

David Jablonski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1994841/publications.pdf>

Version: 2024-02-01

72
papers

7,387
citations

50276

46
h-index

91884

69
g-index

73
all docs

73
docs citations

73
times ranked

5780
citing authors

#	ARTICLE	IF	CITATIONS
1	Out of the Tropics: Evolutionary Dynamics of the Latitudinal Diversity Gradient. <i>Science</i> , 2006, 314, 102-106.	12.6	704
2	LARVAL ECOLOGY OF MARINE BENTHIC INVERTEBRATES: PALEOBIOLOGICAL IMPLICATIONS. <i>Biological Reviews</i> , 1983, 58, 21-89.	10.4	507
3	The dynamics of evolutionary stasis. <i>Paleobiology</i> , 2005, 31, 133-145.	2.0	308
4	Species Selection: Theory and Data. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2008, 39, 501-524.	8.3	296
5	Mass extinctions and macroevolution. <i>Paleobiology</i> , 2005, 31, 192-210.	2.0	236
6	Body-size evolution in Cretaceous molluscs and the status of Cope's rule. <i>Nature</i> , 1997, 385, 250-252.	27.8	232
7	Selectivity of end-Cretaceous marine bivalve extinctions. <i>Science</i> , 1995, 268, 389-391.	12.6	224
8	The tropics as a source of evolutionary novelty through geological time. <i>Nature</i> , 1993, 364, 142-144.	27.8	216
9	BIOTIC INTERACTIONS AND MACROEVOLUTION: EXTENSIONS AND MISMATCHES ACROSS SCALES AND LEVELS. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 715-739.	2.3	200
10	Scales of climatic variability and time averaging in Pleistocene biotas: implications for ecology and evolution. <i>Trends in Ecology and Evolution</i> , 1996, 11, 458-463.	8.7	196
11	Paleoenvironmental Patterns in the Evolution of Post-Paleozoic Benthic Marine Invertebrates. <i>Palaios</i> , 1988, 3, 540.	1.3	195
12	Out of the tropics, but how? Fossils, bridge species, and thermal ranges in the dynamics of the marine latitudinal diversity gradient. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10487-10494.	7.1	176
13	Survival without recovery after mass extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 8139-8144.	7.1	171
14	Extinction and the spatial dynamics of biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11528-11535.	7.1	171
15	Paleobiology, Community Ecology, and Scales of Ecological Pattern. <i>Ecology</i> , 1996, 77, 1367-1378.	3.2	170
16	The Impact of the Pull of the Recent on the History of Marine Diversity. <i>Science</i> , 2003, 300, 1133-1135.	12.6	147
17	Dissecting latitudinal diversity gradients: functional groups and clades of marine bivalves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 293-299.	2.6	143
18	SCALE AND HIERARCHY IN MACROEVOLUTION. <i>Palaeontology</i> , 2007, 50, 87-109.	2.2	130

#	ARTICLE	IF	CITATIONS
19	Climate change, species range limits and body size in marine bivalves. <i>Ecology Letters</i> , 2001, 4, 366-370.	6.4	129
20	Geographical range and speciation in fossil and living molluscs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 401-406.	2.6	128
21	Extinction is here to stay. <i>Paleobiology</i> , 1983, 9, 315-321.	2.0	125
22	Global environmental predictors of benthic marine biogeographic structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14046-14051.	7.1	123
23	Micro- and macroevolution: scale and hierarchy in evolutionary biology and paleobiology. <i>Paleobiology</i> , 2000, 26, 15-52.	2.0	110
24	Assessing the fidelity of the fossil record by using marine bivalves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6599-6604.	7.1	108
25	Shaping the Latitudinal Diversity Gradient: New Perspectives from a Synthesis of Paleobiology and Biogeography. <i>American Naturalist</i> , 2017, 189, 1-12.	2.1	106
26	Larval Ecology, Geographic Range, and Species Survivorship in Cretaceous Mollusks: Organismic versus Species-Level Explanations. <i>American Naturalist</i> , 2006, 168, 556-564.	2.1	102
27	Diversity, Endemism, and Age Distributions in Macroevolutionary Sources and Sinks. <i>American Naturalist</i> , 2005, 165, 623-633.	2.1	97
28	Evolutionary innovations in the fossil record: the intersection of ecology, development, and macroevolution. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2005, 304B, 504-519.	1.3	93
29	Beyond Bergmann's rule: size-latitude relationships in marine Bivalvia worldwide. <i>Global Ecology and Biogeography</i> , 2013, 22, 173-183.	5.8	85
30	Approaches to Macroevolution: 1. General Concepts and Origin of Variation. <i>Evolutionary Biology</i> , 2017, 44, 427-450.	1.1	84
31	Species-Level Heritability Reaffirmed: A Comment on "On the Heritability of Geographic Range Sizes". <i>American Naturalist</i> , 2005, 166, 129-135.	2.1	83
32	Biogeography and paleobiology. <i>Paleobiology</i> , 1985, 11, 75-90.	2.0	82
33	Incumbency, diversity, and latitudinal gradients. <i>Paleobiology</i> , 2008, 34, 169-178.	2.0	80
34	Generation of Earth's First-Order Biodiversity Pattern. <i>Astrobiology</i> , 2009, 9, 113-124.	3.0	80
35	Declining Phanerozoic background extinction rates: effect of taxonomic structure?. <i>Nature</i> , 1985, 313, 216-218.	27.8	75
36	A macroevolutionary perspective on species range limits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1485-1493.	2.6	74

