

Michael J. Benton

List of Publications by Year in descending order

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592
papers

24,603
citations

8755

77
h-index

16186

128
g-index

646
all docs

646
docs citations

646
times ranked

13487
citing authors

#	ARTICLE	IF	CITATIONS
1	Paleontological Evidence to Date the Tree of Life. <i>Molecular Biology and Evolution</i> , 2006, 24, 26-53.	3.5	834
2	Best Practices for Justifying Fossil Calibrations. <i>Systematic Biology</i> , 2012, 61, 346-359.	2.7	616
3	The timing and pattern of biotic recovery following the end-Permian mass extinction. <i>Nature Geoscience</i> , 2012, 5, 375-383.	5.4	614
4	Diversification and extinction in the history of life. <i>Science</i> , 1995, 268, 52-58.	6.0	578
5	How to kill (almost) all life: the end-Permian extinction event. <i>Trends in Ecology and Evolution</i> , 2003, 18, 358-365.	4.2	436
6	The Red Queen and the Court Jester: Species Diversity and the Role of Biotic and Abiotic Factors Through Time. <i>Science</i> , 2009, 323, 728-732.	6.0	418
7	Superiority, Competition, and Opportunism in the Evolutionary Radiation of Dinosaurs. <i>Science</i> , 2008, 321, 1485-1488.	6.0	361
8	Rocks and clocks: calibrating the Tree of Life using fossils and molecules. <i>Trends in Ecology and Evolution</i> , 2007, 22, 424-431.	4.2	360
9	Dinosaurs and the Cretaceous Terrestrial Revolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2483-2490.	1.2	274
10	Classification and phylogeny of the diapsid reptiles. <i>Zoological Journal of the Linnean Society</i> , 1985, 84, 97-164.	1.0	270
11	Fossilized melanosomes and the colour of Cretaceous dinosaurs and birds. <i>Nature</i> , 2010, 463, 1075-1078.	13.7	255
12	Ecosystem remodelling among vertebrates at the Permian–Triassic boundary in Russia. <i>Nature</i> , 2004, 432, 97-100.	13.7	248
13	Recovery from the most profound mass extinction of all time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 759-765.	1.2	247
14	Dating the Tree of Life. <i>Science</i> , 2003, 300, 1698-1700.	6.0	229
15	Early Jurassic mass extinction: A global long-term event. <i>Geology</i> , 1995, 23, 495.	2.0	228
16	Phylogeny of the major tetrapod groups: Morphological data and divergence dates. <i>Journal of Molecular Evolution</i> , 1990, 30, 409-424.	0.8	224
17	The origin and early radiation of dinosaurs. <i>Earth-Science Reviews</i> , 2010, 101, 68-100.	4.0	224
18	Impacts of global warming on Permo-Triassic terrestrial ecosystems. <i>Gondwana Research</i> , 2014, 25, 1308-1337.	3.0	209

