

Walter G Joyce

List of Publications by Year in descending order

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99
papers

4,398
citations

134610

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61
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100
all docs

100
docs citations

100
times ranked

3025
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into the cranial osteology of the Early Cretaceous paracryptodiran turtle <i>Lakotemys australodakotensis</i> . PeerJ, 2022, 10, e13230.	0.9	7
2	A nomenclature for fossil and living turtles using phylogenetically defined clade names. Swiss Journal of Palaeontology, 2021, 140, .	0.7	66
3	A new pelomedusoid turtle, <i>Sahonachelys mailakavava</i> , from the Late Cretaceous of Madagascar provides evidence for convergent evolution of specialized suction feeding among pleurodires. Royal Society Open Science, 2021, 8, 210098.	1.1	13
4	New interpretation of the cranial osteology of the Early Cretaceous turtle <i>Arundelemys dardeni</i> (Paracryptodira) based on a CT-based re-evaluation of the holotype. PeerJ, 2021, 9, e11495.	0.9	14
5	Two turtles with soft tissue preservation from the platy limestones of Germany provide evidence for marine flipper adaptations in Late Jurassic thalassochelydians. PLoS ONE, 2021, 16, e0252355.	1.1	11
6	The phylogenetic relationships of geoemydid turtles from the Eocene Messel Pit Quarry: a first assessment using methods for continuous and discrete characters. PeerJ, 2021, 9, e11805.	0.9	3
7	A review of the carotid artery and facial nerve canal systems in extant turtles. PeerJ, 2021, 8, e10475.	0.9	26
8	A redescription of the Late Jurassic (Tithonian) turtle <i>Uluops uluops</i> and a new phylogenetic hypothesis of Paracryptodira. Swiss Journal of Palaeontology, 2021, 140, 23.	0.7	19
9	Subfossil lemur discoveries from the Beanka Protected Area in western Madagascar. Quaternary Research, 2020, 93, 187-203.	1.0	5
10	A re-description of <i>Sandownia harrisi</i> (Testudinata: Sandownidae) from the Aptian of the Isle of Wight based on computed tomography scans. Royal Society Open Science, 2020, 7, 191936.	1.1	20
11	New material of named fossil turtles from the Late Jurassic (late Kimmeridgian) of Wattendorf, Germany. PLoS ONE, 2020, 15, e0233483.	1.1	6
12	An alternative interpretation of the Paleogene turtle <i>Cardichelyon rogerwoodi</i> as a hinged kinosternoid. Journal of Paleontology, 2020, 94, 557-567.	0.5	6
13	An alternative interpretation of <i>Peltochelys duchastelii</i> as a paracryptodire. Fossil Record, 2020, 23, 83-93.	0.5	13
14	The ecomorphology of the shell of extant turtles and its applications for fossil turtles. PeerJ, 2020, 8, e10490.	0.9	9
15	A revision of the pelomedusoid turtle <i>Jainemys pisdurensis</i> from the Late Cretaceous (Maastrichtian) Lameta Formation of India. PeerJ, 2020, 8, e9330.	0.9	3
16	Cranial osteology of the Early Cretaceous turtle <i>Pleurosternon bullockii</i> (Paracryptodira). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.9	23
17	A reevaluation of the basal turtle <i>Indochelys spatulata</i> from the Early–Middle Jurassic (Toarcian–Aalenian) of India, with descriptions of new material. PeerJ, 2020, 8, e8542.	0.9	1
18	Comparative analysis of the shape and size of the middle ear cavity of turtles reveals no correlation with habitat ecology. Journal of Anatomy, 2019, 235, 1078-1097.	0.9	19

