

Steven M Stanley

List of Publications by Year in descending order

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18
papers

2,865
citations

471061

17
h-index

839053

18
g-index

19
all docs

19
docs citations

19
times ranked

2252
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence that more than a third of Paleozoic articulate brachiopod genera (Strophomenata) lived infaunally. <i>Paleobiology</i> , 2020, 46, 405-433.	1.3	5
2	Estimates of the magnitudes of major marine mass extinctions in earth history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6325-E6334.	3.3	221
3	Relation of Phanerozoic stable isotope excursions to climate, bacterial metabolism, and major extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19185-19189.	3.3	61
4	Evidence from ammonoids and conodonts for multiple Early Triassic mass extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15264-15267.	3.3	149
5	Effects of Global Seawater Chemistry on Biomineralization: Past, Present, and Future. <i>Chemical Reviews</i> , 2008, 108, 4483-4498.	23.0	70
6	Predation defeats competition on the seafloor. <i>Paleobiology</i> , 2008, 34, 1-21.	1.3	114
7	An Analysis of the History of Marine Animal Diversity. <i>Paleobiology</i> , 2007, 33, 1-55.	1.3	70
8	Memoir 4: An Analysis of the History of Marine Animal Diversity. <i>Paleobiology</i> , 2007, 33, 1-55.	1.3	145
9	Influence of seawater chemistry on biomineralization throughout phanerozoic time: Paleontological and experimental evidence. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 232, 214-236.	1.0	167
10	Scleractinian corals produce calcite, and grow more slowly, in artificial Cretaceous seawater. <i>Geology</i> , 2006, 34, 525.	2.0	92
11	Seawater chemistry, coccolithophore population growth, and the origin of Cretaceous chalk. <i>Geology</i> , 2005, 33, 593.	2.0	95
12	Depressed rates of origination and extinction during the late Paleozoic ice age: A new state for the global marine ecosystem. <i>Geology</i> , 2003, 31, 877.	2.0	116
13	Nonlinear partial differential equations and applications: From the Cover: Low-magnesium calcite produced by coralline algae in seawater of Late Cretaceous composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15323-15326.	3.3	130
14	Secular oscillations in the carbonate mineralogy of reef-building and sediment-producing organisms driven by tectonically forced shifts in seawater chemistry. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 144, 3-19.	1.0	699
15	Temperature and biotic crises in the marine realm. <i>Geology</i> , 1984, 12, 205.	2.0	106
16	Infaunal survival: alternative functions of shell ornamentation in the Bivalvia (Mollusca). <i>Paleobiology</i> , 1981, 7, 384-393.	1.3	69
17	Chapter 7 Trends, Rates, and Patterns of Evolution in the Bivalvia. <i>Developments in Palaeontology and Stratigraphy</i> , 1977, 5, 209-250.	0.1	71
18	Relation of Shell Form to Life Habits of the Bivalvia (Mollusca). <i>Memoir of the Geological Society of America</i> , 1970, , 1-282.	0.5	485