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19	The evolution of large size: how does Cope's Rule work?. <i>Trends in Ecology and Evolution</i> , 2005, 20, 4-6.	4.2	208
20	The higher-level phylogeny of Archosauria (Tetrapoda: Diapsida). <i>Journal of Systematic Palaeontology</i> , 2010, 8, 3-47.	0.6	202
21	A Jurassic ceratosaur from China helps clarify avian digital homologies. <i>Nature</i> , 2009, 459, 940-944.	13.7	195
22	Early dinosaurs: A phylogenetic study. <i>Journal of Systematic Palaeontology</i> , 2006, 4, 309-358.	0.6	190
23	Quality of the fossil record through time. <i>Nature</i> , 2000, 403, 534-537.	13.7	187
24	<i>Scleromochlus taylori</i> and the origin of dinosaurs and pterosaurs. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1423-1446.	1.8	180
25	Dinosaur Success in the Triassic: A Noncompetitive Ecological Model. <i>Quarterly Review of Biology</i> , 1983, 58, 29-55.	0.0	178
26	Criticality and scaling in evolutionary ecology. <i>Trends in Ecology and Evolution</i> , 1999, 14, 156-160.	4.2	167
27	Uncertain turtle relationships. <i>Nature</i> , 1997, 387, 466-466.	13.7	165
28	HOW DID LIFE BECOME SO DIVERSE? THE DYNAMICS OF DIVERSIFICATION ACCORDING TO THE FOSSIL RECORD AND MOLECULAR PHYLOGENETICS. <i>Palaeontology</i> , 2007, 50, 23-40.	1.0	165
29	PROGRESS AND COMPETITION IN MACROEVOLUTION. <i>Biological Reviews</i> , 1987, 62, 305-338.	4.7	159
30	Self-similarity of extinction statistics in the fossil record. <i>Nature</i> , 1997, 388, 764-767.	13.7	156
31	Rainforest collapse triggered Carboniferous tetrapod diversification in Euramerica. <i>Geology</i> , 2010, 38, 1079-1082.	2.0	150
32	Complete biotic and sedimentary records of the Permian–Triassic transition from Meishan section, South China: Ecologically assessing mass extinction and its aftermath. <i>Earth-Science Reviews</i> , 2015, 149, 67-107.	4.0	149
33	Links between global taxonomic diversity, ecological diversity and the expansion of vertebrates on land. <i>Biology Letters</i> , 2010, 6, 544-547.	1.0	140
34	Testing the quality of the fossil record: Paleontological knowledge is improving. <i>Geology</i> , 1994, 22, 111.	2.0	137
35	Dinosaurs and the island rule: The dwarfed dinosaurs from HaÅeg Island. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 293, 438-454.	1.0	134
36	Stems, nodes, crown clades, and rank-free lists: is Linnaeus dead?. <i>Biological Reviews</i> , 2000, 75, 633-648.	4.7	129

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37	Speciation in the fossil record. <i>Trends in Ecology and Evolution</i> , 2001, 16, 405-411.	4.2	128
38	A new feathered maniraptoran dinosaur fossil that fills a morphological gap in avian origin. <i>Science Bulletin</i> , 2009, 54, 430-435.	4.3	128
39	The Agenda Setting Function of the Mass Media At Three Levels of "Information Holding". <i>Communication Research</i> , 1976, 3, 261-274.	3.9	126
40	The origins of modern biodiversity on land. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3667-3679.	1.8	126
41	Exceptional vertebrate biotas from the Triassic of China, and the expansion of marine ecosystems after the Permo-Triassic mass extinction. <i>Earth-Science Reviews</i> , 2013, 125, 199-243.	4.0	123
42	Grit not grass: Concordant patterns of early origin of hypsodonty in Great Plains ungulates and Glires. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 365-366, 1-10.	1.0	122
43	The vertebrates of the Jurassic Daohugou Biota of northeastern China. <i>Journal of Vertebrate Paleontology</i> , 2014, 34, 243-280.	0.4	121
44	Lazarus taxa and fossil abundance at times of biotic crisis. <i>Journal of the Geological Society</i> , 1999, 156, 453-456.	0.9	120
45	Anatomy and systematics of the prosauropod dinosaur <i>Thecodontosaurus antiquus</i> from the upper Triassic of southwest England. <i>Journal of Vertebrate Paleontology</i> , 2000, 20, 77-108.	0.4	120
46	The Angiosperm Terrestrial Revolution and the origins of modern biodiversity. <i>New Phytologist</i> , 2022, 233, 2017-2035.	3.5	119
47	The Luoping biota: exceptional preservation, and new evidence on the Triassic recovery from end-Permian mass extinction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2274-2282.	1.2	116
48	A Jurassic ornithischian dinosaur from Siberia with both feathers and scales. <i>Science</i> , 2014, 345, 451-455.	6.0	116
49	Characterization of pulmonary function in Duchenne Muscular Dystrophy. <i>Pediatric Pulmonology</i> , 2015, 50, 487-494.	1.0	116
50	Extinction and dawn of the modern world in the Carnian (Late Triassic). <i>Science Advances</i> , 2020, 6, .	4.7	116
51	The Triassic reptile <i>Hyperodapedon</i> from Elgin: functional morphology and relationships. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1983, 302, 605-718.	2.4	114
52	The first 50 Myr of dinosaur evolution: macroevolutionary pattern and morphological disparity. <i>Biology Letters</i> , 2008, 4, 733-736.	1.0	114
53	Fossil Reptiles of Great Britain. , 1995, , .		111
54	Models for the Rise of the Dinosaurs. <i>Current Biology</i> , 2014, 24, R87-R95.	1.8	111

