

Michael J. Benton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

532
papers

19,267
citations

71
h-index

116
g-index

641
ext. papers

21,814
ext. citations

7.9
avg, IF

7.36
L-index

#	Paper	IF	Citations
532	Walking with early dinosaurs: appendicular myology of the Late Triassic sauropodomorph .. <i>Royal Society Open Science</i> , 2022 , 9, 211356	3.3	0
531	Reply to: 'Reconstructed evolutionary patterns from crocodile-line archosaurs demonstrate the impact of failure to log-transform body size data'.. <i>Communications Biology</i> , 2022 , 5, 170	6.7	
530	Large size in aquatic tetrapods compensates for high drag caused by extreme body proportions.. <i>Communications Biology</i> , 2022 , 5, 380	6.7	1
529	Global diversity dynamics in the fossil record are regionally heterogeneous.. <i>Nature Communications</i> , 2022 , 13, 2751	17.4	1
528	Ontogenetic endocranial shape change in alligators and ostriches and implications for the development of the non-avian dinosaur endocranium. <i>Anatomical Record</i> , 2021 , 304, 1759-1775	2.1	8
527	Evolution of ecospace occupancy by Mesozoic marine tetrapods. <i>Palaeontology</i> , 2021 , 64, 31-49	2.9	6
526	An injured pachypleurosauro (Diapsida: Sauropterygia) from the Middle Triassic Luoping Biota indicating predation pressure in the Mesozoic. <i>Scientific Reports</i> , 2021 , 11, 21818	4.9	1
525	A thing with feathers. <i>Current Biology</i> , 2021 , 31, R1406-R1409	6.3	0
524	The Angiosperm Terrestrial Revolution and the origins of modern biodiversity. <i>New Phytologist</i> , 2021 ,	9.8	11
523	Plant resilience and extinctions through the Permian to Middle Triassic on the North China Block: A multilevel diversity analysis of macrofossil records. <i>Earth-Science Reviews</i> , 2021 , 103846	10.2	2
522	Phylogenetic classification and evolution of Early Triassic conodonts. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021 , 110731	2.9	1
521	Ecological dynamics of terrestrial and freshwater ecosystems across three mid-Phanerozoic mass extinctions from northwest China. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210148	4.4	2
520	Testing for a dietary shift in the Early Cretaceous ceratopsian dinosaur <i>Psittacosaurus lujiatunensis</i> . <i>Palaeontology</i> , 2021 , 64, 371-384	2.9	0
519	Ecomorphological diversification of squamates in the Cretaceous. <i>Royal Society Open Science</i> , 2021 , 8, 201961	3.3	5
518	Ecological opportunity and the rise and fall of crocodylomorph evolutionary innovation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210069	4.4	15
517	Microvertebrates from the Rhaetian basal bone bed of Saltford, near Bath, SW England. <i>Proceedings of the Geologists Association</i> , 2021 , 132, 174-187	1.1	2
516	Niche partitioning shaped herbivore macroevolution through the early Mesozoic. <i>Nature Communications</i> , 2021 , 12, 2796	17.4	3

