

Ten years in the library: new data confirm paleontologic

Paleobiology

19, 43-51

DOI: [10.1017/s0094837300012306](https://doi.org/10.1017/s0094837300012306)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Seafood through time: changes in biomass, energetics, and productivity in the marine ecosystem. <i>Paleobiology</i> , 1993, 19, 372-397.	1.3	276
2	Bony Fishes. <i>Short Courses in Paleontology</i> , 1994, 7, 57-84.	0.2	20
3	Common Patterns of Mass Extinction, Survival, and Recovery in Marine Environments: What Do They Tell Us About the Future?. <i>The Paleontological Society Special Publications</i> , 1994, 7, 437-466.	0.0	1
4	The Place of Dinosaurs in the History of Life. <i>The Paleontological Society Special Publications</i> , 1994, 7, 61-82.	0.0	1
5	The history of Devonian-Carboniferous reef communities: Extinctions, effects, recovery. <i>Facies</i> , 1994, 30, 177-191.	0.7	50
6	The quantification of plant biodiversity through time. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1994, 345, 35-44.	1.8	40
7	Extinctions in the fossil record. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1994, 344, 11-17.	1.8	183
8	Palaeontological data and identifying mass extinctions. <i>Trends in Ecology and Evolution</i> , 1994, 9, 181-185.	4.2	52
9	Temporal variation in extinction risk and temporal scaling of extinction metrics. <i>Paleobiology</i> , 1994, 20, 424-444.	1.3	102
10	Volatility and the Phanerozoic decline of background extinction intensity. <i>Paleobiology</i> , 1994, 20, 445-458.	1.3	101
11	Late Precambrian bilaterians: grades and clades.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 6751-6757.	3.3	102
12	Evolution as a self-organized critical phenomenon.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5209-5213.	3.3	218
13	Economics, volcanoes, and Phanerozoic revolutions. <i>Paleobiology</i> , 1995, 21, 125-152.	1.3	197
14	Extinction selectivity among lower taxa: gradational patterns and rarefaction error in extinction estimates. <i>Paleobiology</i> , 1995, 21, 300-313.	1.3	42
15	Complexity, contingency, and criticality.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 6689-6696.	3.3	269
16	A task for Paleobiology at the threshold of majority. <i>Paleobiology</i> , 1995, 21, 1-14.	1.3	15
17	Fitness Optimization and Decay of Extinction Rate Through Biological Evolution. <i>Physical Review Letters</i> , 1995, 75, 2055-2058.	2.9	35
18	Self-organized criticality in coevolving interacting systems. <i>Physical Review E</i> , 1995, 52, 5700-5703.	0.8	15

#	ARTICLE	IF	CITATIONS
19	Mass extinctions and periodicity. <i>Science</i> , 1995, 269, 617-619.	6.0	8
20	Mass extinction: evolution and the effects of external influences on unfit species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 260, 31-37.	1.2	26
21	Diversification and extinction in the history of life. <i>Science</i> , 1995, 268, 52-58.	6.0	578
22	Mass extinction, punctuated equilibrium and the fossil plant record. <i>Trends in Ecology and Evolution</i> , 1995, 10, 308-309.	4.2	13
23	Conserving Europe's bees: why all the buzz?. <i>Trends in Ecology and Evolution</i> , 1995, 10, 309-310.	4.2	20
24	Multiple impact event in the Paleozoic: Collision with a string of comets or asteroids?. <i>Geophysical Research Letters</i> , 1996, 23, 49-52.	1.5	12
25	A new look at Ecologic Evolutionary Units (EEUs). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 127, 21-32.	1.0	92
26	Comparative Earth History and Late Permian Mass Extinction. <i>Science</i> , 1996, 273, 452-457.	6.0	600
27	Fossil dinoflagellate diversity, originations, and extinctions and their significance. <i>Canadian Journal of Botany</i> , 1996, 74, 1687-1694.	1.2	80
28	Calibrating the Ordovician Radiation of marine life: implications for Phanerozoic diversity trends. <i>Paleobiology</i> , 1996, 22, 304-309.	1.3	202
29	Post-Variscan late Palaeozoic Northern Hemisphere gymnosperms: the onset to the Mesozoic. <i>Review of Palaeobotany and Palynology</i> , 1996, 90, 263-285.	0.8	131
30	A Model for Evolution and Extinction. <i>Journal of Theoretical Biology</i> , 1996, 180, 39-54.	0.8	32
31	Specialisation and extinction: Cope's law revisited. <i>Historical Biology</i> , 1996, 11, 247-265.	0.7	6
32	The Ordovician-Silurian boundary successions in ÅstergÅtland and VÅstergÅtland, S. Sweden. <i>Gff</i> , 1996, 118, 25-42.	0.4	34
33	Global Events and Event Stratigraphy in the Phanerozoic. , 1996, , .		71
34	The importance of crisis progenitors in recovery from mass extinction. <i>Geological Society Special Publication</i> , 1996, 102, 15-39.	0.8	55
35	Entropic sampling and natural selection in biological evolution. <i>Journal of Physics A</i> , 1997, 30, L749-L755.	1.6	5
36	Aging exponents in self-organized criticality. <i>Physical Review E</i> , 1997, 56, 6466-6474.	0.8	8