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55	A geochemical method to trace the taphonomic history of reworked bones in sedimentary settings. <i>Geology</i> , 1997, 25, 263.	2.0	108
56	More than one event in the late Triassic mass extinction. <i>Nature</i> , 1986, 321, 857-861.	13.7	107
57	Dinosaurs and other fossil vertebrates from fluvial deposits in the Lower Cretaceous of southern Tunisia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 157, 227-246.	1.0	107
58	Alzheimer-like neurotransmitter deficits in adult Down's syndrome brain tissue.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1987, 50, 775-778.	0.9	104
59	Interplay of tectonics and climate on a transverse fluvial system, Upper Permian, Southern Uralian Foreland Basin, Russia. <i>Sedimentary Geology</i> , 1999, 127, 11-29.	1.0	104
60	Early origins of modern birds and mammals: molecules vs. morphology. <i>BioEssays</i> , 1999, 21, 1043-1051.	1.2	104
61	Mass extinction among non-marine tetrapods. <i>Nature</i> , 1985, 316, 811-814.	13.7	103
62	Catastrophic ocean acidification at the Triassic-Jurassic boundary. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2008, 249, 119-127.	0.2	102
63	Dinosaur diversification linked with the Carnian Pluvial Episode. <i>Nature Communications</i> , 2018, 9, 1499.	5.8	101
64	A new Berriasian species of <i>Goniopholis</i> (Mesoeucrocodylia, Neosuchia) from England, and a review of the genus. <i>Zoological Journal of the Linnean Society</i> , 2011, 163, S66-S108.	1.0	100
65	Resetting the evolution of marine reptiles at the Triassic-Jurassic boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8339-8344.	3.3	100
66	Untangling the dinosaur family tree. <i>Nature</i> , 2017, 551, E1-E3.	13.7	99
67	The radiation of cynodonts and the ground plan of mammalian morphological diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131865.	1.2	97
68	Triassic environments, climates and reptile evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1982, 40, 361-379.	1.0	94
69	The quality of the fossil record of Mesozoic birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 289-294.	1.2	93
70	The Pennsylvanian tropical biome reconstructed from the Joggins Formation of Nova Scotia, Canada. <i>Journal of the Geological Society</i> , 2006, 163, 561-576.	0.9	91
71	Biodiversity on land and in the sea. <i>Geological Journal</i> , 2001, 36, 211-230.	0.6	90
72	A Feathered Dinosaur Tail with Primitive Plumage Trapped in Mid-Cretaceous Amber. <i>Current Biology</i> , 2016, 26, 3352-3360.	1.8	90