515	Dinosaur biodiversity declined well before the asteroid impact, influenced by ecological and environmental pressures. <i>Nature Communications</i> , 2021 , 12, 3833	17.4	8
514	Environmental drivers of body size evolution in crocodile-line archosaurs. <i>Communications Biology</i> , 2021 , 4, 38	6.7	15
513	Testing the relationship between marine transgression and evolving island palaeogeography using 3D GIS: an example from the Late Triassic of SW England. <i>Journal of the Geological Society</i> , 2021 , 178, jgs2020-158	2.7	3
512	Reply to Walkden, Fraser and Simms (2021): The age and formation mechanisms of Late Triassic fissure deposits, Gloucestershire, England: Comments on Mussini, G., Whiteside, D. I., Hildebrandt C. and Benton M.J.. <i>Proceedings of the Geologists Association</i> , 2021 , 132, 138-141	1.1	2
511	Decoupling of morphological disparity and taxonomic diversity during the end-Permian mass extinction. <i>Paleobiology</i> , 2021 , 47, 402-417	2.6	5
510	Strong support for a heterogeneous speciation decline model in Dinosauria: a response to claims made by Bonsor . (2020). <i>Royal Society Open Science</i> , 2021 , 8, 202143	3.3	1
509	Growth and miniaturization among alvarezsauroid dinosaurs. <i>Current Biology</i> , 2021 , 31, 3687-3693.e5	6.3	4
508	Triassic tragedy bone bed in the Otter Sandstone of East Devon, south-west England. <i>Geology Today</i> , 2021 , 37, 176-183	0.4	1
507	The braincase, brain and palaeobiology of the basal sauropodomorph dinosaur Thecodontosaurus antiquus. <i>Zoological Journal of the Linnean Society</i> , 2020 ,	2.4	6
506	Fish and crab coprolites from the latest Triassic of the UK: From Buckland to the Mesozoic Marine Revolution. <i>Proceedings of the Geologists Association</i> , 2020 , 131, 699-721	1.1	4
505	Beginning of Mesozoic marine overstep of the Mendips: The Rhaetian and its fauna at Hapsford Bridge, Vallis Vale, Somerset, UK. <i>Proceedings of the Geologists Association</i> , 2020 , 131, 578-594	1.1	3
504	Geological control on dinosaurs rise to dominance: Late Triassic ecosystem stress by relative sea level change. <i>Terra Nova</i> , 2020 , 32, 434-441	3	3
503	Biomechanical properties of the jaws of two species of Clevosaurus and a reanalysis of rhyngocephalian dentary morphospace. <i>Palaeontology</i> , 2020 , 63, 919-939	2.9	3
502	Predicting biotic responses to future climate warming with classic ecogeographic rules. <i>Current Biology</i> , 2020 , 30, R744-R749	6.3	9
501	The impact of the Pull of the Recent on extant elasmobranchs. <i>Palaeontology</i> , 2020 , 63, 369-374	2.9	2
500	Reprint of: Gondolelloid multielement conodont apparatus (Nicoraella) from the Middle Triassic of Yunnan Province, southwestern China Palaeogeography, Palaeoclimatology, Palaeoecology, 2020 , 549, 109670	2.9	
499	Experimental investigation of insect deposition in lentic environments and implications for formation of Konservat Lagerstätten. <i>Palaeontology</i> , 2020 , 63, 565-578	2.9	1
498	Three-dimensional tomographic study of dermal armour from the tail of the Triassic aetosaur Stagonolepis robertsoni. <i>Scottish Journal of Geology</i> , 2020 , 56, 55-62	1.4	3

497	Intensifying aeolian activity following the end-Permian mass extinction: Evidence from the Late Permian-Early Triassic terrestrial sedimentary record of the Ordos Basin, North China. <i>Sedimentology</i> , 2020 , 67, 2691-2720	3.3	8
496	Reply to: No protofeathers on pterosaurs. <i>Nature Ecology and Evolution</i> , 2020 , 4, 1592-1593	12.3	1
495	The oldest lambeosaurine dinosaur from Europe: Insights into the arrival of Tsintaosaurini. <i>Cretaceous Research</i> , 2020 , 107, 104286	1.8	6
494	Morphological disparity in theropod jaws: comparing discrete characters and geometric morphometrics. <i>Palaeontology</i> , 2020 , 63, 283-299	2.9	12
493	Anatomy of a Late Triassic Bristol fissure: Tytherington fissure 2. <i>Proceedings of the Geologists Association</i> , 2020 , 131, 73-93	1.1	5
492	Variable preservation potential and richness in the fossil record of vertebrates. <i>Palaeontology</i> , 2020 , 63, 313-329	2.9	5
491	Early Triassic terrestrial tetrapod fauna: a review. <i>Earth-Science Reviews</i> , 2020 , 210, 103331	10.2	13
490	The origin of endothermy in synapsids and archosaurs and arms races in the Triassic. <i>Gondwana Research</i> , 2020 ,	5.1	8
489	Reptile-like physiology in Early Jurassic stem-mammals. <i>Nature Communications</i> , 2020 , 11, 5121	17.4	15
488	An Enigmatic Neodiapsid Reptile from the Middle Triassic of England. <i>Journal of Vertebrate Paleontology</i> , 2020 , 40, e1781143	1.7	5
487	Response to Delhey et al. <i>Current Biology</i> , 2020 , 30, R1408	6.3	1
486	Late Triassic island dwarfs? Terrestrial tetrapods of the Ruthin fissure (South Wales, UK) including a new genus of procolophonid. <i>Proceedings of the Geologists Association</i> , 2020 , 131, 535-561	1.1	7
485	Verifiability of genus-level classification under quantification and parsimony theories: a case study of follicucullid radiolarians. <i>Paleobiology</i> , 2020 , 46, 337-355	2.6	5
484	Footprints of marine reptiles from the Middle Triassic (Anisian-Ladinian) Guanling Formation of Guizhou Province, southwestern China: The earliest evidence of synchronous style of swimming. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 558, 109943	2.9	4
483	150 million years of sustained increase in pterosaur flight efficiency. <i>Nature</i> , 2020 , 587, 83-86	50.4	1
482	Migration controls extinction and survival patterns of foraminifers during the Permian-Triassic crisis in South China. <i>Earth-Science Reviews</i> , 2020 , 209, 103329	10.2	8
481	Body dimensions of the extinct giant shark <i>Otodus megalodon</i> : a 2D reconstruction. <i>Scientific Reports</i> , 2020 , 10, 14596	4.9	10
480	An effect size statistical framework for investigating sexual dimorphism in non-avian dinosaurs and other extinct taxa. <i>Biological Journal of the Linnean Society</i> , 2020 , 131, 231-273	1.9	4

