# David Jablonski

## List of Publications by Year in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Evolvability and Macroevolution: Overview and Synthesis. Evolutionary Biology, 2022, 49, 265-291. | 1.1 | 14 |
| 3 | 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 |
| 4 | Developmental bias, macroevolution, and the fossil record. Evolution & Development, 2020, 22, 103-125. | 2.0 | 37 |
| 5 | 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 |
| 6 | Contrasting responses of functional diversity to major losses in taxonomic diversity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 732-737. | 7.1 | 49 |
| 7 | Loss of Biodiversity Dimensions through Shifting Climates and Ancient Mass Extinctions. Integrative and Comparative Biology, 2018, 58, 1179-1190. | 2.0 | 17 |
| 8 | Shaping the Latitudinal Diversity Gradient: New Perspectives from a Synthesis of Paleobiology and Biogeography. American Naturalist, 2017, 189, 1-12. | 2.1 | 106 |
| 9 | Approaches to Macroevolution: 1. General Concepts and Origin of Variation. Evolutionary Biology, 2017, 44, 427-450. | 1.1 | 84 |
| 10 | 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 |
| 11 | Approaches to Macroevolution: 2. Sorting of Variation, Some Overarching Issues, and General Conclusions. Evolutionary Biology, 2017, 44, 451-475. | 1.1 | 72 |
| 12 | 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 |
| 13 | COSMOPOLITAN COMPROMISES AND TROPICAL TRADE-OFFS â€“ THE RELATIONSHIP BETWEEN LATITUDINAL AND MORPHOLOGICAL â€œRANGEâ€•IN A DIVERSE BIVALVE FAUNA. , 2017, , . | | 1 |
| 14 | Unifying latitudinal gradients in range size and richness across marine and terrestrial systems. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20153027. | 2.6 | 41 |
| 15 | 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 |
| 16 | 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 |
| 17 | Molecular phylogenetics and historical biogeography amid shifting continents in the cockles and giant clams (Bivalvia: Cardiidae). Molecular Phylogenetics and Evolution, 2015, 93, 94-106. | 2.7 | 35 |
| 18 | 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 |

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|---|---|---|---|
| 19 | A twofold role for global energy gradients in marine biodiversity trends. Journal of Biogeography, 2015, 42, 997-1005. | 3.0 | 53 |
| 20 | Nonlinear thermal gradients shape broadâ€scale patterns in geographic range size and can reverse <scp>R</scp>apoport's rule. Global Ecology and Biogeography, 2015, 24, 157-167. | 5.8 | 53 |
| 21 | Do past climate states influence diversity dynamics and the presentâ€day latitudinal diversity gradient?. Global Ecology and Biogeography, 2014, 23, 530-540. | 5.8 | 19 |
| 22 | Origination and Immigration Drive Latitudinal Gradients in Marine Functional Diversity. PLoS ONE, 2014, 9, e101494. | 2.5 | 30 |
| 23 | Beyond Bergmann's rule: sizeâ€“latitude relationships in marine Bivalvia worldâ€wide. Global Ecology and Biogeography, 2013, 22, 173-183. | 5.8 | 85 |
| 24 | The sampling and estimation of marine paleodiversity patterns: implications of a Pliocene model. Paleobiology, 2013, 39, 1-20. | 2.0 | 32 |
| 25 | Out of the tropics, but how? Fossils, bridge species, and thermal ranges in the dynamics of the marine latitudinal diversity gradient. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10487-10494. | 7.1 | 176 |
| 26 | Global environmental predictors of benthic marine biogeographic structure. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14046-14051. | 7.1 | 123 |
| 27 | Origins of marine patterns of biodiversity: some correlates and applications. Palaeontology, 2010, 53, 1203-1210. | 2.2 | 25 |
| 28 | 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 |
| 29 | Differential Extinction and the Contrasting Structure of Polar Marine Faunas. PLoS ONE, 2010, 5, e15362. | 2.5 | 31 |
| 30 | Origination Patterns and Multilevel Processes in Macroevolution. , 2010, , 335-354. | | 10 |
| 31 | Congruence of morphologically-defined genera with molecular phylogenies. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8262-8266. | 7.1 | 72 |
| 32 | A macroevolutionary perspective on species range limits. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1485-1493. | 2.6 | 74 |
| 33 | Generation of Earth's First-Order Biodiversity Pattern. Astrobiology, 2009, 9, 113-124. | 3.0 | 80 |
| 34 | Signature of the End-Cretaceous Mass Extinction in the Modern Biota. Science, 2009, 323, 767-771. | 12.6 | 71 |
| 35 | Phylogenetic Conservatism of Extinctions in Marine Bivalves. Science, 2009, 325, 733-737. | 12.6 | 67 |
| 36 | BIOTIC INTERACTIONS AND MACROEVOLUTION: EXTENSIONS AND MISMATCHES ACROSS SCALES AND LEVELS. Evolution; International Journal of Organic Evolution, 2008, 62, 715-739. | 2.3 | 200 |