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73	Permian–Triassic Oceanic Steichthyes (bony fishes): diversity dynamics and body size evolution. <i>Biological Reviews</i> , 2016, 91, 106-147.	4.7	88
74	Macroevolutionary trends in the Dinosauria: Cope's rule. <i>Journal of Evolutionary Biology</i> , 2005, 18, 587-595.	0.8	86
75	<i>Vertebrate Palaeontology</i> , 1997, . . .		85
76	Ontogeny and the fossil record: what, if anything, is an adult dinosaur?. <i>Biology Letters</i> , 2016, 12, 20150947.	1.0	85
77	Models for the diversification of life. <i>Trends in Ecology and Evolution</i> , 1997, 12, 490-495.	4.2	83
78	The soft tissue of <i>Jeholopterus</i> (Pterosauria, Anurognathidae, Batrachognathinae) and the structure of the pterosaur wing membrane. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 321-329.	1.2	83
79	Acute Reversible Hypoxemia in Systemic Lupus Erythematosus. <i>Annals of Internal Medicine</i> , 1991, 114, 941-947.	2.0	82
80	A primitive confuciusornithid bird from China and its implications for early avian flight. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 625-639.	0.9	82
81	Palaeoecology of the Late Triassic extinction event in the SW UK. <i>Journal of the Geological Society</i> , 2008, 165, 319-332.	0.9	81
82	Congruence of Morphological and Molecular Phylogenies. <i>Acta Biotheoretica</i> , 2007, 55, 269-281.	0.7	80
83	Does mutual sexual selection explain the evolution of head crests in pterosaurs and dinosaurs?. <i>Lethaia</i> , 2012, 45, 139-156.	0.6	80
84	Dinosaurs in decline tens of millions of years before their final extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5036-5040.	3.3	80
85	Feeding behaviour and bone utilization by theropod dinosaurs. <i>Lethaia</i> , 2010, 43, 232-244.	0.6	79
86	Sexual selection in prehistoric animals: detection and implications. <i>Trends in Ecology and Evolution</i> , 2013, 28, 38-47.	4.2	77
87	<i>Pelagosaurus typus</i> Bronn, 1841 (Mesoeucrocodylia: Thalattosuchia) from the Upper Lias (Toarcian.) <i>TJ ETQq1 1 0.784314 rgBT /Overlo</i>	0.4	76
88	Assessing the quality of the fossil record: insights from vertebrates. <i>Geological Society Special Publication</i> , 2011, 358, 63-94.	0.8	76
89	Disruption of lacustrine depositional systems at the Permo-Triassic boundary: evidence from Vyazniki and Gorokhovets on the Russian Platform. <i>Journal of the Geological Society</i> , 2010, 167, 695-716.	0.9	74
90	Mummified precocial bird wings in mid-Cretaceous Burmese amber. <i>Nature Communications</i> , 2016, 7, 12089.	5.8	74

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91	Dinosaurs and other fossil vertebrates from the Late Jurassic and Early Cretaceous of the Galve area, NE Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 249, 180-215.	1.0	73
92	Decoupling of morphological disparity and taxic diversity during the adaptive radiation of anomodont therapsids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131071.	1.2	73
93	Hyperthermal-driven mass extinctions: killing models during the Permian–Triassic mass extinction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170076.	1.6	73
94	Constraints on the timescale of animal evolutionary history. <i>Palaeontologia Electronica</i> , 0, , .	0.9	71
95	The Triassic reptiles <i>Brachyrhinodon</i> and <i>Polysphenodon</i> and the relationships of the sphenodontids. <i>Zoological Journal of the Linnean Society</i> , 1989, 96, 413-445.	1.0	69
96	The first half of tetrapod evolution, sampling proxies, and fossil record quality. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 372, 18-41.	1.0	69
97	A supertree of Temnospondyli: cladogenetic patterns in the most species-rich group of early tetrapods. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 3087-3095.	1.2	68
98	A genus-level supertree of the Dinosauria. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 915-921.	1.2	67
99	Post-Cambrian closure of the deep-water slope-basin taphonomic window. <i>Geology</i> , 2003, 31, 769.	2.0	67
100	Sea surface temperature contributes to marine crocodylomorph evolution. <i>Nature Communications</i> , 2014, 5, 4658.	5.8	67
101	Pterosaur integumentary structures with complex feather-like branching. <i>Nature Ecology and Evolution</i> , 2019, 3, 24-30.	3.4	67
102	The species of <i>Rhyncosaurus</i> , a rhynchosaur (Reptilia, Diapsida) from the Middle Triassic of England. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1990, 328, 213-306.	2.4	63
103	Missing data and rhynchosaur phylogeny. <i>Historical Biology</i> , 1995, 10, 137-150.	0.7	63
104	Tetrapod localities from the Triassic of the SE of European Russia. <i>Earth-Science Reviews</i> , 2003, 60, 1-66.	4.0	63
105	HIGH RATES OF EVOLUTION PRECEDED THE ORIGIN OF BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1497-1510.	1.1	63
106	Pedal Claw Curvature in Birds, Lizards and Mesozoic Dinosaurs – Complicated Categories and Compensating for Mass-Specific and Phylogenetic Control. <i>PLoS ONE</i> , 2012, 7, e50555.	1.1	63
107	Body Size Distribution of the Dinosaurs. <i>PLoS ONE</i> , 2012, 7, e51925.	1.1	63
108	What really happened in the late Triassic?. <i>Historical Biology</i> , 1991, 5, 263-278.	0.7	62