479	Extinction and dawn of the modern world in the Carnian (Late Triassic). <i>Science Advances</i> , 2020 , 6,	14.3	40
478	Osteological redescription of the Late Triassic sauropodomorph dinosaur <i>Thecodontosaurus antiquus</i> based on new material from Tytherington, southwestern England. <i>Journal of Vertebrate Paleontology</i> , 2020 , 40, e1770774	1.7	7
477	A new crurotarsan archosaur from the Late Triassic of South Wales. <i>Journal of Vertebrate Paleontology</i> , 2019 , 39, e1645147	1.7	2
476	Ontogenetic braincase development in (Dinosauria: Ceratopsia) using micro-computed tomography. <i>PeerJ</i> , 2019 , 7, e7217	3.1	12
475	Microvertebrates from the Wadhurst Clay Formation (Lower Cretaceous) of Ashdown Brickworks, East Sussex, UK. <i>Proceedings of the Geologists Association</i> , 2019 , 130, 752-769	1.1	3
474	The Early Triassic Jurong fish fauna, South China: Age, anatomy, taphonomy, and global correlation. <i>Global and Planetary Change</i> , 2019 , 180, 33-50	4.2	7
473	The Early Origin of Feathers. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 856-869	10.9	18
472	Diverse earliest Triassic ostracod fauna of the non-microbialite-bearing shallow marine carbonates of the Yangou section, South China. <i>Lethaia</i> , 2019 , 52, 583-596	1.3	6
471	Apparatus architecture of the conodont <i>Nicoraella kockeli</i> (Gondolelloidea, Prioniodinina) constrains functional interpretations. <i>Palaeontology</i> , 2019 , 62, 823-835	2.9	1
470	Morphological innovation and the evolution of hadrosaurid dinosaurs. <i>Paleobiology</i> , 2019 , 45, 347-362	2.6	11
469	Effects of body plan evolution on the hydrodynamic drag and energy requirements of swimming in ichthyosaurs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182786	4.4	16
468	Does exceptional preservation distort our view of disparity in the fossil record?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190091	4.4	12
467	Convergence and functional evolution of longirostry in crocodylomorphs. <i>Palaeontology</i> , 2019 , 62, 867-887	2.9	18
466	Environmental instability prior to end-Permian mass extinction reflected in biotic and facies changes on shallow carbonate platforms of the Nanpanjiang Basin (South China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 519, 23-36	2.9	14
465	Middle Triassic conodont apparatus architecture revealed by synchrotron X-ray microtomography. <i>Palaeoworld</i> , 2019 , 28, 429-440	1.8	9
464	Gondolelloid multielement conodont apparatus (<i>Nicoraella</i>) from the Middle Triassic of Yunnan Province, southwestern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 522, 98-110	2.9	12
463	The mosasaur fossil record through the lens of fossil completeness. <i>Palaeontology</i> , 2019 , 62, 51-75	2.9	8
462	Altered fluvial patterns in North China indicate rapid climate change linked to the Permian-Triassic mass extinction. <i>Scientific Reports</i> , 2019 , 9, 16818	4.9	20