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|---|---|---|---|
| 37 | Species Selection: Theory and Data. Annual Review of Ecology, Evolution, and Systematics, 2008, 39, 501-524. | 8.3 | 296 |
| 38 | Incumbency, diversity, and latitudinal gradients. Paleobiology, 2008, 34, 169-178. | 2.0 | 80 |
| 39 | Extinction and the spatial dynamics of biodiversity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11528-11535. | 7.1 | 171 |
| 40 | Speciesâ€“genus ratios reflect a global history of diversification and range expansion in marine bivalves. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1117-1123. | 2.6 | 73 |
| 41 | EVOLUTION: A Multilevel Exploration. Science, 2007, 316, 1428-1430. | 12.6 | 5 |
| 42 | Contrarian clade confirms the ubiquity of spatial origination patterns in the production of latitudinal diversity gradients. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18129-18134. | 7.1 | 38 |
| 43 | SCALE AND HIERARCHY IN MACROEVOLUTION. Palaeontology, 2007, 50, 87-109. | 2.2 | 130 |
| 44 | Larval Ecology, Geographic Range, and Species Survivorship in Cretaceous Mollusks: Organismic versus Speciesâ€Level Explanations. American Naturalist, 2006, 168, 556-564. | 2.1 | 102 |
| 45 | Out of the Tropics: Evolutionary Dynamics of the Latitudinal Diversity Gradient. Science, 2006, 314, 102-106. | 12.6 | 704 |
| 46 | Assessing the fidelity of the fossil record by using marine bivalves. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6599-6604. | 7.1 | 108 |
| 47 | Evolutionary innovations in the fossil record: the intersection of ecology, development, and macroevolution. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2005, 304B, 504-519. | 1.3 | 93 |
| 48 | Speciesâ€Level Heritability Reaffirmed: A Comment on â€œOn the Heritability of Geographic Range Sizesâ€. American Naturalist, 2005, 166, 129-135. | 2.1 | 83 |
| 49 | Diversity, Endemism, and Age Distributions in Macroevolutionary Sources and Sinks. American Naturalist, 2005, 165, 623-633. | 2.1 | 97 |
| 50 | The dynamics of evolutionary stasis. Paleobiology, 2005, 31, 133-145. | 2.0 | 308 |
| 51 | Mass extinctions and macroevolution. Paleobiology, 2005, 31, 192-210. | 2.0 | 236 |
| 52 | The Impact of the Pull of the Recent on the History of Marine Diversity. Science, 2003, 300, 1133-1135. | 12.6 | 147 |
| 53 | Geographical range and speciation in fossil and living molluscs. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 401-406. | 2.6 | 128 |
| 54 | Survival without recovery after mass extinctions. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8139-8144. | 7.1 | 171 |

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|---|---|---|---|
| 55 | Body size and invasion success in marine bivalves. Ecology Letters, 2002, 5, 163-167. | 6.4 | 61 |
| 56 | Climate change, species range limits and body size in marine bivalves. Ecology Letters, 2001, 4, 366-370. | 6.4 | 129 |
| 57 | Dissecting latitudinal diversity gradients: functional groups and clades of marine bivalves. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 293-299. | 2.6 | 143 |
| 58 | Micro- and macroevolution: scale and hierarchy in evolutionary biology and paleobiology. Paleobiology, 2000, 26, 15-52. | 2.0 | 110 |
| 59 | Comparative Ecology of Bryozoan Radiations: Origin of Novelties in Cyclostomes and Cheilostomes. Palaios, 1997, 12, 505. | 1.3 | 72 |
| 60 | Body-size evolution in Cretaceous molluscs and the status of Cope's rule. Nature, 1997, 385, 250-252. | 27.8 | 232 |
| 61 | Paleobiology, Community Ecology, and Scales of Ecological Pattern. Ecology, 1996, 77, 1367-1378. | 3.2 | 170 |
| 62 | Scales of climatic variability and time averaging in Pleistocene biotas: implications for ecology and evolution. Trends in Ecology and Evolution, 1996, 11, 458-463. | 8.7 | 196 |
| 63 | Selectivity of end-Cretaceous marine bivalve extinctions. Science, 1995, 268, 389-391. | 12.6 | 224 |
| 64 | The tropics as a source of evolutionary novelty through geological time. Nature, 1993, 364, 142-144. | 27.8 | 216 |
| 65 | From regional to total geographic ranges: testing the relationship in Recent bivalves. Paleobiology, 1990, 16, 126-142. | 2.0 | 52 |
| 66 | Paleoenvironmental Patterns in the Evolution of Post-Paleozoic Benthic Marine Invertebrates. Palaios, 1988, 3, 540. | 1.3 | 195 |
| 67 | Biogeography and paleobiology. Paleobiology, 1985, 11, 75-90. | 2.0 | 82 |
| 68 | Declining Phanerozoic background extinction rates: effect of taxonomic structure?. Nature, 1985, 313, 216-218. | 27.8 | 75 |
| 69 | Keeping time with mass extinctions. Paleobiology, 1984, 10, 139-145. | 2.0 | 8 |
| 70 | LARVAL ECOLOGY OF MARINE BENTHIC INVERTEBRATES: PALEOBIOLOGICAL IMPLICATIONS. Biological Reviews, 1983, 58, 21-89. | 10.4 | 507 |
| 71 | Extinction is here to stay. Paleobiology, 1983, 9, 315-321. | 2.0 | 125 |
| 72 | Specimen alignment with limited point-based homology: 3D morphometrics of disparate bivalve shells (Mollusca: Bivalvia). PeerJ, 0, 10, e13617. | 2.0 | 4 |