#	ARTICLE	IF	CITATIONS
37	Dynamical mechanisms for biological evolution. <i>Physical Review E</i> , 1997, 56, 841-847.	0.8	7
38	Soluble Model of Evolution and Extinction Dynamics in a Rugged Fitness Landscape. <i>Physical Review Letters</i> , 1997, 79, 1413-1416.	2.9	12
39	DISSECTING GLOBAL DIVERSITY PATTERNS: Examples from the Ordovician Radiation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1997, 28, 85-104.	6.7	111
40	Biodiversity: Past, Present, and Future. <i>Journal of Paleontology</i> , 1997, 71, 533-539.	0.5	265
41	A new look at age and area: the geographic and environmental expansion of genera during the Ordovician Radiation. <i>Paleobiology</i> , 1997, 23, 410-419.	1.3	76
42	STRATIGRAPHIC RECORD OF THE EARLY MESOZOIC BREAKUP OF PANGEA IN THE LAURASIA-GONDWANA RIFT SYSTEM. <i>Annual Review of Earth and Planetary Sciences</i> , 1997, 25, 337-401.	4.6	263
43	THE EVOLUTION OF MORPHOLOGICAL DIVERSITY. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1997, 28, 129-152.	6.7	507
44	Models for the diversification of life. <i>Trends in Ecology and Evolution</i> , 1997, 12, 490-495.	4.2	83
45	Sampling, taxonomic description, and our evolving knowledge of morphological diversity. <i>Paleobiology</i> , 1997, 23, 181-206.	1.3	37
46	Comparative diversification dynamics among Palaeocontinents during the Ordovician Radiation. <i>Geobios</i> , 1997, 30, 397-406.	0.7	53
47	Phanerozoic non-actualistic paleoecology. <i>Geobios</i> , 1997, 30, 885-893.	0.7	16
48	A Model of Mass Extinction. <i>Journal of Theoretical Biology</i> , 1997, 189, 235-252.	0.8	94
49	Macrodynamics in a model of biological evolution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1998, 249, 342-347.	0.9	2
50	Modelling Coevolution in Multispecies Communities. <i>Journal of Theoretical Biology</i> , 1998, 193, 345-358.	0.8	208
51	Molecular and Morphological Phylogenies of Mammals: Congruence with Stratigraphic Data. <i>Molecular Phylogenetics and Evolution</i> , 1998, 9, 398-407.	1.2	32
52	Rates of speciation in the fossil record. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 315-326.	1.8	228
53	The evolution of diversity in ancient ecosystems: a review. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998, 353, 327-345.	1.8	39
54	Geographic Variation in the Molluscan Recovery from the End-Cretaceous Extinction. <i>Science</i> , 1998, 279, 1327-1330.	6.0	120

#	ARTICLE	IF	CITATIONS
55	Decoupled Temporal Patterns of Evolution and Ecology in Two Post-Paleozoic Clades. , 1998, 281, 807-809.		77
56	Biotic Transitions in Global Marine Diversity. , 1998, 281, 1157-1160.		98
57	Evolution and Extinction Dynamics in Rugged Fitness Landscapes. International Journal of Modern Physics B, 1998, 12, 361-391.	1.0	37
58	POSSIBLE LARGEST-SCALE TRENDS IN ORGANISMAL EVOLUTION: Eight "Live Hypotheses", Annual Review of Ecology, Evolution, and Systematics, 1998, 29, 293-318.	6.7	117
59	Dynamics of coevolutive processes. Physical Review E, 1998, 57, 5897-5903.	0.8	3
60	Mass extinctions in Phanerozoic time. Geological Society Special Publication, 1998, 140, 259-274.	0.8	19
61	SPECIATION FROM EVOLUTION. International Journal of Modern Physics C, 1999, 10, 1295-1302.	0.8	7
62	Morphological diversity in the evolutionary radiation of Paleozoic and post-Paleozoic crinoids. Paleobiology, 1999, 25, 1-116.	1.3	54
63	Life and times of an avalanche. Physica A: Statistical Mechanics and Its Applications, 1999, 266, 330-333.	1.2	2
64	The evolutive role of symbiosis and the external environment: a mathematical model. Physica A: Statistical Mechanics and Its Applications, 1999, 267, 209-220.	1.2	1
65	Evolutive information contained in frequency spectra. Physica A: Statistical Mechanics and Its Applications, 1999, 272, 223-234.	1.2	0
66	Biospheric perturbations during Gondwanan times: From the Neoproterozoic-Cambrian radiation to the end-Permian crisis. Journal of African Earth Sciences, 1999, 28, 115-127.	0.9	9
67	Hydrogen and oxygen isotope evidence for fluid-rock interactions in the stages of pre- and post-UHP metamorphism in the Dabie Mountains. Lithos, 1999, 46, 677-693.	0.6	146
68	Energetics in the global marine fauna: A connection between terrestrial diversification and change in the marine biosphere. Geobios, 1999, 32, 131-144.	0.7	161
69	Palaeodiversifications: Mass extinctions, "Clocks", and other worlds. Geobios, 1999, 32, 165-174.	0.7	9
70	Originations: Land and sea compared. Geobios, 1999, 32, 223-234.	0.7	29
71	The Future of the Fossil Record. Science, 1999, 284, 2114-2116.	6.0	50
72	Species-Abundance Models: An Ecological Approach to Inferring Paleoenvironment and Resolving Paleoeological Change in the Waldron Shale (Silurian). Palaios, 1999, 14, 234.	0.6	16