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109	Upper Permian vertebrates and their sedimentological context in the South Urals, Russia. <i>Earth-Science Reviews</i> , 2005, 69, 27-77.	4.0	62
110	Macroevolutionary patterns in the evolutionary radiation of archosaurs (Tetrapoda: Diapsida). <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2010, 101, 367-382.	0.3	62
111	Ecomorphological diversifications of Mesozoic marine reptiles: the roles of ecological opportunity and extinction. <i>Paleobiology</i> , 2016, 42, 547-573.	1.3	62
112	Early radiation of the Neoselachian sharks in Western Europe. <i>Geobios</i> , 1999, 32, 193-204.	0.7	61
113	Body size evolution in Mesozoic birds. <i>Journal of Evolutionary Biology</i> , 2008, 21, 618-624.	0.8	59
114	Geochemical taphonomy of shallow marine vertebrate assemblages. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 197, 151-169.	1.0	58
115	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
116	Historical tests of the absolute completeness of the fossil record of tetrapods. <i>Paleobiology</i> , 1990, 16, 322-335.	1.3	57
117	The first definitive carcharodontosaurid (Dinosauria: Theropoda) from Asia and the delayed ascent of tyrannosaurids. <i>Die Naturwissenschaften</i> , 2009, 96, 1051-1058.	0.6	55
118	Congruence between parsimony and stratigraphy: comparisons of three indices. <i>Paleobiology</i> , 1997, 23, 20-32.	1.3	54
119	Palaeobiogeographic relationships of the HaÅeg biota â Between isolation and innovation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 293, 419-437.	1.0	54
120	Histology and postural change during the growth of the ceratopsian dinosaur <i>Psittacosaurus lujiatunensis</i> . <i>Nature Communications</i> , 2013, 4, 2079.	5.8	54
121	The Fossil Calibration DatabaseâA New Resource for Divergence Dating. <i>Systematic Biology</i> , 2015, 64, 853-859.	2.7	54
122	Trace fossils from Lower Palaeozoic ocean-floor sediments of the Southern Uplands of Scotland. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 1982, 73, 67-87.	1.0	53
123	Tetrapod postural shift estimated from Permian and Triassic trackways. <i>Palaeontology</i> , 2009, 52, 1029-1037.	1.0	53
124	Biostratigraphic correlation and mass extinction during the Permian-Triassic transition in terrestrial-marine siliciclastic settings of South China. <i>Global and Planetary Change</i> , 2016, 146, 67-88.	1.6	53
125	Belowground rhizomes in paleosols: The hidden half of an Early Devonian vascular plant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9451-9456.	3.3	53
126	On the evolution of extreme structures: static scaling and the function of sexually selected signals. <i>Animal Behaviour</i> , 2018, 144, 95-108.	0.8	53