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19	A new baenid turtle, <i>Saxochelys gilberti</i> , gen. et sp. nov., from the uppermost cretaceous (Maastrichtian) Hell Creek Formation: sexual dimorphism and spatial niche partitioning within the most speciose group of Late Cretaceous turtles. <i>Journal of Vertebrate Paleontology</i> , 2019, 39, e1662428.	0.4	17
20	A Review of the Fossil Record of Nonbaenid Turtles of the Clade Paracryptodira. <i>Bulletin of the Peabody Museum of Natural History</i> , 2019, 60, 129.	0.6	19
21	A new testudinoid turtle from the middle to late Eocene of Vietnam. <i>PeerJ</i> , 2019, 7, e6280.	0.9	13
22	Estimating the phylogeny of geoemydid turtles (Cryptodira) from landmark data: an assessment of different methods. <i>PeerJ</i> , 2019, 7, e7476.	0.9	9
23	Polymorphic characters in the reconstruction of the phylogeny of geoemydid turtles. <i>Zoological Journal of the Linnean Society</i> , 2018, 184, 896-918.	1.0	15
24	A Description of the Skull of <i>Eubaena Cephalica</i> (Hay, 1904) and New Insights into the Cranial Circulation and Innervation of Baenid Turtles. <i>Journal of Vertebrate Paleontology</i> , 2018, 38, e1474886.	0.4	25
25	A new species of trionychid turtle from the Upper Cretaceous (Campanian) Fruitland Formation of New Mexico, USA. <i>Journal of Paleontology</i> , 2018, 92, 1107-1114.	0.5	12
26	The skull of the carettochelyid turtle <i>Anosteira pulchra</i> from the Eocene (Uintan) of Wyoming and the carotid canal system of carettochelyid turtles. <i>Fossil Record</i> , 2018, 21, 301-310.	0.5	12
27	A taxonomic reassessment of <i>Piramys auffenbergi</i> , a neglected turtle from the late Miocene of Piram Island, Gujarat, India. <i>PeerJ</i> , 2018, 6, e5938.	0.9	7
28	A Review of the Fossil Record of Old World Turtles of the Clade <i>Pan-Trionychidae</i> . <i>Bulletin of the Peabody Museum of Natural History</i> , 2017, 58, 115-208.	0.6	54
29	A Review of the Fossil Record of Basal Mesozoic Turtles. <i>Bulletin of the Peabody Museum of Natural History</i> , 2017, 58, 65-113.	0.6	71
30	Skull shape variation in extant and extinct Testudinata and its relation to habitat and feeding ecology. <i>Acta Zoologica</i> , 2017, 98, 310-325.	0.6	40
31	A Review of the Fossil Record of Turtles of the Clade <i>Thalassocheyletia</i> . <i>Bulletin of the Peabody Museum of Natural History</i> , 2017, 58, 317-369.	0.6	43
32	The shell and pelvic anatomy of the Late Jurassic turtle <i>Platycheilus oberndorferi</i> based on material from Solothurn, Switzerland. <i>Swiss Journal of Palaeontology</i> , 2017, 136, 323-343.	0.7	9
33	A new chelydroid turtle, <i>Lutemys warreni</i> , gen. et sp. nov., from the Upper Cretaceous (Campanian) Kaiparowits Formation of southern Utah. <i>Journal of Vertebrate Paleontology</i> , 2017, 37, e1390672.	0.4	6
34	Still slow, but even steadier: an update on the evolution of turtle cranial disparity interpolating shapes along branches. <i>Royal Society Open Science</i> , 2017, 4, 170899.	1.1	8
35	The shell morphology of the latest Cretaceous (Maastrichtian) trionychid turtle <i>Helopanopia distincta</i> . <i>PeerJ</i> , 2017, 5, e4169.	0.9	8
36	A Review of the Fossil Record of Turtles of the Clade <i>Pan-Kinosternoidea</i> . <i>Bulletin of the Peabody Museum of Natural History</i> , 2016, 57, 57-95.	0.6	26