#	ARTICLE	IF	CITATIONS
73	J. John Sepkoski Jr. (1948–1999). <i>Paleobiology</i> , 1999, 25, 424-429.	1.3	2
74	Decline in extinction rates and scale invariance in the fossil record. <i>Paleobiology</i> , 1999, 25, 434-439.	1.3	37
75	Morphological Diversity In The Evolutionary Radiation Of Paleozoic and Post-Paleozoic Crinoids. <i>Paleobiology</i> , 1999, 25, 1-115.	1.3	216
76	Comparing palynological abundance and diversity: implications for biotic replacement during the Cretaceous angiosperm radiation. <i>Paleobiology</i> , 1999, 25, 305-340.	1.3	186
77	The shape of life: how much is written in stone?. <i>BioEssays</i> , 2000, 22, 1142-1152.	1.2	26
78	Delayed biological recovery from extinctions throughout the fossil record. <i>Nature</i> , 2000, 404, 177-180.	13.7	160
79	BRIDGING THE GAP BETWEEN POPULATION BIOLOGY AND PALEOBIOLOGY. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1457-1462.	1.1	6
80	Taphonomy and paleobiology. <i>Paleobiology</i> , 2000, 26, 103-147.	1.3	182
81	The Value of Fossil Collections. <i>The Paleontological Society Special Publications</i> , 2000, 10, 5-24.	0.0	1
82	Conversations about Phanerozoic global diversity. <i>Paleobiology</i> , 2000, 26, 53-73.	1.3	14
84	BRIDGING THE GAP BETWEEN POPULATION BIOLOGY AND PALEOBIOLOGY1. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1457.	1.1	5
85	Successive approximations of diversity curves: Ten more years in the library. <i>Geology</i> , 2000, 28, 1023.	2.0	54
87	Correlations in fossil extinction and origination rates through geological time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1301-1309.	1.2	22
88	NO LIGHT FROM THE BLACK CLOUD1. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1461.	1.1	1
89	Conversations about Phanerozoic global diversity. <i>Paleobiology</i> , 2000, 26, 53-73.	1.3	32
90	An Empirical Assessment of Taxic Paleobiology. <i>Science</i> , 2000, 289, 110-112.	6.0	99
91	The future of evolution. <i>Trends in Ecology and Evolution</i> , 2000, 15, 307-308.	4.2	2
93	Taphonomy and paleobiology. <i>Paleobiology</i> , 2000, 26, 103-147.	1.3	452

#	ARTICLE	IF	CITATIONS
94	Biodiversity in the Phanerozoic: a reinterpretation. <i>Paleobiology</i> , 2001, 27, 583-601.	1.3	308
95	Lessons from the past: Evolutionary impacts of mass extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5393-5398.	3.3	198
96	Strontium Isotope Stratigraphy: LOWESS Version 3: Best Fit to the Marine Sr Isotope Curve for 0-509 Ma and Accompanying Lookup Table for Deriving Numerical Age. <i>Journal of Geology</i> , 2001, 109, 155-170.	0.7	1,218
97	Regional biotic turnover dynamics in the Plio-Pleistocene molluscan fauna of the Wanganui Basin, New Zealand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 172, 39-51.	1.0	12
98	Sudden Productivity Collapse Associated with the Triassic-Jurassic Boundary Mass Extinction. <i>Science</i> , 2001, 292, 1148-1151.	6.0	231
99	Large-scale heterogeneity of the fossil record: implications for Phanerozoic biodiversity studies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 351-367.	1.8	286
101	The trophic context of hominoid occurrence in the later Miocene of western Eurasia: a primate-free view. , 2001, , 19-48.		19
103	A new model of mass extinctions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 293, 559-565.	1.2	11
104	Scale invariance in biology: coincidence or footprint of a universal mechanism?. <i>Biological Reviews</i> , 2001, 76, 161-209.	4.7	288
105	Biodiversity on land and in the sea. <i>Geological Journal</i> , 2001, 36, 211-230.	0.6	90
106	Assessing trilobite biodiversity change in the Ordovician of the British Isles. <i>Geological Journal</i> , 2001, 36, 279-290.	0.6	9
107	Palaeozoic brachiopod extinctions, survival and recovery: patterns within the rhynchonelliformeans. <i>Geological Journal</i> , 2001, 36, 317-328.	0.6	43
108	Stylistic Change as a Self-Organized Critical Phenomenon: An Archaeological Study in Complexity. <i>Journal of Archaeological Method and Theory</i> , 2001, 8, 35-66.	1.4	20
109	PALEOECOLOGY: Measuring Past Biodiversity. <i>Science</i> , 2001, 293, 2401-2404.	6.0	211
110	ON THE FRACTAL NATURE OF ECOLOGICAL AND MACROEVOLUTIONARY DYNAMICS. <i>Fractals</i> , 2001, 09, 1-16.	1.8	9
111	A new picture of life's history on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5955-5956.	3.3	21
112	Global Ordovician faunal transitions in the marine benthos: proximate causes. <i>Paleobiology</i> , 2001, 27, 779-795.	1.3	36
113	Finding the tree of life: matching phylogenetic trees to the fossil record through the 20th century. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2123-2130.	1.2	27

