Steve C Wang

List of Publications by Year
in descending order

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41 papers	2,608 citations	279487 23 h-index	301761 39 g-index
43 all docs	43 docs citations	43 times ranked	2354 citing authors

#	Article	IF	Citations
1	Origination, extinction, and mass depletions of marine diversity. Paleobiology, 2004, 30, 522-542.	1.3	393
2	Two-phase increase in the maximum size of life over 3.5 billion years reflects biological innovation and environmental opportunity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 24-27.	3.3	260
3	Gradual Assembly of Avian Body Plan Culminated in Rapid Rates of Evolution across the Dinosaur-Bird Transition. Current Biology, 2014, 24, 2386-2392.	1.8	222
4	Insulin Resistance in the Sisters of Women with Polycystic Ovary Syndrome: Association with Hyperandrogenemia Rather Than Menstrual Irregularity. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2128-2133.	1.8	183
5	Copeâ€™s rule in the evolution of marine animals. Science, 2015, 347, 867-870.	6.0	150
6	Elevated Dehydroepiandrosterone Sulfate Levels as the Reproductive Phenotype in the Brothers of Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2134-2138.	1.8	134
7	Trophic network models explain instability of Early Triassic terrestrial communities. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2077-2086.	1.2	117
8	Estimating the diversity of dinosaurs. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13601-13605.	3.3	111
9	The evolutionary consequences of oxygenic photosynthesis: a body size perspective. Photosynthesis Research, 2011, 107, 37-57.	1.6	107
10	IDENTIFYING HETEROGENEITY IN RATES OF MORPHOLOGICAL EVOLUTION: DISCRETE CHARACTER CHANGE IN THE EVOLUTION OF LUNGFISH (SARCOPTERYGII; DIPNOI). Evolution; International Journal of Organic Evolution, 2012, 66, 330-348.	1.1	102
11	The Red Queen revisited: reevaluating the age selectivity of Phanerozoic marine genus extinctions. Paleobiology, 2008, 34, 318-341.	1.3	73
12	Body Size Evolution Across the Geozoic. Annual Review of Earth and Planetary Sciences, 2016, 44, 523-553.	4.6	64
13	Macroevolutionary patterns in the evolutionary radiation of archosaurs (Tetrapoda: Diapsida). Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2010, 101, 367-382.	0.3	62
14	Improved confidence intervals for estimating the position of a mass extinction boundary. Paleobiology, 2004, 30, 5-18.	1.3	47
15	Within- and among-genus components of size evolution during mass extinction, recovery, and background intervals: a case study of Late Permian through Late Triassic foraminifera. Paleobiology, 2012, 38, 627-643.	1.3	41
16	On the continuity of background and mass extinction. Paleobiology, 2003, 29, 455-467.	1.3	40
17	QUANTIFYING PASSIVE AND DRIVEN LARGE-SCALE EVOLUTIONARY TRENDS. Evolution; International Journal of Organic Evolution, 2001, 55, 849.	1.1	38
18	Estimating times of extinction in the fossil record. Biology Letters, 2016, 12, 20150989.	1.0	38

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19	Comparative size evolution of marine clades from the Late Permian through Middle Triassic. Paleobiology, 2016, 42, 127-142.	1.3	35
20	Hierarchical complexity and the size limits of life. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171039.	1.2	34
21	A global ecological signal of extinction risk in terrestrial vertebrates. Conservation Biology, 2022, 36, .	2.4	33
22	Confidence intervals for pulsed mass extinction events. Paleobiology, 2007, 33, 324-336.	1.3	30
23	Statistical estimates of hominin origination and extinction dates: A case study examining the Australopithecus anamensisâ€“afarensis lineage. Journal of Human Evolution, 2020, 138, 102688.	1.3	27
24	Adjusting global extinction rates to account for taxonomic susceptibility. Paleobiology, 2008, 34, 434-455.	1.3	25
25	Adaptive credible intervals on stratigraphic ranges when recovery potential is unknown. Paleobiology, 2016, 42, 240-256.	1.3	20
26	A framework for the integrated analysis of the magnitude, selectivity, and biotic effects of extinction and origination. Paleobiology, 2020, 46, 1-22.	1.3	20
27	A SHIFT IN THE LONG-TERM MODE OF FORAMINIFERAN SIZE EVOLUTION CAUSED BY THE END-PERMIAN MASS EXTINCTION. Evolution; International Journal of Organic Evolution, 2013, 67, 816-827.	1.1	17
28	Confidence intervals for the duration of a mass extinction. Paleobiology, 2012, 38, 265-277.	1.3	13
29	Optimal estimators of the position of a mass extinction when recovery potential is uniform. Paleobiology, 2009, 35, 447-459.	1.3	12
30	A quantitative formulation of biology's first law. Evolution; International Journal of Organic Evolution, 2019, 73, 1101-1115.	1.1	12
31	Accounting for unequal variances in evolutionary trend mechanisms. Paleobiology, 2005, 31, 191-198.	1.3	11
32	Do Bony Orbit Dimensions Predict Diel Activity Pattern in Sciurid Rodents?. Anatomical Record, 2018, 301, 1774-1787.	0.8	10
33	SOME PROBLEMS WITH ASSESSING COPE'S RULE. Evolution; International Journal of Organic Evolution, 2008, 62, ???-???.	1.1	8
34	THE GEOZOIC SUPEREON. Palaios, 2011, 26, 251-255.	0.6	5
35	Principles of Statistical Inference: Likelihood and the Bayesian Paradigm. The Paleontological Society Papers, 2010, 16, 1-18.	0.8	2
36	Estimating the number of pulses in a mass extinction. Paleobiology, 2018, 44, 199-218.	1.3	2

#	Article	IF	Citations
37	Teaching Statistical Thinking Using the Baseball Hall of Fame. Chance, 2007, 20, 25-31.	0.1	1
38	QUANTIFYING PASSIVE AND DRIVEN LARGE-SCALE EVOLUTIONARY TRENDS. Evolution; International Journal of Organic Evolution, 2007, 55, 849-858.	1.1	1
39	On fossil recovery potential in the Australopithecus anamensisâ€“Australopithecus afarensis lineage: A reply to. Journal of Human Evolution, 2021, 157, 103025.	1.3	1
40	ESSAYS ON SCIENCE AND SOCIETY: In Search of Einstein's Genius. Science, 2000, 289, 1477-1477.	6.0	0
41	Regression and Classification Trees are Powerful and Intuitive Analytical Methods for Complex Datasets in Paleontology. The Paleontological Society Special Publications, 2014, 13, 56-56.	0.0	0