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37	A Review of the Fossil Record of Turtles of the Clade <i>Pan-Chelydridae</i> . Bulletin of the Peabody Museum of Natural History, 2016, 57, 21-56.	0.6	29
38	New cranial material of <i>Gilmoremys lancensis</i> (Testudines, Trionychidae) from the Hell Creek Formation of southeastern Montana, U.S.A.. Journal of Vertebrate Paleontology, 2016, 36, e1225748.	0.4	10
39	A new baenid turtle from the early Paleocene (Torrejonian) of New Mexico and a species-level phylogenetic analysis of Baenidae. Journal of Paleontology, 2016, 90, 305-316.	0.5	17
40	A toothed turtle from the Late Jurassic of China and the global biogeographic history of turtles. BMC Evolutionary Biology, 2016, 16, 236.	3.2	79
41	An early bothremydid (Testudines, Pleurodira) from the Late Cretaceous (Cenomanian) of Utah, North America. PeerJ, 2016, 4, e2502.	0.9	24
42	Evolution of Neck Vertebral Shape and Neck Retraction at the Transition to Modern Turtles: an Integrated Geometric Morphometric Approach. Systematic Biology, 2015, 64, 187-204.	2.7	46
43	The origin of turtles: A paleontological perspective. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2015, 324, 181-193.	0.6	48
44	Calibration uncertainty in molecular dating analyses: there is no substitute for the prior evaluation of time priors. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20141013.	1.2	184
45	The Fossil Calibration Database—A New Resource for Divergence Dating. Systematic Biology, 2015, 64, 853-859.	2.7	54
46	A Review of the Fossil Record of Turtles of the Clades <i>Platycheilyidae</i> and <i>Dortokidae</i> . Bulletin of the Peabody Museum of Natural History, 2015, 56, 3-20.	0.6	23
47	The first soft-shelled turtle from the Jehol Biota of China. Journal of Vertebrate Paleontology, 2015, 35, e909450.	0.4	25
48	A Review of the Fossil Record of New World Turtles of the Clade <i>Pan-Trionychidae</i> . Bulletin of the Peabody Museum of Natural History, 2015, 56, 185-244.	0.6	52
49	A Review of the Fossil Record of Turtles of the Clade <i>Baenidae</i> . Bulletin of the Peabody Museum of Natural History, 2015, 56, 147-183.	0.6	47
50	The skeletal morphology of the solemydid turtle <i>Naomichelys speciosa</i> from the Early Cretaceous of Texas. Journal of Paleontology, 2014, 88, 1257-1287.	0.5	40
51	Origin, Evolution and Biogeographic History of South American Turtles. ORIGIN, EVOLUTION AND BIOGEOGRAPHIC HISTORY OF SOUTH AMERICAN TURTLES. Marcelo S. de la Fuente, Juliana Sterli, and Ignacio Maniel. 2013, 168 p. Springer Cham Heidelberg New York Dordrecht London, ISBN 978-3-319-00517-1. Ameghiniana, 2014, 51, 81-81.	0.3	1
52	Taxonomy and phylogeny of the turtle <i>Tropidemys langii</i> ¹ / ₄ timeyer, 1873, based on new specimens from the Kimmeridgian of the Swiss Jura Mountains. Journal of Vertebrate Paleontology, 2014, 34, 353-374.	0.4	27
53	Osteology, relationships, and ecology of <i>Annemys</i> (Testudines, Eucryptodira) from the Late Jurassic of Shar Teg, Mongolia, and phylogenetic definitions for Xinjiangchelyidae, Sinemydidae, and Macrobaenidae. Journal of Vertebrate Paleontology, 2014, 34, 327-352.	0.4	47
54	A reassessment of the Late Jurassic turtle <i>Eurysternum wagleri</i> (Eucryptodira, Eurysternidae). Journal of Vertebrate Paleontology, 2014, 34, 1317-1328.	0.4	23