#	ARTICLE	IF	CITATIONS
114	Palaeobiogeography and the Ordovician and Mesozoic-Cenozoic biotic radiations. Geological Society Special Publication, 2002, 194, 1-11.	0.8	12
115	How many named species are valid?. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3706-3711.	3.3	123
116	The role of pyroclastic volcanism in Ordovician diversification. Geological Society Special Publication, 2002, 194, 99-113.	0.8	13
117	Documenting a significant relationship between macroevolutionary origination rates and Phanerozoic pCO ₂ levels. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7832-7835.	3.3	40
118	Anatomical and ecological constraints on Phanerozoic animal diversity in the marine realm. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6854-6859.	3.3	201
119	Land-plant diversity and the end-Permian mass extinction. Geology, 2002, 30, 827.	2.0	152
120	Stratigraphic Variation in the Timing of First and Last Occurrences. Palaios, 2002, 17, 134-146.	0.6	72
121	The Quality of the Fossil Record: Implications for Evolutionary Analyses. Annual Review of Ecology, Evolution, and Systematics, 2002, 33, 561-588.	6.7	184
122	Evolutionary speed limits inferred from the fossil record. Nature, 2002, 415, 65-68.	13.7	109
123	Euconodont diversity changes in a cooling and closing Iapetus Ocean. Geological Society Special Publication, 2002, 194, 85-98.	0.8	7
124	The tree of life and the rock of ages: Are we getting better at estimating phylogeny?. BioEssays, 2002, 24, 203-207.	1.2	7
125	Extinction and re-evolution of similar adaptive types (ecomorphs) in Cenozoic North American ungulates and carnivores reflect van der Hammen's cycles. Die Naturwissenschaften, 2003, 90, 131-135.	0.6	15
126	Characterization of a Branch of the Phylogenetic Tree. Journal of Theoretical Biology, 2003, 220, 457-468.	0.8	1
127	Le débat macroévolutif: apports de la disparité morphologique. Comptes Rendus - Palevol, 2003, 2, 423-433.	0.1	5
128	Does global diversity mean anything?. Paleobiology, 2003, 29, 3-7.	1.3	43
129	The Geochemistry of Mass Extinction. , 2003, , 351-367.		8
130	LIFE-SPAN OF FAMILIES IN FOSSIL DATA FORMS q-EXPONENTIAL DISTRIBUTION. International Journal of Modern Physics C, 2003, 14, 1267-1271.	0.8	19
131	New data for old questions. Paleobiology, 2003, 29, 19-21.	1.3	20

#	ARTICLE	IF	CITATIONS
132	The multiple scales of biodiversity. <i>Paleobiology</i> , 2003, 29, 11-13.	1.3	16
133	Global databases will yield reliable measures of global biodiversity. <i>Paleobiology</i> , 2003, 29, 26-29.	1.3	36
134	Taxonomic Level as a Determinant of the Shape of the Phanerozoic Marine Biodiversity Curve. <i>American Naturalist</i> , 2003, 162, 265-276.	1.0	37
135	Preservation Potential and Paleoecological Significance of Epibenthic Suspension Feeder-Dominated Benthic Communities (Northern Adriatic Sea). <i>Palaios</i> , 2003, 18, 47-62.	0.6	9
137	Introduction to Volume 7. , 2003, , xv-xxiii.		0
138	Mass extinctions in plant evolution. , 2004, , 61-98.		23
139	The evolutionary role of mass extinctions: disaster, recovery and something in-between. , 2004, , 151-178.		13
140	Extinction and the fossil record. , 2004, , 1-34.		7
141	The beginning of the Mesozoic: 70 million years of environmental stress and extinction. , 2004, , 99-118.		6
142	Biodiversity Considered Philosophically. , 2004, , 1-24.		25
143	Simple bit-string model for lineage branching. <i>Physical Review E</i> , 2004, 70, 051910.	0.8	7
144	A vaucheriacean alga from the middle Neoproterozoic of Spitsbergen: implications for the evolution of Proterozoic eukaryotes and the Cambrian explosion. <i>Paleobiology</i> , 2004, 30, 231-252.	1.3	132
145	Taxonomy and fossils: a critical appraisal. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 639-653.	1.8	70
146	Shape of Mesozoic dinosaur richness. <i>Geology</i> , 2004, 32, 877.	2.0	70
147	Counting taxonomic richness from discrete biochronozones of unknown duration: a simulation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 202, 181-208.	1.0	21
148	Preliminary identification of fullerenes in the lowermost Jurassic strata, Queen Charlotte Islands, British Columbia. , 2004, , .		1
149	Fossils make waves. <i>Nature</i> , 2005, 434, 147-148.	13.7	6
150	Spherules from the Late Cretaceous Phosphorite of the Fatehgarh Formation, Barmer Basin, India. <i>Gondwana Research</i> , 2005, 8, 579-584.	3.0	14

#	ARTICLE	IF	CITATIONS
151	Orbital controls on seasonality. , 2005, , 519-542.		6
152	Relative and absolute abundance of trilobites and rhynchonelliform brachiopods across the Lower/Middle Ordovician boundary, eastern Basin and Range. <i>Paleobiology</i> , 2005, 31, 480-502.	1.3	46
153	On the power-law distribution of language family sizes. <i>Journal of Linguistics</i> , 2005, 41, 117-131.	0.5	35
154	Consequences of the Cretaceous/Paleogene Mass Extinction for Marine Ecosystems. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2005, 36, 295-317.	3.8	137
155	Are the most durable shelly taxa also the most common in the marine fossil record?. <i>Paleobiology</i> , 2005, 31, 607-623.	1.3	9
157	Are the most durable shelly taxa also the most common in the marine fossil record?. <i>Paleobiology</i> , 2005, 31, 607-623.	1.3	59
158	Diversity dynamics and mass extinctions of the Earlyâ€“Middle Jurassic foraminifers: A record from the Northwestern Caucasus. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 222, 329-343.	1.0	45
159	The ark was full! Constant to declining Cenozoic shallow marine biodiversity on an isolated midlatitude continent. <i>Paleobiology</i> , 2006, 32, 509-532.	1.3	56
160	Global Marine Biodiversity Trends. <i>Annual Review of Environment and Resources</i> , 2006, 31, 93-122.	5.6	271
161	Sterane biomarkers as indicators of palaeozoic algal evolution and extinction events. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 240, 225-236.	1.0	158
162	The Astronomical Pulse of Global Extinction Events. <i>Scientific World Journal, The</i> , 2006, 6, 718-726.	0.8	3
163	Controls on marine animal biomass through geological time. <i>Geobiology</i> , 2006, 4, 1-10.	1.1	34
164	Patchiness of local species richness and its implication for large-scale diversity patterns: an example from the middle Miocene of the Paratethys. <i>Lethaia</i> , 2006, 39, 65-80.	0.6	22
165	Biology, Sociology, Geology by Computational Physicists. <i>Monograph Series on Nonlinear Science and Complexity</i> , 2006, 1, i-276.	1.2	100
166	Genus extinction, origination, and the durations of sedimentary hiatuses. <i>Paleobiology</i> , 2006, 32, 387-407.	1.3	92
167	Crossover and Evolutionary Stability in the Prisoner's Dilemma. <i>Evolutionary Computation</i> , 2007, 15, 321-344.	2.3	6
168	Macroecological responses of terrestrial vegetation to climatic and atmospheric change across the Triassic/Jurassic boundary in East Greenland. <i>Paleobiology</i> , 2007, 33, 547-573.	1.3	156
169	Geographic variation in turnover and recovery from the Late Ordovician mass extinction. <i>Paleobiology</i> , 2007, 33, 435-454.	1.3	48

