

Kirk R Johnson

List of Publications by Year in descending order

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53
papers

5,089
citations

147801

31
h-index

206112

48
g-index

57
all docs

57
docs citations

57
times ranked

4860
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chicxulub Asteroid Impact and Mass Extinction at the Cretaceous-Paleogene Boundary. <i>Science</i> , 2010, 327, 1214-1218.	12.6	1,140
2	Sensitivity of leaf size and shape to climate: global patterns and paleoclimatic applications. <i>New Phytologist</i> , 2011, 190, 724-739.	7.3	445
3	High Plant Diversity in Eocene South America: Evidence from Patagonia. <i>Science</i> , 2003, 300, 122-125.	12.6	263
4	Impact of the terminal Cretaceous event on plant-insect associations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2061-2066.	7.1	252
5	Correlated terrestrial and marine evidence for global climate changes before mass extinction at the Cretaceous-Paleogene boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 599-604.	7.1	214
6	South American palaeobotany and the origins of neotropical rainforests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 1595-1610.	4.0	212
7	Eocene Plant Diversity at Laguna del Hunco and Río Pichileufú, Patagonia, Argentina. <i>American Naturalist</i> , 2005, 165, 634-650.	2.1	200
8	Decoupled Plant and Insect Diversity After the End-Cretaceous Extinction. <i>Science</i> , 2006, 313, 1112-1115.	12.6	149
9	Timing the Radiations of Leaf Beetles: Hispines on Gingers from Latest Cretaceous to Recent. <i>Science</i> , 2000, 289, 291-294.	12.6	141
10	Land plant extinction at the end of the Cretaceous: a quantitative analysis of the North Dakota megafossil record. <i>Paleobiology</i> , 2004, 30, 347-368.	2.0	135
11	A Paleocene lowland macroflora from Patagonia reveals significantly greater richness than North American analogs. <i>Geology</i> , 2007, 35, 947.	4.4	130
12	A Tropical Rainforest in Colorado 1.4 Million Years After the Cretaceous-Tertiary Boundary. <i>Science</i> , 2002, 296, 2379-2383.	12.6	123
13	Oldest Known Eucalyptus Macrofossils Are from South America. <i>PLoS ONE</i> , 2011, 6, e21084.	2.5	109
14	Fossil leaf economics quantified: calibration, Eocene case study, and implications. <i>Paleobiology</i> , 2007, 33, 574-589.	2.0	107
15	Richness of plant-insect associations in Eocene Patagonia: A legacy for South American biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8944-8948.	7.1	102
16	Habitat-related error in estimating temperatures from leaf margins in a humid tropical forest. <i>American Journal of Botany</i> , 2001, 88, 1096-1102.	1.7	101
17	High-resolution leaf-fossil record spanning the Cretaceous/Tertiary boundary. <i>Nature</i> , 1989, 340, 708-711.	27.8	91
18	<i>Papuacedrus</i> (Cupressaceae) in Eocene Patagonia: A new fossil link to Australasian rainforests. <i>American Journal of Botany</i> , 2009, 96, 2031-2047.	1.7	91

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19	Direct high-precision U ⁴⁰ Pb geochronology of the end-Cretaceous extinction and calibration of Paleocene astronomical timescales. <i>Earth and Planetary Science Letters</i> , 2016, 452, 272-280.	4.4	83
20	First South American <i>Agathis</i> (Araucariaceae), Eocene of Patagonia. <i>American Journal of Botany</i> , 2014, 101, 156-179.	1.7	78
21	Leaf-fossil evidence for extensive floral extinction at the Cretaceous-Tertiary boundary, North Dakota, USA. <i>Cretaceous Research</i> , 1992, 13, 91-117.	1.4	71
22	Intercontinental dispersal of giant thermophilic ants across the Arctic during early Eocene hyperthermals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3679-3686.	2.6	63
23	The Stratigraphy, Sedimentology, and Fossils of the Houghton Formation: A Post-Impact Crater Fill, Devon Island, N.W.T., Canada. <i>Meteoritics</i> , 1988, 23, 221-231.	1.4	60
24	Novel Insect Leaf-Mining after the End-Cretaceous Extinction and the Demise of Cretaceous Leaf Miners, Great Plains, USA. <i>PLoS ONE</i> , 2014, 9, e103542.	2.5	54
25	Megafloral change across the Cretaceous/Tertiary boundary in the northern Great Plains and Rocky Mountains, U.S.A.. <i>Special Paper of the Geological Society of America</i> , 1990, , 433-444.	0.5	43
26	<i>Cobbania corrugata</i> gen. et comb. nov. (Araceae): a floating aquatic monocot from the Upper Cretaceous of western North America. <i>American Journal of Botany</i> , 2007, 94, 609-624.	1.7	42
27	Revision of the Proteaceae Macrofossil Record from Patagonia, Argentina. <i>Botanical Review</i> , The, 2007, 73, 235-266.	3.9	42
28	Odonatan endophytic oviposition from the Eocene of Patagonia: The ichnogenus <i>Paleoovoidus</i> and implications for behavioral stasis. <i>Journal of Paleontology</i> , 2009, 83, 431-447.	0.8	42
29	Plant Ecological Strategies Shift Across the Cretaceous-Paleogene Boundary. <i>PLoS Biology</i> , 2014, 12, e1001949.	5.6	42
30	Megaflora of the Hell Creek and lower Fort Union Formations in the western Dakotas: Vegetational response to climate change, the Cretaceous-Tertiary boundary event, and rapid marine transgression. , 2002, , .		41
31	First record of <i>Todea</i> (Osmundaceae) in South America, from the early Eocene paleorainforests of Laguna del Hunco (Patagonia, Argentina). <i>American Journal of Botany</i> , 2013, 100, 1831-1848.	1.7	40
32	Palynologically calibrated vertebrate record from North Dakota consistent with abrupt dinosaur extinction at the Cretaceous-Tertiary boundary. <i>Geology</i> , 2001, 29, 39.	4.4	36
33	Early Eocene ⁴⁰ Ar/ ³⁹ Ar Age for the Pampa de Jones plant, Frog, and Insect Biota (Huitrera Formation,) Tj ETQq1 1 0.784314 rgBT / Overl	0.7	30
34	Paleoecology of a Late Paleocene (Tiffanian) Megaflora from the Northern Great Divide Basin, Wyoming. <i>Palaios</i> , 1997, 12, 439.	1.3	23
35	Geologic setting and stratigraphy of the Ziegler Reservoir fossil site, Snowmass Village, Colorado. <i>Quaternary Research</i> , 2014, 82, 477-489.	1.7	20
36	High precision U ⁴⁰ Pb zircon geochronology for Cenomanian Dakota Formation floras in Utah. <i>Cretaceous Research</i> , 2015, 52, 213-237.	1.4	20

