

Mark T. Young

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,716
citations

304368

22
h-index

344852

36
g-index

70
all docs

70
docs citations

70
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Rostral neurovasculature indicates sensory trade-offs in Mesozoic pelagic crocodylomorphs. <i>Anatomical Record</i> , 2022, 305, 2654-2669.	0.8	6
2	Paranasal sinus system and upper respiratory tract evolution in Mesozoic pelagic crocodylomorphs. <i>Anatomical Record</i> , 2022, 305, 2583-2603.	0.8	8
3	Ontogenetic variation in the crocodylian vestibular system. <i>Journal of Anatomy</i> , 2022, 240, 821-832.	0.9	8
4	"Ear stones"™ in crocodylians: a cross-species comparative and ontogenetic survey of otolith structures. <i>Royal Society Open Science</i> , 2022, 9, 211633.	1.1	2
5	Cutting the Gordian knot: a historical and taxonomic revision of the Jurassic crocodylomorph <i>Metriorhynchus</i> . <i>Zoological Journal of the Linnean Society</i> , 2021, 192, 510-553.	1.0	16
6	The braincase and inner ear of <i>Metriorhynchus</i> ™ cf. <i>M.</i> ™ <i>brachyrhynchus</i> ™ implications for aquatic sensory adaptations in crocodylomorphs. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	0.4	13
7	Optical discs in zoological nomenclature: problems and proposed solution. <i>Bionomina</i> , 2021, 24, .	0.2	0
8	First and most northern occurrence of a thalattosuchian crocodylomorph from the Jurassic of the Isle of Skye, Scotland. <i>Scottish Journal of Geology</i> , 2021, 57, .	0.1	1
9	Macroevolutionary trends in the genus <i>Torvoneustes</i> (Crocodylomorpha: Metriorhynchidae) and discovery of a giant specimen from the Late Jurassic of Kimmeridge, UK. <i>Zoological Journal of the Linnean Society</i> , 2020, 189, 483-493.	1.0	8
10	Evidence of thalattosuchian crocodylomorphs in the Portland Stone Formation (Late Jurassic) of England, and a discussion on Cretaceous teleosauroids. <i>Historical Biology</i> , 2020, , 1-4.	0.7	4
11	Introducing the First European Symposium on the Evolution of Crocodylomorpha. <i>Zoological Journal of the Linnean Society</i> , 2020, 189, 419-427.	1.0	4
12	Convergent evolution and possible constraint in the posterodorsal retraction of the external nares in pelagic crocodylomorphs. <i>Zoological Journal of the Linnean Society</i> , 2020, 189, 494-520.	1.0	14
13	Re-description of two contemporaneous mesorostrine teleosauroids (Crocodylomorpha: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Machimosaurini. <i>Zoological Journal of the Linnean Society</i> , 2020, 189, 449-482.	1.0	18
14	Metriorhynchid crocodylomorphs from the lower Kimmeridgian of Southern Germany: evidence for a new large-bodied geosaurin lineage in Europe. <i>Alcheringa</i> , 2020, 44, 312-326.	0.5	6
15	Thermophysologies of Jurassic marine crocodylomorphs inferred from the oxygen isotope composition of their tooth apatite. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190139.	1.8	24
16	Emptying the wastebasket: a historical and taxonomic revision of the Jurassic crocodylomorph <i>Steneosaurus</i> . <i>Zoological Journal of the Linnean Society</i> , 2020, 189, 428-448.	1.0	10
17	The enigma of <i>Enaliosuchus</i> , and a reassessment of the Lower Cretaceous fossil record of Metriorhynchidae. <i>Cretaceous Research</i> , 2020, 114, 104479.	0.6	10
18	Inner ear sensory system changes as extinct crocodylomorphs transitioned from land to water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10422-10428.	3.3	53