#	ARTICLE	IF	CITATIONS
170	Marine diversity through the Phanerozoic: problems and prospects. <i>Journal of the Geological Society</i> , 2007, 164, 731-745.	0.9	109
171	Mass extinction events and the plant fossil record. <i>Trends in Ecology and Evolution</i> , 2007, 22, 548-557.	4.2	261
172	Using ghost lineages to identify diversification events in the fossil record. <i>Biology Letters</i> , 2007, 3, 201-204.	1.0	48
173	Phanerozoic marine biodiversity follows a hyperbolic trend. <i>Palaeoworld</i> , 2007, 16, 311-318.	0.5	41
174	Does versatility as measured by geographic range, bathymetric range and morphological variability contribute to taxon longevity?. <i>Global Ecology and Biogeography</i> , 2007, 16, 117-128.	2.7	45
175	THE EFFECTS OF SAMPLING BIAS ON PALAEOZOIC FAUNAS AND IMPLICATIONS FOR MACROEVOLUTIONARY STUDIES. <i>Palaeontology</i> , 2007, 50, 177-184.	1.0	35
176	The role of bryozoans in fossil reefs— an example from the Middle Devonian of the Western Sahara. <i>Facies</i> , 2008, 54, 613-620.	0.7	21
177	Comparison of taxonomic diversity, strontium isotope and sea-level patterns. <i>International Journal of Earth Sciences</i> , 2008, 97, 651-664.	0.9	31
178	Evolutionary rates of the Triassic marine macrofauna and sea-level changes: Evidences from the Northwestern Caucasus, Northern Neotethys (Russia). <i>Palaeoworld</i> , 2008, 17, 115-125.	0.5	5
179	The remarkable fossils from the Early Cretaceous Jehol Biota of China and how they have changed our knowledge of Mesozoic life. <i>Proceedings of the Geologists Association</i> , 2008, 119, 209-228.	0.6	58
180	Press-pulse: a general theory of mass extinction?. <i>Paleobiology</i> , 2008, 34, 456-471.	1.3	111
181	How to find a dinosaur, and the role of synonymy in biodiversity studies. <i>Paleobiology</i> , 2008, 34, 516-533.	1.3	43
182	Bryozoan diversity in Southern Siberia at the Devonian—Carboniferous transition: New data confirm a resistivity to two mass extinctions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 264, 93-99.	1.0	15
183	The Red Queen revisited: reevaluating the age selectivity of Phanerozoic marine genus extinctions. <i>Paleobiology</i> , 2008, 34, 318-341.	1.3	73
184	Extinction as the loss of evolutionary history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11520-11527.	3.3	61
185	A TEST OF BIOGEOGRAPHICAL, ENVIRONMENTAL, AND ECOLOGICAL EFFECT ON MIDDLE AND LATE TRIASSIC BRACHIOPOD AND BIVALVE ABUNDANCE PATTERNS. <i>Palaaios</i> , 2008, 23, 43-54.	0.6	6
186	Are global Phanerozoic marine diversity curves truly global? A study of the relationship between regional rock records and global Phanerozoic marine diversity. <i>Paleobiology</i> , 2008, 34, 80-103.	1.3	96
187	Viewing Paleobiology Through the Lens of Phylogeny. <i>The Paleontological Society Papers</i> , 2008, 14, 165-183.	0.8	0