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55	Allaeochelys libyca, a New Carettochelyine Turtle from the Middle Miocene (Langhian) of Libya. Bulletin of the Peabody Museum of Natural History, 2014, 55, 201.	0.6	14
56	A Review of the Fossil Record of Turtles of the Clade Pan-Carettochelys. Bulletin of the Peabody Museum of Natural History, 2014, 55, 3-33.	0.6	33
57	Reappraisal of Testudo antiqua (Testudines, Testudinidae) from the Miocene of HohenhÄrwen, Germany. Journal of Paleontology, 2014, 88, 948-966.	0.5	12
58	A divergence dating analysis of turtles using fossil calibrations: an example of best practices. Journal of Paleontology, 2013, 87, 612-634.	0.5	128
59	A new xinjiangchelyid turtle from the Middle Jurassic of Xinjiang, China and the evolution of the basiptyergoid process in Mesozoic turtles. BMC Evolutionary Biology, 2013, 13, 203.	3.2	79
60	The girdles of the oldest fossil turtle, Proterochersis robusta, and the age of the turtle crown. BMC Evolutionary Biology, 2013, 13, 266.	3.2	35
61	Homology of the enigmatic nuchal bone reveals novel reorganization of the shoulder girdle in the evolution of the turtle shell. Evolution & Development, 2013, 15, 317-325.	1.1	45
62	The hooked element in the pes of turtles (Testudines): a global approach to exploring primary and secondary homology. Journal of Anatomy, 2013, 223, 421-441.	0.9	18
63	A new giant salamander (Urodela, Pancryptobrancha) from the Miocene of Eastern Europe (Crytsiv.) Tj ETQq1 1 0.784314 rgBT /Over 0.4 29	0.4	29
64	Embryonic remnants of intercentra and cervical ribs in turtles. Biology Open, 2013, 2, 1103-1107.	0.6	13
65	An enormous Jurassic turtle bone bed from the Turpan Basin of Xinjiang, China. Die Naturwissenschaften, 2012, 99, 925-935.	0.6	23
66	A new box turtle from the Miocene/Pliocene boundary (latest Hemphillian) of Oklahoma and a refined chronology of box turtle diversification. Journal of Paleontology, 2012, 86, 177-190.	0.5	7
67	Evolution of the turtle bauplan: the topological relationship of the scapula relative to the ribcage. Biology Letters, 2012, 8, 1028-1031.	1.0	20
68	Best Practices for Justifying Fossil Calibrations. Systematic Biology, 2012, 61, 346-359.	2.7	616
69	Caught in the act: the first record of copulating fossil vertebrates. Biology Letters, 2012, 8, 846-848.	1.0	40
70	Congruence, non-homology, and the phylogeny of basal turtles. Acta Zoologica, 2012, 93, 149-159.	0.6	22
71	New material of Gilmoremys lancensis nov. comb. (Testudines: Trionychidae) from the Hell Creek Formation and the diagnosis of plastronid turtles. Journal of Paleontology, 2011, 85, 442-459.	0.5	39
72	Boremys (Testudines, Baenidae) from the latest Cretaceous and early Paleocene of North Dakota: an 11-million-year range extension and an additional K/T survivor. Journal of Vertebrate Paleontology, 2011, 31, 729-737.	0.4	33