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19	The phylogenetics of Teleosauroidea (Crocodylomorpha, Thalattosuchia) and implications for their ecology and evolution. PeerJ, 2020, 8, e9808.	0.9	28
20	Revision of the Late Jurassic deep-water teleosauroid crocodylomorph <i>Teleosaurus megarhinus</i> Hulke, 1871 and evidence of pelagic adaptations in Teleosauroidea. PeerJ, 2019, 7, e6646.	0.9	32
21	A new metriorhynchid crocodylomorph from the Oxford Clay Formation (Middle Jurassic) of England, with implications for the origin and diversification of Geosaurini. Journal of Systematic Palaeontology, 2018, 16, 1123-1143.	0.6	18
22	A new species of Anteophthalmosuchus (Crocodylomorpha, Goniopholididae) from the Lower Cretaceous of the Isle of Wight, United Kingdom, and a review of the genus. Cretaceous Research, 2018, 84, 340-383.	0.6	34
23	Re-description of <i>Steneosaurus</i> obtusidens Andrews, 1909, an unusual macrophagous teleosaurid crocodylomorph from the Middle Jurassic of England. Zoological Journal of the Linnean Society, 2018, 182, 385-418.	1.0	25
24	The long-term ecology and evolution of marine reptiles in a Jurassic seaway. Nature Ecology and Evolution, 2018, 2, 1548-1555.	3.4	48
25	A new large-bodied thalattosuchian crocodyliform from the Lower Jurassic (Toarcian) of Hungary, with further evidence of the mosaic acquisition of marine adaptations in Metriorhynchoidea. PeerJ, 2018, 6, e4668.	0.9	35
26	The Braincase and Neurosensory Anatomy of an Early Jurassic Marine Crocodylomorph: Implications for Crocodylian Sinus Evolution and Sensory Transitions. Anatomical Record, 2016, 299, 1511-1530.	0.8	53
27	Revision of the enigmatic crocodyliform <i>Elosuchus felixi</i> de Lapparent de Broin, 2002 from the Lower-Upper Cretaceous boundary of Niger: potential evidence for an early origin of the clade Dyrosauridae. Zoological Journal of the Linnean Society, 2016, , .	1.0	11
28	An unusual small-bodied crocodyliform from the Middle Jurassic of Scotland, UK, and potential evidence for an early diversification of advanced neosuchians. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2016, 107, 1-12.	0.3	11
29	The first definitive Middle Jurassic atoposaurid (Crocodylomorpha, Neosuchia), and a discussion on the genus <i>T. heriosuchus</i> . Zoological Journal of the Linnean Society, 2016, 176, 443-462.	1.0	28
30	<i>Steneosaurus edwardsi</i> (Thalattosuchia: Teleosauridae), the largest known crocodylomorph of the Middle Jurassic. Biological Journal of the Linnean Society, 2015, 115, 911-918.	0.7	17
31	Ichthyosaurs from the Jurassic of Skye, Scotland. Scottish Journal of Geology, 2015, 51, 43-55.	0.1	13
32	The youngest record of metriorhynchid crocodylomorphs, with implications for the extinction of Thalattosuchia. Cretaceous Research, 2015, 56, 608-616.	0.6	34
33	Surface drag reduction and flow separation control in pelagic vertebrates, with implications for interpreting scale morphologies in fossil taxa. Royal Society Open Science, 2015, 2, 140163.	1.1	5
34	Addendum to "Revision of the Late Jurassic teleosaurid genus Machimosaurus (Crocodylomorpha,)"	0.9	11
35	Largest known specimen of the genus <i>Dakosaurus</i> (Metriorhynchidae: Geosaurini) from the Kimmeridge Clay Formation (Late Jurassic) of England, and an overview of <i>Dakosaurus</i> specimens discovered from this formation (including reworked specimens from the Woburn Sands Formation). Historical Biology, 2015, 27, 947-953.	0.7	8
36	Evidence of macrophagous teleosaurid crocodylomorphs in the Corallian Group (Oxfordian, Late)	0.9	11

