Kirk R Johnson

List of Publications by Year
in descending order

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	Insect herbivory on Catula gettyi gen. et sp. nov. (Lauraceae) from the Kaiparowits Formation (Late) Tj ETQq1 1 0.784314 rgBT /Overl	2.5	9
2	ï»¿An image dataset of cleared, x-rayed, and fossil leaves vetted to plant family for human and machine learning. PhytoKeys, 2021, 187, 93-128.	1.0	12
3	First cycad seedling foliage from the fossil record and inferences for the Cenozoic evolution of cycads. Biology Letters, 2019, 15, 20190114.	2.3	8
4	NO LARGE BIAS WITHIN SPECIES BETWEEN THE RECONSTRUCTED AREAS OF COMPLETE AND FRAGMENTED FOSSIL LEAVES. Palaios, 2019, 34, 43-48.	1.3	4
5	Constructing a time scale of biotic recovery across the Cretaceousâ€“Paleogene boundary, Corral Bluffs, Denver Basin, Colorado, U.S.A.. Rocky Mountain Geology, 2019, 54, 133-153.	0.9	12
6	Multiple Proxy Estimates of Atmospheric CO₂ From an Early Paleocene Rainforest. Paleoceanography and Paleoclimatology, 2018, 33, 1427-1438.	2.9	20
7	Evaluating Relationships among Floating Aquatic Monocots: A New Species of Cobbania (Araceae) from the Upper Maastrichtian of South Dakota. International Journal of Plant Sciences, 2016, 177, 706-725.	1.3	13
8	Direct high-precision Uâ€“Pb geochronology of the end-Cretaceous extinction and calibration of Paleocene astronomical timescales. Earth and Planetary Science Letters, 2016, 452, 272-280.	4.4	83
9	High precision Uâ€“Pb zircon geochronology for Cenomanian Dakota Formation floras in Utah. Cretaceous Research, 2015, 52, 213-237.	1.4	20
10	Novel Insect Leaf-Mining after the End-Cretaceous Extinction and the Demise of Cretaceous Leaf Miners, Great Plains, USA. PLoS ONE, 2014, 9, e103542.	2.5	54
11	Plant Ecological Strategies Shift Across the Cretaceousâ€“Paleogene Boundary. PLoS Biology, 2014, 12, e1001949.	5.6	42
12	The Multi-Stranded Career of Leo J. Hickey. Bulletin of the Peabody Museum of Natural History, 2014, 55, 69-78.	1.1	2
13	Summary of the Snowmastodon Project Special VolumeA high-elevation, multi-proxy biotic and environmental record of MIS 6â€“4 from the Ziegler Reservoir fossil site, Snowmass Village, Colorado, USA. Quaternary Research, 2014, 82, 618-634.	1.7	16
14	Geologic setting and stratigraphy of the Ziegler Reservoir fossil site, Snowmass Village, Colorado. Quaternary Research, 2014, 82, 477-489.	1.7	20
15	First South American Agathis (Araucariaceae), Eocene of Patagonia. American Journal of Botany, 2014, 101, 156-179.	1.7	78
16	First record of Todea (Osmundaceae) in South America, from the early Eocene paleorainforests of Laguna del Hunco (Patagonia, Argentina). American Journal of Botany, 2013, 100, 1831-1848.	1.7	40
17	Oldest Known Eucalyptus Macrofossils Are from South America. PLoS ONE, 2011, 6, e21084.	2.5	109
18	Sensitivity of leaf size and shape to climate: global patterns and paleoclimatic applications. New Phytologist, 2011, 190, 724-739.	7.3	445