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73	The Bipedal Stem Crocodylian <i>Poposaurus gracilis</i> : Inferring Function in Fossils and Innovation in Archosaur Locomotion. Bulletin of the Peabody Museum of Natural History, 2011, 52, 107-126.	0.6	66
74	Cranial anatomy and phylogenetic placement of the enigmatic turtle <i>Compsemys victa</i> Leidy, 1856. Journal of Paleontology, 2011, 85, 789-801.	0.5	43
75	Dinosaur extinction: closing the ~3 m gap™. Biology Letters, 2011, 7, 925-928.	1.0	20
76	A new kinosternoid from the Late Cretaceous Hell Creek Formation of North Dakota and Montana and the origin of the <i>Dermatemys mawii</i> lineage. Palaontologische Zeitschrift, 2011, 85, 125-142.	0.8	26
77	A new baenid turtle from the Upper Cretaceous (Maastrichtian) Hell Creek Formation of North Dakota and a preliminary taxonomic review of Cretaceous Baenidae. Journal of Vertebrate Paleontology, 2010, 30, 394-402.	0.4	34
78	A review of the Mesozoic turtles of the Junggar Basin (Xinjiang, Northwest China) and the paleobiogeography of Jurassic to Early Cretaceous Asian testudines. Palaeobiodiversity and Palaeoenvironments, 2010, 90, 259-273.	0.6	45
79	A neglected lineage of North American turtles fills a major gap in the fossil record. Palaeontology, 2010, 53, 241-248.	1.0	41
80	<i>Pangshura tatroia</i> , a new species of pond turtle (Testudinoidea) from the Pliocene Siwaliks of Pakistan. Journal of Systematic Palaeontology, 2010, 8, 449-458.	0.6	11
81	Transitional fossils and the origin of turtles. Biology Letters, 2010, 6, 830-833.	1.0	134
82	Two new <i>Macrobaenidae</i> (Testudines: Eucryptodira) from the Late Paleocene (Clarkforkian) of Montana and the Taxonomic Treatment of <i>Clemmys backmani</i> . Bulletin of the Peabody Museum of Natural History, 2010, 51, 147-155.	0.6	12
83	A thin-shelled reptile from the Late Triassic of North America and the origin of the turtle shell. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 507-513.	1.2	56
84	A new species of <i>Palatobaena</i> (Testudines: Baenidae) and a maximum parsimony and Bayesian phylogenetic analysis of Baenidae. Journal of Paleontology, 2009, 83, 457-470.	0.5	46
85	A revision of <i>Plesiobaena</i> (Testudines: Baenidae) and an assessment of baenid ecology across the K/T boundary. Journal of Paleontology, 2009, 83, 833-853.	0.5	56
86	The tropical tortoise <i>Chelonoidis denticulata</i> (Testudines: Testudinidae) from the Late Pleistocene of Argentina and its paleoclimatological implications. Journal of Paleontology, 2009, 83, 975-980.	0.5	12
87	Two New Plastomenine Softshell Turtles from the Paleocene of Montana and Wyoming. Bulletin of the Peabody Museum of Natural History, 2009, 50, 307-325.	0.6	26
88	First fossil gravid turtle provides insight into the evolution of reproductive traits in turtles. Biology Letters, 2008, 4, 715-718.	1.0	26
89	Phosphate oxygen isotopes from marine turtle bones: Ecologic and paleoclimatic applications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 264, 78-84.	1.0	17
90	Connecticut's Pleistocene Horse Reassigned to the 19th Century. Bulletin of the Peabody Museum of Natural History, 2008, 49, 131-132.	0.6	0

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91	A plywood structure in the shell of fossil and living soft-shelled turtles (Trionychidae) and its evolutionary implications. <i>Organisms Diversity and Evolution</i> , 2007, 7, 136-144.	0.7	94
92	Phylogenetic Relationships of Mesozoic Turtles. <i>Bulletin of the Peabody Museum of Natural History</i> , 2007, 48, 3-102.	0.6	293
93	A new turtle from the Arundel Clay facies (Potomac Formation, Early Cretaceous) of Maryland, U.S.A.. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 300-307.	0.4	54
94	Palaeoecology of Triassic stem turtles sheds new light on turtle origins. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1-5.	1.2	177
95	Carettochelyine Turtle from the Neogene of Europe. <i>Copeia</i> , 2004, 2004, 406-411.	1.4	12
96	DEVELOPING A PROTOCOL FOR THE CONVERSION OF RANK-BASED TAXON NAMES TO PHYLOGENETICALLY DEFINED CLADE NAMES, AS EXEMPLIFIED BY TURTLES. <i>Journal of Paleontology</i> , 2004, 78, 989-1013.	0.5	368
97	The first complete skeleton of <i>Solnhofia parsonsi</i> (Cryptodira, Eurysternidae) from the Upper Jurassic of Germany and its taxonomic implications. <i>Journal of Paleontology</i> , 2000, 74, 684-700.	0.5	20
98	THE FIRST COMPLETE SKELETON OF SOLNHOFIA PARSONSI (CRYPTODIRA, EURYSTERNIDAE) FROM THE UPPER JURASSIC OF GERMANY AND ITS TAXONOMIC IMPLICATIONS. <i>Journal of Paleontology</i> , 2000, 74, 684-700.	0.5	44
99	A panæchelyrid, <i>Chelydropsis aubasi</i> sp. nov., from the Middle Eocene () Tj ETQq1 1 0.784314 rgBT /Oyerlock I	0.8	2