461	Pterosaur integumentary structures with complex feather-like branching. <i>Nature Ecology and Evolution</i> , 2019 , 3, 24-30	12.3	39
460	Reply to comments on: Macroevolutionary patterns in Rhynchocephalia: is the tuatara (<i>Sphenodon punctatus</i>) a living fossil?. <i>Palaeontology</i> , 2019 , 62, 335-338	2.9	1
459	The stem group teleost <i>Pachycormus</i> (<i>Pachycormiformes</i> : <i>Pachycormidae</i>) from the Upper Lias (Lower Jurassic) of Strawberry Bank, UK. <i>Palaontologische Zeitschrift</i> , 2019 , 93, 285-302	1.2	5
458	The Middle Triassic procolophonid <i>Kapes bentoni</i> : computed tomography of the skull and skeleton. <i>Papers in Palaeontology</i> , 2019 , 5, 111-138	2.5	8
457	Palaeoenvironmental reconstruction and biostratigraphic analysis of the Jurassic Yanliao Lagerstätte in northeastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 514, 739-753	2.9	5
456	Archosauromorph extinction selectivity during the Triassic-Jurassic mass extinction. <i>Palaeontology</i> , 2019 , 62, 211-224	2.9	12
455	Mixed continental-marine biotas following the Permian-Triassic mass extinction in South and North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 519, 95-107	2.9	22
454	The Middle Triassic (Anisian) Otter Sandstone biota (Devon, UK): review, recent discoveries and ways ahead. <i>Proceedings of the Geologists Association</i> , 2019 , 130, 294-306	1.1	6
453	Early Middle Triassic trace fossils from the Luoping Biota, southwestern China: Evidence of recovery from mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 515, 6-22	2.9	13
452	A diverse trackway-dominated marine ichnoassemblage from the Lower Triassic in the northern Paleotethys: Ichnology and implications for biotic recovery. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 519, 124-140	2.9	8
451	A new species of <i>Platysiagum</i> from the Luoping Biota (Anisian, Middle Triassic, Yunnan, South China) reveals the relationship between <i>Platysiagidae</i> and <i>Neopterygii</i> . <i>Geological Magazine</i> , 2019 , 156, 669-682	2	8
450	Archibald Geikie and the Elgin reptiles. <i>Geological Society Special Publication</i> , 2019 , 480, 353-359	1.7	2
449	Dinosaur diversification linked with the Carnian Pluvial Episode. <i>Nature Communications</i> , 2018 , 9, 1499	17.4	60
448	Difficulties in assigning trace makers from theropodan bite marks: an example from a young diplodocoid sauropod. <i>Lethaia</i> , 2018 , 51, 456-466	1.3	10
447	Taxonomic reassessment of <i>Clevosaurus latidens</i> Fraser, 1993 (Lepidosauria, Rhynchocephalia) and rhynchocephalian phylogeny based on parsimony and Bayesian inference. <i>Journal of Paleontology</i> , 2018 , 92, 734-742	1.1	14
446	The terrestrial fauna of the Late Triassic Pant-y-ffynnon Quarry fissures, South Wales, UK and a new species of <i>Clevosaurus</i> (Lepidosauria: Rhynchocephalia). <i>Proceedings of the Geologists Association</i> , 2018 , 129, 99-119	1.1	14
445	Tetrapod distribution and temperature rise during the Permian-Triassic mass extinction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	23
444	A Rhaetian microvertebrate fauna from Stowey Quarry, Somerset, U.K.. <i>Proceedings of the Geologists Association</i> , 2018 , 129, 144-158	1.1	7

