolution of Passerines. <i>Current Biology</i> , 2019, 29, 657-663.e1.	1.8	34
25	Stem Parrots (Aves, Halcyornithidae) from the Green River Formation and a Combined Phylogeny of Pan-Psittaciformes. <i>Journal of Paleontology</i> , 2011, 85, 835-852.	0.5	33
26	Multiple cenozoic invasions of Africa by penguins (Aves, Sphenisciformes). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1027-1032.	1.2	32
27	Podargiform Affinities of the Enigmatic <i>Fluvioviridavis platyrhamphus</i> and the Early Diversification of Strisores (Caprimulgiformes + Apodiformes). <i>PLoS ONE</i> , 2011, 6, e26350.	1.1	30
28	Flying rocks and flying clocks: disparity in fossil and molecular dates for birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140677.	1.2	29
29	Endocranial anatomy of Antarctic Eocene stem penguins: implications for sensory system evolution in Sphenisciformes (Aves). <i>Journal of Vertebrate Paleontology</i> , 2015, 35, e981635.	0.4	29
30	New fossil mousebird (Aves: Coliiformes) with feather preservation provides insight into the ecological diversity of an Eocene North American avifauna. <i>Zoological Journal of the Linnean Society</i> , 2010, 160, 685-706.	1.0	28
31	<i>Primobucco mcgrewi</i> (Aves: Coracii) from the Eocene Green River Formation: new anatomical data from the earliest constrained record of stem rollers. <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 215-225.	0.4	27
32	Bone histology in extant and fossil penguins (Aves: Sphenisciformes). <i>Journal of Anatomy</i> , 2015, 227, 611-630.	0.9	27
33	Fossil evidence of wing shape in a stem relative of swifts and hummingbirds (Aves, Pan-Apodiformes). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130580.	1.2	25
34	Fossil penguin (Aves: Sphenisciformes) cranial material from the Eocene of Seymour Island (Antarctica). <i>Historical Biology</i> , 2006, 18, 389-395.	0.7	22
35	Penguin heat-retention structures evolved in a greenhouse Earth. <i>Biology Letters</i> , 2011, 7, 461-464.	1.0	22
36	Osteology and taxonomic revision of <i>Hyphalosaurus</i> (Diapsida: Choristodera) from the Lower Cretaceous of Liaoning, China. <i>Journal of Anatomy</i> , 2008, 212, 747-768.	0.9	20

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37	Redescription and Phylogenetic Position of the Early Miocene Penguin <i>Parapterodytes</i> Antarcticus from Patagonia. <i>American Museum Novitates</i> , 2006, 3525, 1.	0.2	19
38	Redescription of the oldest crown clade penguin: cranial osteology, jaw myology, neuroanatomy, and phylogenetic affinities of <i>Madrynornis mirandus</i> . <i>Journal of Vertebrate Paleontology</i> , 2018, 38, e1445636.	0.4	18
39	New Material of Paleocene-Eocene <i>Pellornis</i> (Aves: Gruiformes) Clarifies the Pattern and Timing of the Extant Gruiform Radiation. <i>Diversity</i> , 2019, 11, 102.	0.7	18
40	High-coverage genomes to elucidate the evolution of penguins. <i>GigaScience</i> , 2019, 8, .	3.3	18
41	Implications of flexible-shelled eggs in a Cretaceous choristoderan reptile. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1235-1239.	1.2	17
42	Ancient crested penguin constrains timing of recruitment into seabird hotspot. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201497.	1.2	17
43	Cranial morphology of an Early Cretaceous <i>Monjurosuchid</i> (Reptilia: Diapsida) from Liaoning Province of China and evolution of the choristoderan palate. <i>Historical Biology</i> , 2007, 19, 215-224.	0.7	10
44	A history of shifting fortunes for African penguins. <i>Zoological Journal of the Linnean Society</i> , 2013, 168, 207-219.	1.0	9
45	Feathered dinosaurs. <i>Current Biology</i> , 2020, 30, R1347-R1353.	1.8	9
46	Quantifying historical trends in the completeness of the fossil record and the contributing factors: an example using Aves. <i>Paleobiology</i> , 2012, 38, 112-125.	1.3	9
47	An avian tarsometatarsus from near the K-T Boundary of New Zealand. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 1224-1227.	0.4	8
48	A giant Oligocene fossil penguin from the North Island of New Zealand. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	0.4	7
49	Fossil grebes from the <i>Turkey Formation</i> (Miocene) of Nevada and a new phylogenetic analysis of <i>Podicipediformes</i> (Aves). <i>Palaeontology</i> , 2013, 56, 1149-1169.	1.0	6
50	Re-evaluating New Zealand's endemic Pliocene penguin genus. <i>New Zealand Journal of Geology, and Geophysics</i> , 2020, 63, 324-330.	1.0	4
51	Evolution: A Rapid Flight towards Birds. <i>Current Biology</i> , 2014, 24, R1052-R1055.	1.8	3
52	Symposium on "Evolving approaches for studying the anatomy of the avian brain": introduction. <i>Journal of Anatomy</i> , 2016, 229, 171-172.	0.9	1
53	The Penguin's Palette: More Than Black and White. <i>American Scientist</i> , 2016, 104, 36.	0.1	1
54	Mystery of the Lost Reptiles. <i>American Scientist</i> , 2018, 106, 222.	0.1	1

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55	Bird Brain Evolution. American Scientist, 2021, 109, 352.	0.1	0
56	Evolution of birds. , 2022, , 83-107.		0