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19	Intercontinental dispersal of giant thermophilic ants across the Arctic during early Eocene hyperthermals. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3679-3686.	2.6	63
20	Responseâ€"Cretaceous Extinctions. Science, 2010, 328, 975-976.	12.6	16
21	Early Eocene40Ar/39Ar Age for the Pampa de Jones plant, Frog, and Insect Biota (Huitrera Formation,) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	30
22	The Chicxulub Asteroid Impact and Mass Extinction at the Cretaceous-Paleogene Boundary. Science, 2010, 327, 1214-1218.	12.6	1,140
23	Papuacedrus(Cupressaceae) in Eocene Patagonia: A new fossil link to Australasian rainforests. American Journal of Botany, 2009, 96, 2031-2047.	1.7	91
24	Odonatan endophytic oviposition from the Eocene of Patagonia: The ichnogenusPaleoovoidusand implications for behavioral stasis. Journal of Paleontology, 2009, 83, 431-447.	0.8	42
25	Cobbania corrugatagen. et comb. nov. (Araceae): a floating aquatic monocot from the Upper Cretaceous of western North America. American Journal of Botany, 2007, 94, 609-624.	1.7	42
26	Fossil leaf economics quantified: calibration, Eocene case study, and implications. Paleobiology, 2007, 33, 574-589.	2.0	107
27	A Paleocene lowland macroflora from Patagonia reveals significantly greater richness than North American analogs. Geology, 2007, 35, 947.	4.4	130
28	Revision of the Proteaceae Macrofossil Record from Patagonia, Argentina. Botanical Review, The, 2007, 73, 235-266.	3.9	42
29	Decoupled Plant and Insect Diversity After the End-Cretaceous Extinction. Science, 2006, 313, 1112-1115.	12.6	149
30	Richness of plant-insect associations in Eocene Patagonia: A legacy for South American biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8944-8948.	7.1	102
31	Eocene Plant Diversity at Laguna del Hunco and RÃo PichileufÃº, Patagonia, Argentina. American Naturalist, 2005, 165, 634-650.	2.1	200
32	Land plant extinction at the end of the Cretaceous: a quantitative analysis of the North Dakota megafloral record. Paleobiology, 2004, 30, 347-368.	2.0	135
33	South American palaeobotany and the origins of neotropical rainforests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 1595-1610.	4.0	212
34	High Plant Diversity in Eocene South America: Evidence from Patagonia. Science, 2003, 300, 122-125.	12.6	263
35	Correlated terrestrial and marine evidence for global climate changes before mass extinction at the Cretaceous-Paleogene boundary. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 599-604.	7.1	214
36	Marine Cretaceous-Tertiary boundary section in southwestern South Dakota: Comment and Reply. Geology, 2002, 30, 954.	4.4	5

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37	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
38	A Tropical Rainforest in Colorado 1.4 Million Years After the Cretaceous-Tertiary Boundary. Science, 2002, 296, 2379-2383.	12.6	123
39	Impact of the terminal Cretaceous event on plant-insect associations. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2061-2066.	7.1	252
40	Habitat-related error in estimating temperatures from leaf margins in a humid tropical forest. American Journal of Botany, 2001, 88, 1096-1102.	1.7	101
41	PRESENTATION OF THE HARRELL L. STRIMPLE AWARD TO DEAN PEARSON. Journal of Paleontology, 2001, 75, 926-927.	0.8	0
42	Palynologically calibrated vertebrate record from North Dakota consistent with abrupt dinosaur extinction at the Cretaceous-Tertiary boundary. Geology, 2001, 29, 39.	4.4	36
43	Presentation of the Harrell L. Strimple Award to Dean Pearson. Journal of Paleontology, 2001, 75, 926-928.	0.8	0
44	Timing the Radiations of Leaf Beetles: Hispines on Gingers from Latest Cretaceous to Recent. Science, 2000, 289, 291-294.	12.6	141
45	Take a Prehistoric Journey at the Denver Museum of Natural History. Rocks and Minerals, 1998, 73, 338-342.	0.1	0
46	Paleoecology of a Late Paleocene (Tiffanian) Megaflora from the Northern Great Divide Basin, Wyoming. Palaios, 1997, 12, 439.	1.3	23
47	Extinctions at the antipodes. Nature, 1993, 366, 511-512.	27.8	16
48	Time resolution and the study of Late Cretaceous and Early Tertiary megafloras. Short Courses in Paleontology, 1993, 6, 210-227.	0.2	2
49	Leaf-fossil evidence for extensive floral extinction at the Cretaceous-Tertiary boundary, North Dakota, USA. Cretaceous Research, 1992, 13, 91-117.	1.4	71
50	Megafloral change across the Cretaceous/Tertiary boundary in the northern Great Plains and Rocky Mountains, U.S.A.. Special Paper of the Geological Society of America, 1990, , 433-444.	0.5	43
51	High-resolution leaf-fossil record spanning the Cretaceous/Tertiary boundary. Nature, 1989, 340, 708-711.	27.8	91
52	The Stratigraphy, Sedimentology, and Fossils of the Haughton Formation: A Postâ€Impact Craterâ€Fill, Devon Island, N.W.T., Canada. Meteoritics, 1988, 23, 221-231.	1.4	60
53	No Consistent Shift in Leaf Dry Mass per Area Across the Cretaceousâ€"Paleogene Boundary. Frontiers in Plant Science, 0, 13, .	3.6	6