#	ARTICLE	IF	CITATIONS
188	Impact during the proterozoic era possibly inundated the earth with phosphorus. <i>International Journal of Astrobiology</i> , 2009, 8, 187-191.	0.9	3
189	Extensional development of the Fundy rift basin, southeastern Canada. <i>Geological Journal</i> , 2009, 44, 631-651.	0.6	25
190	Phanerozoic changes in the high-rank suprageneric diversity structure of brachiopods: Linear and non-linear effects. <i>Palaeoworld</i> , 2009, 18, 263-277.	0.5	14
191	Alpha diversity of Phanerozoic marine communities positively correlates with longevity of genera. <i>Paleobiology</i> , 2009, 35, 231-250.	1.3	13
192	Temporal Distribution of Diagnostic Biofabrics in the Lower and Middle Ordovician in North China: Clues to the Geobiology of the Great Ordovician Biodiversification Event. <i>Acta Geologica Sinica</i> , 2009, 83, 513-523.	0.8	15
193	Application of the Time Series Analysis to the Latest Cenomanian – Early Turonian Sequence Using Foraminifera in the Southern Tethyan Margin. , 2010, , .		1
194	Time series analysis (orbital cycles) of the uppermost Cenomanian-Lower Turonian sequence on the southern Tethyan margin using foraminifera. <i>Geologica Carpathica</i> , 2010, 61, 111-120.	0.2	10
195	An explanation for conflicting records of Triassic–Jurassic plant diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15351-15356.	3.3	86
197	Global occurrence trajectories of microfossils: environmental volatility and the rise and fall of individual species. <i>Paleobiology</i> , 2010, 36, 224-252.	1.3	57
198	Theoretical diversity of the marine biosphere. <i>Paleobiology</i> , 2010, 36, 1-15.	1.3	8
199	Welsh gold: A new exceptionally preserved pyritized Ordovician biota. <i>Geology</i> , 2011, 39, 879-882.	2.0	49
200	Assessing the quality of the fossil record: insights from vertebrates. <i>Geological Society Special Publication</i> , 2011, 358, 63-94.	0.8	76
201	Testing the effect of the rock record on diversity: a multidisciplinary approach to elucidating the generic richness of sauropodomorph dinosaurs through time. <i>Biological Reviews</i> , 2011, 86, 157-181.	4.7	167
202	Changes in shell durability of common marine taxa through the Phanerozoic: evidence for biological rather than taphonomic drivers. <i>Paleobiology</i> , 2011, 37, 303-331.	1.3	31
203	Do partly outdated palaeontological data produce just a noise? An assessment of the Middle Devonian-Mississippian biodiversity dynamics in central Asia on the basis of Soviet-time compilations. <i>Geologos</i> , 2011, 17, .	0.2	6
204	Does extinction wield an axe or pruning shears? How interactions between phylogeny and ecology affect patterns of extinction. <i>Paleobiology</i> , 2011, 37, 72-91.	1.3	28
205	Diversity Dynamics of Callovian-Albian Brachiopods in the Northern Caucasus (Northern Neo-Tethys) and a Jurassic/Cretaceous Mass Extinction. <i>Paleontological Research</i> , 2011, 15, 154-167.	0.5	9
206	Modelling the past: new generation approaches to understanding biological patterns in the fossil record. <i>Biology Letters</i> , 2012, 8, 112-114.	1.0	4

#	ARTICLE	IF	CITATIONS
207	A MODEL OF MACROEVOLUTION AS A BRANCHING PROCESS BASED ON INNOVATIONS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012, 15, 1250043.	0.9	12
209	Environmental and biological controls on the diversity and ecology of Late Cretaceous through early Paleogene marine ecosystems in the U.S. Gulf Coastal Plain. <i>Paleobiology</i> , 2012, 38, 218-239.	1.3	36
210	Sampling bias and the fossil record of planktonic foraminifera on land and in the deep sea. <i>Paleobiology</i> , 2012, 38, 569-584.	1.3	27
211	Environmental changes across the Triassic–Jurassic boundary and coeval volcanism inferred from elemental geochemistry and mineralogy in the Kendlbachgraben section (Northern Calcareous Alps). <i>Tj ETQq1 1 0.784314 rg BT / Over</i>	1.1	25
212	Phanerozoic Marine Biodiversity: A Fresh Look at Data, Methods, Patterns and Processes. , 2012, , 3-22.		25
213	Goldilocks Meets Santa Rosalia: An Ephemeral Speciation Model Explains Patterns of Diversification Across Time Scales. <i>Evolutionary Biology</i> , 2012, 39, 255-261.	0.5	195
214	Microbes and mass extinctions: paleoenvironmental distribution of microbialites during times of biotic crisis. <i>Geobiology</i> , 2012, 10, 3-24.	1.1	98
215	Plant fossil record and survival analyses. <i>Lethaia</i> , 2012, 45, 71-82.	0.6	27
216	Species extinction in finite replicator systems. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 689-697.	0.7	0
217	Temporal distribution of piperocks in Cambrian and Ordovician: A coevolutionary process with changes of paleoenvironment. <i>Science China Earth Sciences</i> , 2012, 55, 26-38.	2.3	1
218	Contrasting the ecological and taxonomic consequences of extinction. <i>Paleobiology</i> , 2013, 39, 538-559.	1.3	26
219	A survey of palaeontological sampling biases in fishes based on the Phanerozoic record of Great Britain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 372, 5-17.	1.0	35
220	An integrative view of phylogenetic comparative methods: connections to population genetics, community ecology, and paleobiology. <i>Annals of the New York Academy of Sciences</i> , 2013, 1289, 90-105.	1.8	206
221	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> , 2013, 67, 816-827.	1.1	17
222	What is the best way to measure extinction? A reflection from the palaeobotanical record. <i>Earth-Science Reviews</i> , 2013, 124, 126-147.	4.0	28
223	The late Silurian–Middle Devonian long-term eustatic cycle as a possible control on the global generic diversity dynamics of bivalves and gastropods. <i>Geologists</i> , 2013, 19, 193-200.	0.2	1
224	The Geochemistry of Mass Extinction. , 2014, , 269-280.		2
225	Volume Editor's Introduction. , 2014, , xxiii-xxxii.		0