443	A new millipede (Diplopoda, Helminthomorpha) from the Middle Triassic Luoping biota of Yunnan, Southwest China. <i>Journal of Paleontology</i> , 2018 , 92, 478-487	1.1	0
442	Patterns of divergence in the morphology of ceratopsian dinosaurs: sympatry is not a driver of ornament evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	10
441	A taxonomic revision of Noripterus complicidens and Asian members of the Dsungaripteridae. <i>Geological Society Special Publication</i> , 2018 , 455, 149-157	1.7	11
440	On formation-based sampling proxies and why they should not be used to correct the fossil record. <i>Palaeontology</i> , 2018 , 61, 119-132	2.9	14
439	Non-integumentary melanosomes can bias reconstructions of the colours of fossil vertebrates. <i>Nature Communications</i> , 2018 , 9, 2878	17.4	13
438	Microvertebrates from the basal Rhaetian Bone Bed (latest Triassic) at Aust Cliff, S.W. England. <i>Proceedings of the Geologists Association</i> , 2018 , 129, 635-653	1.1	10
437	Limuloid trackways from Permian-Triassic continental successions of North China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 508, 71-90	2.9	12
436	Framboidal pyrite evidence for persistent low oxygen levels in shallow-marine facies of the Nanpanjiang Basin during the Permian-Triassic transition. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 511, 243-255	2.9	17
435	The Carnian Pluvial Episode and the origin of dinosaurs. <i>Journal of the Geological Society</i> , 2018 , 175, 1019-1026	2.5	25
434	Bite marks on the frill of a juvenile from the Late Cretaceous Dinosaur Provincial Park Formation, Alberta, Canada. <i>PeerJ</i> , 2018 , 6, e5748	3.1	2
433	New perspectives on pterosaur palaeobiology. <i>Geological Society Special Publication</i> , 2018 , 455, 1-6	1.7	3
432	Multifaceted disparity approach reveals dinosaur herbivory flourished before the end-Cretaceous mass extinction. <i>Paleobiology</i> , 2018 , 44, 620-637	2.6	10
431	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,	3	41
430	On the evolution of extreme structures: static scaling and the function of sexually selected signals. <i>Animal Behaviour</i> , 2018 , 144, 95-108	2.8	30
429	Fossilized skin reveals coevolution with feathers and metabolism in feathered dinosaurs and early birds. <i>Nature Communications</i> , 2018 , 9, 2072	17.4	11
428	Microbial mats in the terrestrial Lower Triassic of North China and implications for the Permian-Triassic mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 474, 214-231	2.9	23
427	Taphonomy and palaeobiology of early Middle Triassic coprolites from the Luoping biota, southwest China: Implications for reconstruction of fossil food webs. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 474, 232-246	2.9	18
426	Gabaleryon, a new genus of widespread early Toarcian polychelidan lobsters. <i>Journal of Systematic Palaeontology</i> , 2017 , 15, 205-222	2.3	8

425	Assessing sampling of the fossil record in a geographically and stratigraphically constrained dataset: the Chalk Group of Hampshire, southern UK. <i>Journal of the Geological Society</i> , 2017 , 174, 509-527	2.7	4
424	Macroevolutionary patterns in Rhynchocephalia: is the tuatara (<i>Sphenodon punctatus</i>) a living fossil?. <i>Palaeontology</i> , 2017 , 60, 319-328	2.9	27
423	Live birth in an archosauromorph reptile. <i>Nature Communications</i> , 2017 , 8, 14445	17.4	18
422	On the purported presence of fossilized collagen fibres in an ichthyosaur and a theropod dinosaur. <i>Palaeontology</i> , 2017 , 60, 409-422	2.9	14
421	The first discovery of crinoids and cephalopod hooklets in the British Triassic. <i>Proceedings of the Geologists Association</i> , 2017 , 128, 360-373	1.1	9
420	Protracted growth impedes the detection of sexual dimorphism in non-avian dinosaurs. <i>Palaeontology</i> , 2017 , 60, 535-545	2.9	10
419	Leptolepid otoliths from the Hauterivian (Lower Cretaceous) Lower Weald Clay (southern England). <i>Proceedings of the Geologists Association</i> , 2017 , 128, 613-625	1.1	1
418	Biostratigraphy and geometric morphometrics of conchostracans (Crustacea, Branchiopoda) from the Late Triassic fissure deposits of Cromhall Quarry, UK. <i>Palaeontology</i> , 2017 , 60, 349-374	2.9	23
417	Response to: Phylogenetic placement, developmental trajectories and evolutionary implications of a feathered dinosaur tail in Mid-Cretaceous amber. <i>Current Biology</i> , 2017 , 27, R216-R217	6.3	2
416	Cellular preservation of musculoskeletal specializations in the Cretaceous bird <i>Confuciusornis</i> . <i>Nature Communications</i> , 2017 , 8, 14779	17.4	11
415	Untangling the dinosaur family tree. <i>Nature</i> , 2017 , 551, E1-E3	50.4	76
414	Exceptional appendage and soft-tissue preservation in a Middle Triassic horseshoe crab from SW China. <i>Scientific Reports</i> , 2017 , 7, 14112	4.9	16
413	Fossilization of soft tissues. <i>National Science Review</i> , 2017 , 4, 512-513	10.8	
412	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	0.7	32
411	Biogeography and geometric morphometrics of conchostracans (Crustacea, Branchiopoda) from the Late Triassic fissure deposits of Cromhall Quarry, UK. <i>Palaeontology</i> , 2017 , 60, 761-761	2.9	
410	Trophic and tectonic limits to the global increase of marine invertebrate diversity. <i>Scientific Reports</i> , 2017 , 7, 15969	4.9	8
409	Body length of bony fishes was not a selective factor during the biggest mass extinction of all time. <i>Palaeontology</i> , 2017 , 60, 727-741	2.9	11
408	Residual diversity estimates do not correct for sampling bias in palaeodiversity data. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 453-459	7.7	15