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37	Multiple Proxy Estimates of Atmospheric CO ₂ From an Early Paleocene Rainforest. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1427-1438.	2.9	20
38	Extinctions at the antipodes. <i>Nature</i> , 1993, 366, 511-512.	27.8	16
39	Response to Cretaceous Extinctions. <i>Science</i> , 2010, 328, 975-976.	12.6	16
40	Summary of the Snowmastodon Project Special Volume: A high-elevation, multi-proxy biotic and environmental record of MIS 6 from the Ziegler Reservoir fossil site, Snowmass Village, Colorado, USA. <i>Quaternary Research</i> , 2014, 82, 618-634.	1.7	16
41	Evaluating Relationships among Floating Aquatic Monocots: A New Species of <i>Cobbania</i> (Araceae) from the Upper Maastrichtian of South Dakota. <i>International Journal of Plant Sciences</i> , 2016, 177, 706-725.	1.3	13
42	Constructing a time scale of biotic recovery across the Cretaceous-Paleogene boundary, Corral Bluffs, Denver Basin, Colorado, U.S.A.. <i>Rocky Mountain Geology</i> , 2019, 54, 133-153.	0.9	12
43	An image dataset of cleared, x-rayed, and fossil leaves vetted to plant family for human and machine learning. <i>PhytoKeys</i> , 2021, 187, 93-128.	1.0	12
44	Insect herbivory on <i>Catula gettyi</i> gen. et sp. nov. (Lauraceae) from the Kaiparowits Formation (Late Tertiary) of the Grand Teton National Park, Wyoming. <i>Journal of Paleontology</i> , 2019, 93, 1000-1009.	2.5	9
45	First cycad seedling foliage from the fossil record and inferences for the Cenozoic evolution of cycads. <i>Biology Letters</i> , 2019, 15, 20190114.	2.3	8
46	No Consistent Shift in Leaf Dry Mass per Area Across the Cretaceous-Paleogene Boundary. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	6
47	Marine Cretaceous-Tertiary boundary section in southwestern South Dakota: Comment and Reply. <i>Geology</i> , 2002, 30, 954.	4.4	5
48	NO LARGE BIAS WITHIN SPECIES BETWEEN THE RECONSTRUCTED AREAS OF COMPLETE AND FRAGMENTED FOSSIL LEAVES. <i>Palaios</i> , 2019, 34, 43-48.	1.3	4
49	Time resolution and the study of Late Cretaceous and Early Tertiary megaflores. <i>Short Courses in Paleontology</i> , 1993, 6, 210-227.	0.2	2
50	The Multi-Stranded Career of Leo J. Hickey. <i>Bulletin of the Peabody Museum of Natural History</i> , 2014, 55, 69-78.	1.1	2
51	Take a Prehistoric Journey at the Denver Museum of Natural History. <i>Rocks and Minerals</i> , 1998, 73, 338-342.	0.1	0
52	PRESENTATION OF THE HARRELL L. STRIMPLE AWARD TO DEAN PEARSON. <i>Journal of Paleontology</i> , 2001, 75, 926-927.	0.8	0
53	Presentation of the Harrell L. Strimple Award to Dean Pearson. <i>Journal of Paleontology</i> , 2001, 75, 926-928.	0.8	0