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37	Revision of the Late Jurassic teleosaurid genus <i>Machimosaurus</i> (Crocodylomorpha, Tj ETQq1 1 0.784314 rgBT/Overlock, 10 Tf 50	1.1	57
38	Tooth serration morphologies in the genus <i>Machimosaurus</i> (Crocodylomorpha, Thalattosuchia) from the Late Jurassic of Europe. Royal Society Open Science, 2014, 1, 140269.	1.1	30
39	Re-description of a putative Early Cretaceous teleosaurid from France, with implications for the survival of metriorhynchids and teleosaurids across the Jurassic-Cretaceous Boundary. Annales De Paleontologie, 2014, 100, 165-174.	0.1	25
40	Marine tethysuchian crocodyliform from the Aptian-Albian (Lower Cretaceous) of the Isle of Wight, UK. Biological Journal of the Linnean Society, 2014, 113, 854-871.	0.7	14
41	Evidence for the teleosaurid crocodylomorph genus <i>Machimosaurus</i> in the Kimmeridge Clay Formation (Late Jurassic) of England. Historical Biology, 2014, 26, 472-479.	0.7	12
42	Evidence of the metriorhynchid crocodylomorph genus <i>Geosaurus</i> in the Lower Kimmeridge Clay Formation (Late Jurassic) of England. Historical Biology, 2014, 26, 551-555.	0.7	8
43	Filling the "Corallian Gap": re-description of a metriorhynchid crocodylomorph from the Oxfordian (Late Jurassic) of Headington, England. Historical Biology, 2014, 26, 80-90.	0.7	21
44	The cranial osteology of <i>Tyrannoneustes lythrodictikos</i> (Crocodylomorpha: Metriorhynchidae) from the Middle Jurassic of Europe. PeerJ, 2014, 2, e608.	0.9	25
45	The oldest known metriorhynchid super-predator: a new genus and species from the Middle Jurassic of England, with implications for serration and mandibular evolution in predacious clades. Journal of Systematic Palaeontology, 2013, 11, 475-513.	0.6	61
46	A new metriorhynchid crocodylomorph from the Lower Kimmeridge Clay Formation (Late Jurassic) of England, with implications for the evolution of dermatocranium ornamentation in Geosaurini. Zoological Journal of the Linnean Society, 2013, 169, 820-848.	1.0	45
47	A new metriorhynchid crocodylomorph from the Lower Kimmeridge Clay Formation (Late Jurassic) of England, with implications for the evolution of dermatocranium ornamentation in Geosaurini. Zoological Journal of the Linnean Society, 2013, , .	1.0	0
48	The First Metriorhynchid Crocodylomorph from the Middle Jurassic of Spain, with Implications for Evolution of the Subclade Rhacheosaurini. PLoS ONE, 2013, 8, e54275.	1.1	43
49	The Cranial Osteology and Feeding Ecology of the Metriorhynchid Crocodylomorph Genera <i>Dakosaurus</i> and <i>Plesiosuchus</i> from the Late Jurassic of Europe. PLoS ONE, 2012, 7, e44985.	1.1	97
50	Cranial biomechanics of <i>Diplodocus</i> (Dinosauria, Sauropoda): testing hypotheses of feeding behaviour in an extinct megaherbivore. Die Naturwissenschaften, 2012, 99, 637-643.	0.6	50
51	Tooth-on-tooth Interlocking Occlusion Suggests Macrophagy in the Mesozoic Marine Crocodylomorph <i>Dakosaurus</i> . Anatomical Record, 2012, 295, 1147-1158.	0.8	43
52	Body size estimation and evolution in metriorhynchid crocodylomorphs: implications for species diversification and niche partitioning. Zoological Journal of the Linnean Society, 2011, 163, 1199-1216.	1.0	48
53	Craniofacial form and function in Metriorhynchidae (Crocodylomorpha: Thalattosuchia): modelling phenotypic evolution with maximum-likelihood methods. Biology Letters, 2011, 7, 913-916.	1.0	31
54	The evolution of extreme hypercarnivory in Metriorhynchidae (Mesoeucrocodylia: Thalattosuchia) based on evidence from microscopic denticle morphology. Journal of Vertebrate Paleontology, 2010, 30, 1451-1465.	0.4	84

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55	The evolution of Metriorhynchoidea (mesoeucrocodylia, thalattosuchia): an integrated approach using geometric morphometrics, analysis of disparity, and biomechanics. <i>Zoological Journal of the Linnean Society</i> , 2010, 158, 801-859.	1.0	183
56	A NEW METRIORHYNCHID CROCODYLIAN (MESOEUCROCODYLIA: THALATTOSUCHIA) FROM THE KIMMERIDGIAN (UPPER JURASSIC) OF WILTSHIRE, UK. <i>Palaeontology</i> , 2008, 51, 1307-1333.	1.0	47
57	What is Geosaurus? Redescription of <i>Geosaurus giganteus</i> (Thalattosuchia: Metriorhynchidae) from the Upper Jurassic of Bayern, Germany. <i>Zoological Journal of the Linnean Society</i> , 0, 157, 551-585.	1.0	116
58	A catalogue of teleosauroids (Crocodylomorpha: Thalattosuchia) from the Toarcian and Bajocian (Jurassic) of southern Luxembourg. <i>Historical Biology</i> , 0, , 1-16.	0.7	9
59	Big-headed marine crocodyliforms and why we must be cautious when using extant species as body length proxies for long-extinct relatives. <i>Palaeontologia Electronica</i> , 0, , .	0.9	3
60	Filling the Corallian gap: new information on Late Jurassic marine reptile faunas from England. <i>Acta Palaeontologica Polonica</i> , 0, 63, .	0.4	12
61	A new species of the metriorhynchid crocodylomorph <i>Cricosaurus</i> from the Upper Jurassic of southern Germany. <i>Acta Palaeontologica Polonica</i> , 0, 64, .	0.4	15
62	The mystery of <i>Mystriosaurus</i> : redescribing the poorly known Early Jurassic teleosauroid thalattosuchians <i>Mystriosaurus laurillardi</i> and <i>Steneosaurus brevior</i> . <i>Acta Palaeontologica Polonica</i> , 0, 64, .	0.4	12