

# Steve C Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

1,944  
citations

21  
h-index

41  
g-index

41  
ext. papers

2,229  
ext. citations

5.4  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
40	Origination, extinction, and mass depletions of marine diversity. <i>Paleobiology</i> , <b>2004</b> , 30, 522-542	2.6	327
39	Two-phase increase in the maximum size of life over 3.5 billion years reflects biological innovation and environmental opportunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 24-7	11.5	192
38	Gradual assembly of avian body plan culminated in rapid rates of evolution across the dinosaur-bird transition. <i>Current Biology</i> , <b>2014</b> , 24, 2386-92	6.3	179
37	Insulin resistance in the sisters of women with polycystic ovary syndrome: association with hyperandrogenemia rather than menstrual irregularity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 2128-33	5.6	153
36	Elevated dehydroepiandrosterone sulfate levels as the reproductive phenotype in the brothers of women with polycystic ovary syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2002</b> , 87, 2134-8	5.6	117
35	Animal evolution. Cope's rule in the evolution of marine animals. <i>Science</i> , <b>2015</b> , 347, 867-70	33.3	101
34	Trophic network models explain instability of Early Triassic terrestrial communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 2077-86	4.4	95
33	Estimating the diversity of dinosaurs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 13601-5	11.5	90
32	The evolutionary consequences of oxygenic photosynthesis: a body size perspective. <i>Photosynthesis Research</i> , <b>2011</b> , 107, 37-57	3.7	88
31	Identifying heterogeneity in rates of morphological evolution: discrete character change in the evolution of lungfish (Sarcopterygii; Dipnoi). <i>Evolution; International Journal of Organic Evolution</i> , <b>2012</b> , 66, 330-48	3.8	78
30	The Red Queen revisited: reevaluating the age selectivity of Phanerozoic marine genus extinctions. <i>Paleobiology</i> , <b>2008</b> , 34, 318-341	2.6	60
29	Macroevolutionary patterns in the evolutionary radiation of archosaurs (Tetrapoda: Diapsida). <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , <b>2010</b> , 101, 367-382	0.9	47
28	Improved confidence intervals for estimating the position of a mass extinction boundary. <i>Paleobiology</i> , <b>2004</b> , 30, 5-18	2.6	42
27	Body Size Evolution Across the Geozoic. <i>Annual Review of Earth and Planetary Sciences</i> , <b>2016</b> , 44, 523-553	5.3	40
26	On the continuity of background and mass extinction. <i>Paleobiology</i> , <b>2003</b> , 29, 455-467	2.6	34
25	Quantifying passive and driven large-scale evolutionary trends. <i>Evolution; International Journal of Organic Evolution</i> , <b>2001</b> , 55, 849-58	3.8	34
24	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. <i>Paleobiology</i> , <b>2012</b> , 38, 627-643	2.6	31

23	Comparative size evolution of marine clades from the Late Permian through Middle Triassic. <i>Paleobiology</i> , <b>2016</b> , 42, 127-142	2.6	28
22	Confidence intervals for pulsed mass extinction events. <i>Paleobiology</i> , <b>2007</b> , 33, 324-336	2.6	27
21	Estimating times of extinction in the fossil record. <i>Biology Letters</i> , <b>2016</b> , 12,	3.6	27
20	Hierarchical complexity and the size limits of life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	22
19	Adjusting global extinction rates to account for taxonomic susceptibility. <i>Paleobiology</i> , <b>2008</b> , 34, 434-455.	2.6	19
18	A shift in the long-term mode of foraminiferan size evolution caused by the end-Permian mass extinction. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 816-27	3.8	15
17	Statistical estimates of hominin origination and extinction dates: A case study examining the Australopithecus anamensis-afarensis lineage. <i>Journal of Human Evolution</i> , <b>2020</b> , 138, 102688	3.1	13
16	Adaptive credible intervals on stratigraphic ranges when recovery potential is unknown. <i>Paleobiology</i> , <b>2016</b> , 42, 240-256	2.6	13
15	Confidence intervals for the duration of a mass extinction. <i>Paleobiology</i> , <b>2012</b> , 38, 265-277	2.6	12
14	Optimal estimators of the position of a mass extinction when recovery potential is uniform. <i>Paleobiology</i> , <b>2009</b> , 35, 447-459	2.6	11
13	Accounting for unequal variances in evolutionary trend mechanisms. <i>Paleobiology</i> , <b>2005</b> , 31, 191-198	2.6	11
12	Some problems with assessing Copeland Rule. <i>Evolution; International Journal of Organic Evolution</i> , <b>2008</b> , 62, 2092-6	3.8	8
11	A quantitative formulation of biology's first law. <i>Evolution; International Journal of Organic Evolution</i> , <b>2019</b> , 73, 1101-1115	3.8	6
10	A framework for the integrated analysis of the magnitude, selectivity, and biotic effects of extinction and origination. <i>Paleobiology</i> , <b>2020</b> , 46, 1-22	2.6	6
9	THE GEOZOIC SUPEREON. <i>Palaios</i> , <b>2011</b> , 26, 251-255	1.6	4
8	Do Bony Orbit Dimensions Predict Diel Activity Pattern in Sciurid Rodents?. <i>Anatomical Record</i> , <b>2018</b> , 301, 1774-1787	2.1	4
7	Principles of Statistical Inference: Likelihood and the Bayesian Paradigm. <i>The Paleontological Society Papers</i> , <b>2010</b> , 16, 1-18		2
6	Estimating the number of pulses in a mass extinction. <i>Paleobiology</i> , <b>2018</b> , 44, 199-218	2.6	1

5	QUANTIFYING PASSIVE AND DRIVEN LARGE-SCALE EVOLUTIONARY TRENDS. <i>Evolution; International Journal of Organic Evolution</i> , <b>2007</b> , 55, 849-858	3.8	1
4	Teaching Statistical Thinking Using the Baseball Hall of Fame. <i>Chance</i> , <b>2007</b> , 20, 25-31	1	1
3	On fossil recovery potential in the Australopithecus anamensis-Australopithecus afarensis lineage: A reply to. <i>Journal of Human Evolution</i> , <b>2021</b> , 157, 103025	3.1	0
2	Regression and Classification Trees are Powerful and Intuitive Analytical Methods for Complex Datasets in Paleontology. <i>The Paleontological Society Special Publications</i> , <b>2014</b> , 13, 56-56		
1	ESSAYS ON SCIENCE AND SOCIETY: In Search of Einstein's Genius. <i>Science</i> , <b>2000</b> , 289, 1477	33.3	