407	RussiaUK Collaboration in Paleontology: Past, Present, and Future. <i>Paleontological Journal</i> , 2017 , 51, 576-599	0.6	3
406	Severe selenium depletion in the Phanerozoic oceans as a factor in three global mass extinction events. <i>Gondwana Research</i> , 2016 , 36, 209-218	5.1	35
405	Ecomorphological diversifications of Mesozoic marine reptiles: the roles of ecological opportunity and extinction. <i>Paleobiology</i> , 2016 , 42, 547-573	2.6	41
404	Mummified precocial bird wings in mid-Cretaceous Burmese amber. <i>Nature Communications</i> , 2016 , 7, 12089	17.4	61
403	Dynamics of dental evolution in ornithopod dinosaurs. <i>Scientific Reports</i> , 2016 , 6, 28904	4.9	13
402	The Rhaetian vertebrates of Chipping Sodbury, South Gloucestershire, UK, a comparative study. <i>Proceedings of the Geologists Association</i> , 2016 , 127, 40-52	1.1	9
401	The Rhaetian (Late Triassic) vertebrates of Hampstead Farm Quarry, Gloucestershire, UK. <i>Proceedings of the Geologists Association</i> , 2016 , 127, 478-505	1.1	17
400	Permian-Triassic Osteichthyes (bony fishes): diversity dynamics and body size evolution. <i>Biological Reviews</i> , 2016 , 91, 106-47	13.5	63
399	Palaeontology: Scrapes of Dinosaur Courtship. <i>Current Biology</i> , 2016 , 26, R237-8	6.3	
398	Ontogeny and the fossil record: what, if anything, is an adult dinosaur?. <i>Biology Letters</i> , 2016 , 12, 20150948	5.8	65
397	Evolution on the Large Scale. <i>Trends in Ecology and Evolution</i> , 2016 , 31, 331-332	10.9	
396	The challenges to inferring the regulators of biodiversity in deep time. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371, 20150216	5.8	21
395	Origins of Biodiversity. <i>PLoS Biology</i> , 2016 , 14, e2000724	9.7	12
394	The Chinese pareiasaurs. <i>Zoological Journal of the Linnean Society</i> , 2016 , 177, 813-853	2.4	18
393	Radiation and extinction: investigating clade dynamics in deep time. <i>Biological Journal of the Linnean Society</i> , 2016 , 118, 6-12	1.9	9
392	The Triassic. <i>Current Biology</i> , 2016 , 26, R1214-R1218	6.3	19
391	Digit-only sauropod pes trackways from China—evidence of swimming or a preservational phenomenon?. <i>Scientific Reports</i> , 2016 , 6, 21138	4.9	14
390	A Feathered Dinosaur Tail with Primitive Plumage Trapped in Mid-Cretaceous Amber. <i>Current Biology</i> , 2016 , 26, 3352-3360	6.3	76

389	Overview of the MAGNUS project 2016 ,		2
388	Dentary groove morphology does not distinguish <i>Nanotyrannus</i> as a valid taxon of tyrannosauroid dinosaur. Comment on: Distribution of the dentary groove of theropod dinosaurs: Implications for theropod phylogeny and the validity of the genus <i>Nanotyrannus</i> Bakker et al., 1988 <i>Cretaceous Research</i> , 2016 , 65, 232-237	1.8	10
387	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, 5036-40	11.5	62
386	A new <i>Minisauripus</i> site from the Lower Cretaceous of China: Tracks of small adults or juveniles?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 452, 28-39	2.9	12
385	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	4.2	37
384	Palaeontology: Dinosaurs, Boneheads and Recovery from Extinction. <i>Current Biology</i> , 2016 , 26, R887-R889		
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