#	ARTICLE	IF	CITATIONS
37	Speciesâ€ˆgenus ratios reflect a global history of diversification and range expansion in marine bivalves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1117-1123.	2.6	73
38	Comparative Ecology of Bryozoan Radiations: Origin of Novelty in Cyclostomes and Cheilostomes. <i>Palaios</i> , 1997, 12, 505.	1.3	72
39	Congruence of morphologically-defined genera with molecular phylogenies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8262-8266.	7.1	72
40	Approaches to Macroevolution: 2. Sorting of Variation, Some Overarching Issues, and General Conclusions. <i>Evolutionary Biology</i> , 2017, 44, 451-475.	1.1	72
41	Signature of the End-Cretaceous Mass Extinction in the Modern Biota. <i>Science</i> , 2009, 323, 767-771.	12.6	71
42	Phylogenetic Conservatism of Extinctions in Marine Bivalves. <i>Science</i> , 2009, 325, 733-737.	12.6	67
43	Body size and invasion success in marine bivalves. <i>Ecology Letters</i> , 2002, 5, 163-167.	6.4	61
44	A twofold role for global energy gradients in marine biodiversity trends. <i>Journal of Biogeography</i> , 2015, 42, 997-1005.	3.0	53
45	Nonlinear thermal gradients shape broadâ€ˆscale patterns in geographic range size and can reverse Rapoport's rule. <i>Global Ecology and Biogeography</i> , 2015, 24, 157-167.	5.8	53
46	From regional to total geographic ranges: testing the relationship in Recent bivalves. <i>Paleobiology</i> , 1990, 16, 126-142.	2.0	52
47	Contrasting responses of functional diversity to major losses in taxonomic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 732-737.	7.1	49
48	Unifying latitudinal gradients in range size and richness across marine and terrestrial systems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153027.	2.6	41
49	Contrarian clade confirms the ubiquity of spatial origination patterns in the production of latitudinal diversity gradients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18129-18134.	7.1	38
50	Developmental bias, macroevolution, and the fossil record. <i>Evolution & Development</i> , 2020, 22, 103-125.	2.0	37
51	Molecular phylogenetics and historical biogeography amid shifting continents in the cockles and giant clams (<i>Bivalvia: Cardiidae</i>). <i>Molecular Phylogenetics and Evolution</i> , 2015, 93, 94-106.	2.7	35
52	The sampling and estimation of marine paleodiversity patterns: implications of a Pliocene model. <i>Paleobiology</i> , 2013, 39, 1-20.	2.0	32
53	Differential Extinction and the Contrasting Structure of Polar Marine Faunas. <i>PLoS ONE</i> , 2010, 5, e15362.	2.5	31
54	Origination and Immigration Drive Latitudinal Gradients in Marine Functional Diversity. <i>PLoS ONE</i> , 2014, 9, e101494.	2.5	30

#	ARTICLE	IF	CITATIONS
55	The future of the fossil record: Paleontology in the 21st century. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4852-4858.	7.1	28
56	Origins of marine patterns of biodiversity: some correlates and applications. Palaeontology, 2010, 53, 1203-1210.	2.2	25
57	Probabilistic models of species discovery and biodiversity comparisons. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3666-3671.	7.1	23
58	Genus age, provincial area and the taxonomic structure of marine faunas. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3427-3435.	2.6	21
59	Decoupling of latitudinal gradients in species and genus geographic range size: a signature of clade range expansion. Global Ecology and Biogeography, 2017, 26, 288-303.	5.8	21
60	Convergence, divergence, and parallelism in marine biodiversity trends: Integrating present-day and fossil data. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4903-4908.	7.1	20
61	Do past climate states influence diversity dynamics and the present-day latitudinal diversity gradient?. Global Ecology and Biogeography, 2014, 23, 530-540.	5.8	19
62	Origins, bottlenecks, and present-day diversity: Patterns of morphospace occupation in marine bivalves. Evolution; International Journal of Organic Evolution, 2015, 69, 735-746.	2.3	17
63	Loss of Biodiversity Dimensions through Shifting Climates and Ancient Mass Extinctions. Integrative and Comparative Biology, 2018, 58, 1179-1190.	2.0	17
64	Calibrating phylogenies assuming bifurcation or budding alters inferred macroevolutionary dynamics in a densely sampled phylogeny of bivalve families. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20212178.	2.6	17
65	Evolvability and Macroevolution: Overview and Synthesis. Evolutionary Biology, 2022, 49, 265-291.	1.1	14
66	Origination Patterns and Multilevel Processes in Macroevolution. , 2010, , 335-354.		10
67	Keeping time with mass extinctions. Paleobiology, 1984, 10, 139-145.	2.0	8
68	Evolutionary modularity, integration and disparity in an accretionary skeleton: analysis of venerid Bivalvia. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20211199.	2.6	8
69	EVOLUTION: A Multilevel Exploration. Science, 2007, 316, 1428-1430.	12.6	5
70	Hinge and ecomorphology of Legumen Conrad, 1858 (Bivalvia, Veneridae), and the contraction of venerid morphospace following the end-Cretaceous extinction. Journal of Paleontology, 2020, 94, 489-497.	0.8	4
71	Specimen alignment with limited point-based homology: 3D morphometrics of disparate bivalve shells (Mollusca: Bivalvia). PeerJ, 0, 10, e13617.	2.0	4
72	COSMOPOLITAN COMPROMISES AND TROPICAL TRADE-OFFS â€œ THE RELATIONSHIP BETWEEN LATITUDINAL AND MORPHOLOGICAL â€œRANGEâ€œ IN A DIVERSE BIVALVE FAUNA. , 2017, , .		1