

Philip M Novack-Gottshall

List of Publications by Citations

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22
papers

1,147
citations

13
h-index

23
g-index

23
ext. papers

1,284
ext. citations

5
avg, IF

4.12
L-index

#	Paper	IF	Citations
22	Effects of sampling standardization on estimates of Phanerozoic marine diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 6261-6	11.5	375
21	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> , 2009 , 106, 24-7	11.5	192
20	The multidimensionality of the niche reveals functional diversity changes in benthic marine biotas across geological time. <i>Ecology Letters</i> , 2011 , 14, 561-8	10	139
19	The evolutionary consequences of oxygenic photosynthesis: a body size perspective. <i>Photosynthesis Research</i> , 2011 , 107, 37-57	3.7	88
18	Scale-dependence of Cope's rule in body size evolution of Paleozoic brachiopods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5430-4	11.5	56
17	Using a theoretical ecospace to quantify the ecological diversity of Paleozoic and modern marine biotas. <i>Paleobiology</i> , 2007 , 33, 273-294	2.6	55
16	Comparative geographic and environmental diversity dynamics of gastropods and bivalves during the Ordovician Radiation. <i>Paleobiology</i> , 2003 , 29, 576-604	2.6	41
15	Body Size Evolution Across the Geozoic. <i>Annual Review of Earth and Planetary Sciences</i> , 2016 , 44, 523-553	5.3	40
14	Ecosystem-wide body-size trends in Cambrian-Devonian marine invertebrate lineages. <i>Paleobiology</i> , 2008 , 34, 210-228	2.6	34
13	Using Simple Body-Size Metrics to Estimate Fossil Body Volume: Empirical Validation Using Diverse Paleozoic Invertebrates. <i>Palaios</i> , 2008 , 23, 163-173	1.6	30
12	CRITICAL ISSUES OF SCALE IN PALEOECOLOGY. <i>Palaios</i> , 2009 , 24, 1-4	1.6	28
11	Hierarchical complexity and the size limits of life. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	22
10	Modelling the ecological-functional diversification of marine Metazoa on geological time scales. <i>Biology Letters</i> , 2012 , 8, 151-5	3.6	17
9	General models of ecological diversification. II. Simulations and empirical applications. <i>Paleobiology</i> , 2016 , 42, 209-239	2.6	7
8	A Lack of Attribution: Closing the Citation Gap Through a Reform of Citation and Indexing Practices. <i>Taxon</i> , 2012 , 61, 1349-1351	0.8	6
7	General models of ecological diversification. I. Conceptual synthesis. <i>Paleobiology</i> , 2016 , 42, 185-208	2.6	6
6	THE GEOZOIC SUPEREON. <i>Palaios</i> , 2011 , 26, 251-255	1.6	4

5	Love, not war, drove the Mesozoic marine revolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14471-14473	11.5	4
4	Morphometrics Indicates Giant Ordovician Macluritid Gastropods Switched Life Habit During Ontogeny. <i>Journal of Paleontology</i> , 2014 , 88, 1050-1055	1.1	1
3	Untangling ecological complexity: The macroscopic perspective, by B.A. Maurer. <i>Complexity</i> , 2000 , 6, 58-59	1.6	1
2	Correcting a 135-year error: Limulidae Leach, 1819 (Chelicerata, Xiphosura) is the proper authority, not Limulidae Zittel, 1885. <i>Journal of Paleontology</i> , 2021 , 95, 886-887	1.1	0
1	Morphometrics indicates giant Ordovician macluritid gastropods switched life habit during ontogeny. <i>Journal of Paleontology</i> , 2014 , 88, 1050-1055	1.1	