#	ARTICLE	IF	CITATIONS
226	Current and historical perspectives on the completeness of the fossil record of pelycosaurian-grade synapsids. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 114-126.	1.0	31
227	Evolutionary trends in arvicolids and the endemic murid <i>Mikrotia</i> – New data and a critical overview. <i>Quaternary Science Reviews</i> , 2014, 96, 240-258.	1.4	30
228	Symmetry of interactions rules in incompletely connected random replicator ecosystems. <i>European Physical Journal E</i> , 2014, 37, 11.	0.7	7
229	The Geochemistry of Mass Extinction. , 2014, , 385-397.		0
230	The Generification of the Fossil Record. <i>Paleobiology</i> , 2014, 40, 511-528.	1.3	79
232	A Machine Reading System for Assembling Synthetic Paleontological Databases. <i>PLoS ONE</i> , 2014, 9, e113523.	1.1	75
234	Palaeodiversity and formation counts: redundancy or bias?. <i>Palaeontology</i> , 2015, 58, 1003-1029.	1.0	26
235	Ecosystem revolution and evolution in the Early–Mid Paleozoic. <i>Palaeoworld</i> , 2015, 24, 1-4.	0.5	1
237	Origination, extinction, invasion, and extirpation components of the brachiopod latitudinal biodiversity gradient through the Phanerozoic Eon. <i>Paleobiology</i> , 2015, 41, 330-341.	1.3	24
238	Evolutionary Trends of Triassic Ammonoids. <i>Topics in Geobiology</i> , 2015, , 25-50.	0.6	4
239	Extremal dynamics in random replicator ecosystems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 2209-2214.	0.9	1
240	Statistical analysis of iron geochemical data suggests limited late Proterozoic oxygenation. <i>Nature</i> , 2015, 523, 451-454.	13.7	484
241	Networks and Hierarchies: Approaching Complexity in Evolutionary Theory. <i>Interdisciplinary Evolution Research</i> , 2015, , 183-226.	0.2	24
242	Changes of palaeoenvironmental conditions recorded in Late Devonian reef systems from the Canning Basin, Western Australia: A biomarker and stable isotope approach. <i>Gondwana Research</i> , 2015, 28, 1500-1515.	3.0	52
243	Origins of Biodiversity. <i>PLoS Biology</i> , 2016, 14, e2000724.	2.6	24
244	Severe extinction and rapid recovery of mammals across the Cretaceous–Palaeogene boundary, and the effects of rarity on patterns of extinction and recovery. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1495-1512.	0.8	48
245	The Effect of Taxonomic Corrections on Phanerozoic Generic Richness Trends in Marine Bivalves with a Discussion on the Clade’s Overall History. <i>Paleobiology</i> , 2016, 42, 157-171.	1.3	15
246	Evolution models with extremal dynamics. <i>Heliyon</i> , 2016, 2, e00144.	1.4	0

#	ARTICLE	IF	CITATIONS
247	Biomarker Records Associated with Mass Extinction Events. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 581-612.	4.6	71
248	Quantifying the effects of the break up of Pangaea on global terrestrial diversification with neutral theory. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150221.	1.8	20
249	Biotic and environmental dynamics through the Late Permian to Early Cretaceous transition: evidence for protracted faunal and ecological turnover. <i>Biological Reviews</i> , 2017, 92, 776-814.	4.7	87
250	Allometric models in paleoecology: Trophic relationships among Pleistocene mammals. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 471, 15-30.	1.0	5
251	Models of life: epigenetics, diversity and cycles. <i>Reports on Progress in Physics</i> , 2017, 80, 042601.	8.1	9
252	Developmental push or environmental pull? The causes of macroevolutionary dynamics. <i>History and Philosophy of the Life Sciences</i> , 2017, 39, 36.	0.6	16
253	Evaluating the accuracy of biodiversity changes through geologic times: from simulation to solution. <i>Paleobiology</i> , 2017, 43, 667-692.	1.3	8
254	How should we estimate diversity in the fossil record? Testing richness estimators using sampling-standardised discovery curves. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1386-1400.	2.2	74
255	Integrated foraminifera and $\delta^{13}\text{C}$ stratigraphy across the Cenomanian-Turonian event interval in the eastern Baltic (Lithuania). <i>Swiss Journal of Geosciences</i> , 2018, 111, 341-352.	0.5	0
256	Theory of invasion extinction dynamics in minimal food webs. <i>Physical Review E</i> , 2018, 97, 022404.	0.8	3
257	Episodic events in long-term geological processes: A new classification and its applications. <i>Geoscience Frontiers</i> , 2018, 9, 377-389.	4.3	10
258	Zinc and strontium isotope evidence for climate cooling and constraints on the Frasnian-Famennian (~372 Ma) mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 498, 68-82.	1.0	35
259	Lepidosaurian diversity in the Mesozoic-Palaeogene: the potential roles of sampling biases and environmental drivers. <i>Royal Society Open Science</i> , 2018, 5, 171830.	1.1	33
260	Molecular phylogeny of marine mites (Acariformes: Halacaridae), the oldest radiation of extant secondarily marine animals. <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 182-188.	1.2	18
261	The Palaeozoic colonization of the water column and the rise of global nekton. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180883.	1.2	22
262	CoordinateCleaner: Standardized cleaning of occurrence records from biological collection databases. <i>Methods in Ecology and Evolution</i> , 2019, 10, 744-751.	2.2	473
263	The r package divDyn for quantifying diversity dynamics using fossil sampling data. <i>Methods in Ecology and Evolution</i> , 2019, 10, 735-743.	2.2	73
264	Text-mined fossil biodiversity dynamics using machine learning. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190022.	1.2	9