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127	Palaeontological data and identifying mass extinctions. <i>Trends in Ecology and Evolution</i> , 1994, 9, 181-185.	4.2	52
128	CALIBRATED DIVERSITY, TREE TOPOLOGY AND THE MOTHER OF MASS EXTINCTIONS: THE LESSON OF TEMNOSPONDYLS. <i>Palaeontology</i> , 2008, 51, 1261-1288.	1.0	52
129	A new, large tyrannosaurine theropod from the Upper Cretaceous of China. <i>Cretaceous Research</i> , 2011, 32, 495-503.	0.6	52
130	No gap in the Middle Permian record of terrestrial vertebrates. <i>Geology</i> , 2012, 40, 339-342.	2.0	52
131	Erpetosuchus, a crocodile-like basal archosaur from the Late Triassic of Elgin, Scotland. <i>Zoological Journal of the Linnean Society</i> , 2002, 136, 25-47.	1.0	51
132	A monodactyl nonavian dinosaur and the complex evolution of the alvarezsauroid hand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2338-2342.	3.3	51
133	Mass extinctions among tetrapods and the quality of the fossil record. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1989, 325, 369-386.	2.4	50
134	Aspects of the thermal ecology of the rusty crayfish <i>Orconectes rusticus</i> (Girard). <i>Oecologia</i> , 1990, 82, 210-216.	0.9	50
135	Assessing Congruence Between Cladistic and Stratigraphic Data. <i>Systematic Biology</i> , 1999, 48, 581-596.	2.7	50
136	Exploring macroevolution using modern and fossil data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150569.	1.2	50
137	Palaeoenvironments of vertebrates on the southern shore of Tethys: The nonmarine Early Cretaceous of Tunisia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 243, 118-131.	1.0	49
138	Evolution of morphological disparity in pterosaurs. <i>Journal of Systematic Palaeontology</i> , 2011, 9, 337-353.	0.6	49
139	Disentangling rock record bias and common-cause from redundancy in the British fossil record. <i>Nature Communications</i> , 2014, 5, 4818.	5.8	49
140	MARINE REPTILES FROM THE UPPER LIAS (LOWER TOARCIAN, LOWER JURASSIC) OF THE YORKSHIRE COAST. <i>Proceedings of the Yorkshire Geological Society</i> , 1984, 44, 399-429.	0.2	48
141	The basicranium of dicynodonts (Synapsida) and its use in phylogenetic analysis. <i>Palaeontology</i> , 2004, 47, 619-638.	1.0	48
142	Early Triassic wrinkle structures on land: stressed environments and oases for life. <i>Scientific Reports</i> , 2015, 5, 10109.	1.6	48
143	Ecology of earliest reptiles inferred from basal Pennsylvanian trackways. <i>Journal of the Geological Society</i> , 2007, 164, 1113-1118.	0.9	47
144	A NEW METRIORHYNCHID CROCODYLIAN (MESOELUCROCODYLIA: THALATTOSUCHIA) FROM THE KIMMERIDGIAN (UPPER JURASSIC) OF WILTSHIRE, UK. <i>Palaeontology</i> , 2008, 51, 1307-1333.	1.0	47

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145	The Early Origin of Feathers. <i>Trends in Ecology and Evolution</i> , 2019, 34, 856-869.	4.2	47
146	Studying Function and Behavior in the Fossil Record. <i>PLoS Biology</i> , 2010, 8, e1000321.	2.6	46
147	The Extent of the Pterosaur Flight Membrane. <i>Acta Palaeontologica Polonica</i> , 2011, 56, 99-111.	0.4	46
148	The Carnian Pluvial Episode and the origin of dinosaurs. <i>Journal of the Geological Society</i> , 2018, 175, 1019-1026.	0.9	46
149	Origin and Relationships of Dinosauria. , 2004, , 6-19.		46
150	Testing the quality of the fossil record by groups and by major habitats. <i>Historical Biology</i> , 1996, 12, 111-157.	0.7	45
151	The Fossil Record of Cretaceous Tetrapods. <i>Palaios</i> , 2000, 15, 161-165.	0.6	45
152	A gigantic nothosaur (Reptilia: Sauropterygia) from the Middle Triassic of SW China and its implication for the Triassic biotic recovery. <i>Scientific Reports</i> , 2014, 4, 7142.	1.6	45
153	A Century of Spinosaurus - A Review and Revision of the Spinosauridae with Comments on Their Ecology. <i>Acta Geologica Sinica</i> , 2017, 91, 1120-1132.	0.8	45
154	Use of the aquatic oligochaetes <i>Lumbriculus variegatus</i> and <i>Tubifex tubifex</i> for assessing the toxicity of copper and cadmium in a spiked-artificial-sediment toxicity test. <i>Environmental Toxicology</i> , 1999, 14, 271-278.	2.1	44
155	Lilliput effect in freshwater ostracods during the Permian–Triassic extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 38-52.	1.0	44
156	Severe selenium depletion in the Phanerozoic oceans as a factor in three global mass extinction events. <i>Gondwana Research</i> , 2016, 36, 209-218.	3.0	44
157	Macroevolutionary patterns in Rhynchocephalia: is the tuatara (<i>Sphenodon punctatus</i>) a living fossil?. <i>Palaeontology</i> , 2017, 60, 319-328.	1.0	44
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