#	ARTICLE	IF	CITATIONS
265	Ten more years of discovery: revisiting the quality of the sauropodomorph dinosaur fossil record. <i>Palaeontology</i> , 2020, 63, 951-978.	1.0	14
266	Chapter 6â€fJubailaâ€™Arabâ€™Hith sequences. <i>Geological Society Memoir</i> , 2020, 53, 159-186.	0.9	7
267	Chapter 3â€fLithostratigraphy and depositional characteristics, age dating and sequence stratigraphy. <i>Geological Society Memoir</i> , 2020, 53, 37-94.	0.9	6
268	Chapter 5â€fInterpretation of the origin and evolution of the Arabian Intrashelf Basin and the development of the Dhurma Atash, Tuwaiq and Hanifa sequences. <i>Geological Society Memoir</i> , 2020, 53, 113-157.	0.9	7
269	Branching patterns in phylogenies cannot distinguish diversityâ€dependent diversification from timeâ€dependent diversification. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 25-38.	1.1	17
270	A pulse of seafloor oxygenation at the Late Devonian Frasnian-Famennian boundary in South China. <i>Earth-Science Reviews</i> , 2021, 218, 103651.	4.0	5
271	The Sedimentary Geochemistry and Palaeoenvironments Project. <i>Geobiology</i> , 2021, 19, 545-556.	1.1	26
272	Transient ocean oxygenation at end-Permian mass extinction onset shown by thallium isotopes. <i>Nature Geoscience</i> , 2021, 14, 678-683.	5.4	24
275	Carboniferous-earliest Permian marine biodiversification event (CPBE) during the Late Paleozoic Ice Age. <i>Earth-Science Reviews</i> , 2021, 220, 103699.	4.0	21
276	A Reappraisal of the Relationship between Sea Level and Species Richness. <i>Topics in Geobiology</i> , 2008, , 227-261.	0.6	4
278	Minimal SOC: Intermittency in growth and evolution. <i>NATO ASI Series Series B: Physics</i> , 1995, , 295-302.	0.2	1
279	Cretaceous Bio-Events. , 1996, , 285-312.		13
280	Patterns of Phanerozoic Extinction: a Perspective from Global Data Bases. , 1996, , 35-51.		264
281	The Late Triassic Mass Extinction Event. <i>Topics in Geobiology</i> , 2016, , 1-17.	0.6	3
282	Philosophy and Biodiversity. , 2004, , .		13
283	Extinctions in the History of Life. , 2004, , .		8
284	Geographic variation in turnover and recovery from the Late Ordovician mass extinction. <i>Paleobiology</i> , 2007, 33, 435-454.	1.3	16
285	Dynamique spatio-temporelle de la forÃªt tropicale. <i>Annales De Physique</i> , 2000, 25, 1-184.	0.2	11

#	ARTICLE	IF	CITATIONS
287	Late Ordovician extinctions and sea-level change. <i>Journal of the Geological Society</i> , 1995, 152, 899-902.	0.9	5
288	Changes to the Fossil Record of Insects through Fifteen Years of Discovery. <i>PLoS ONE</i> , 2015, 10, e0128554.	1.1	51
290	Taxonomic diversity dynamics of early cretaceous brachiopods and gastropods in the Azerbaijanian domains of the Lesser Caucasus (Neo-Tethys Ocean). <i>Geoloski Anali Balkanskoga Poluostrva</i> , 2014, , 17-31.	0.1	2
292	The Fossil Record of Early Tetrapods: Worker Effort and the End-Permian Mass Extinction. <i>Acta Palaeontologica Polonica</i> , 2010, 55, 229-239.	0.4	17
293	How has our knowledge of dinosaur diversity through geologic time changed through research history?. <i>PeerJ</i> , 2018, 6, e4417.	0.9	16
294	Der Beitrag der Paläontologie zur Biodiversitätsdebatte. <i>Wissenschaftsethik Und Technikfolgenbeurteilung</i> , 2001, , 31-114.	0.8	0
295	IS IT NATURAL TO DRIVE SPECIES TO EXTINCTION?. <i>Ethics and the Environment</i> , 2005, 10, 49-66.	0.3	0
296	Major features of protistan evolution: controversies, problems and a few answers. <i>Anuario Do Instituto De Geociencias</i> , 2006, 29, 55-80.	0.2	4
298	Does versatility as measured by geographic range, bathymetric range and morphological variability contribute to taxon longevity?. <i>Global Ecology and Biogeography</i> , 2006, .	2.7	0
299	Vielfalt. , 2009, , 352-429.		0
300	A Self-Organized Critical Model for Evolution. <i>Springer Series in Synergetics</i> , 1995, , 269-288.	0.2	2
301	TESTING SIMILARITY COEFFICIENTS FOR ANALYSIS OF THE FOSSIL RECORD USING CLUSTERING METHODS: THE PALAEOZOIC FLORA AS A STUDY CASE. <i>Spanish Journal of Paleontology</i> , 2020, 25, 19.	0.0	1
303	The Ordovician diversification of sea urchins: systematics of the Bothriocidaroida (Echinodermata): Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.6	8
304	Calibrating the Ordovician Radiation of marine life: implications for Phanerozoic diversity trends. <i>Paleobiology</i> , 1996, 22, 304-9.	1.3	40
305	Life rather than climate influences diversity at scales greater than 40â€‰million years. <i>Nature</i> , 2022, 607, 307-312.	13.7	10
306	Self-Organized Criticality of Precipitation in the Rainy Season in East China. <i>Atmosphere</i> , 2022, 13, 1038.	1.0	0
308	Enhancing georeferenced biodiversity inventories: automated information extraction from literature records reveal the gaps. <i>PeerJ</i> , 0, 10, e13921.	0.9	0
309	Paleowildfire at the end-Triassic mass extinction: Smoke or fire?. <i>Global and Planetary Change</i> , 2022, 218, 103974.	1.6	5

#	ARTICLE	IF	CITATIONS
310	Principales amenazas a la biodiversidad marina. Actualidades Biológicas, 2017, 35, 111-133.	0.1	3
311	Compound-specific carbon isotope evidence that the initial carbon isotope excursion in the end-Triassic strata in northwest Tethys is not the product of CAMP magmatism. Global and Planetary Change, 2023, 222, 104044.	1.6	1
312	The Extending Ocean Drilling Pursuits (eODP) Project: Synthesizing Scientific Ocean Drilling Data. Geochemistry, Geophysics, Geosystems, 2023, 24, .	1.0	0
314	Taxonomic <i>versus</i> phylogenetic estimates of extinction severity in Devonian terebratulide brachiopod genera. Fossils and Strata, 2008, , 75-85.	2.0	0
317	Extinction in the Fossil Record. , 2024, , 319-335.		0