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List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,906
citations

270111

25
h-index

312153

41
g-index

58
all docs

58
docs citations

58
times ranked

1152
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "The influence of juvenile dinosaurs on community structure and diversity". Science, 2022, 375, eabj5976.	6.0	5
2	Dental pathologies in lamniform and carcharhiniform sharks with comments on the classification and homology of double tooth pathologies in vertebrates. PeerJ, 2022, 10, e12775.	0.9	2
3	A partial tyrannosauroid femur from the mid-Cretaceous Wayan Formation of eastern Idaho, USA. Journal of Paleontology, 2022, 96, 1336-1345.	0.5	1
4	Paralic sedimentology of the Mussentuchit Member coastal plain, Cedar Mountain Formation, central Utah, U.S.A.. Journal of Sedimentary Research, 2022, 92, 546-569.	0.8	5
5	An extreme climate gradient-induced ecological regionalization in the Upper Cretaceous Western Interior Basin of North America. Bulletin of the Geological Society of America, 2021, 133, 2125-2136.	1.6	11
6	Age constraint for the Moreno Hill Formation (Zuni Basin) by CA-TIMS and LA-ICP-MS detrital zircon geochronology. PeerJ, 2021, 9, e10948.	0.9	4
7	Postcranial osteology of <i>Beipiaosaurus inexpectus</i> (Theropoda: Therizinosauria). PLoS ONE, 2021, 16, e0257913.	1.1	2
8	Anatomical, morphometric, and stratigraphic analyses of theropod biodiversity in the Upper Cretaceous (Campanian) Dinosaur Park Formation. Canadian Journal of Earth Sciences, 2021, 58, 870-884.	0.6	16
9	Keratan sulfate as a marker for medullary bone in fossil vertebrates. Journal of Anatomy, 2021, 238, 1296-1311.	0.9	2
10	<i>Glossifungites gingrasi</i> n. isp., a probable subaqueous insect domicile from the Cretaceous Ferron Sandstone, Utah. Journal of Paleontology, 2021, 95, 427-439.	0.5	1
11	Tail Weaponry in Ankylosaurs and Glyptodonts: An Example of a Rare but Strongly Convergent Phenotype. Anatomical Record, 2020, 303, 988-998.	0.8	12
12	Repeated Evolution of Divergent Modes of Herbivory in Non-avian Dinosaurs. Current Biology, 2020, 30, 158-168.e4.	1.8	38
13	Growing up <i>Tyrannosaurus rex</i> : Osteohistology refutes the pygmy <i>Nanotyrannus</i> and supports ontogenetic niche partitioning in juvenile <i>Tyrannosaurus</i> . Science Advances, 2020, 6, eaax6250.	4.7	50
14	Tempo and Pattern of Avian Brain Size Evolution. Current Biology, 2020, 30, 2026-2036.e3.	1.8	72
15	A refined temporal framework for newly discovered fossil assemblages of the upper Cedar Mountain Formation (Mussentuchit Member), Mussentuchit Wash, Central Utah. Cretaceous Research, 2020, 110, 104384.	0.6	19
16	Identifying medullary bone in extinct avemetatarsalians: challenges, implications and perspectives. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190133.	1.8	14
17	Inner ear sensory system changes as extinct crocodylomorphs transitioned from land to water. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10422-10428.	3.3	53
18	Sampling impacts the assessment of tooth growth and replacement rates in archosaurs: implications for paleontological studies. PeerJ, 2020, 8, e9918.	0.9	5

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19	Systemic distribution of medullary bone in the avian skeleton: ground truthing criteria for the identification of reproductive tissues in extinct Avemetatarsalia. <i>BMC Evolutionary Biology</i> , 2019, 19, 71.	3.2	33
20	Diminutive fleet-footed tyrannosauroid narrows the 70-million-year gap in the North American fossil record. <i>Communications Biology</i> , 2019, 2, 64.	2.0	42
21	Quantifying shape and ecology in avian pedal claws: The relationship between the bony core and keratinous sheath. <i>Ecology and Evolution</i> , 2019, 9, 11545-11556.	0.8	19
22	Disparate Growth Strategies within Aetosauria: Novel Histologic Data from the Aetosaur <i>Coahomasuchus chathamensis</i> . <i>Anatomical Record</i> , 2019, 302, 1504-1515.	0.8	11
23	The evolution of tail weaponization in amniotes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172299.	1.2	23
24	TRANSGRESSIVE EROSION EXPRESSED AS A GLOSSIFUNGITES-BEARING WOODGROUND: AN EXAMPLE FROM THE BLACKHAWK FORMATION, UTAH. <i>Palaios</i> , 2018, 33, 29-35.	0.6	3
25	Under the armor: X-ray computed tomographic reconstruction of the internal skeleton of <i>Coahomasuchus chathamensis</i> (Archosauria: Aetosauria) from the Upper Triassic of North Carolina, USA, and a phylogenetic analysis of Aetosauria. <i>PeerJ</i> , 2018, 6, e4368.	0.9	10
26	A new iguanodontian (Dinosauria: Ornithopoda) from the Early Cretaceous of Mongolia. <i>PeerJ</i> , 2018, 6, e5300.	0.9	9
27	A new microvertebrate assemblage from the Mussentuchit Member, Cedar Mountain Formation: insights into the paleobiodiversity and paleobiogeography of early Late Cretaceous ecosystems in western North America. <i>PeerJ</i> , 2018, 6, e5883.	0.9	14
28	Anatomy, taphonomy, and phylogenetic implications of a new specimen of <i>Eolambia carolinjonesa</i> (Dinosauria: Ornithopoda) from the Cedar Mountain Formation, Utah, USA. <i>PLoS ONE</i> , 2017, 12, e0176896.	1.1	17
29	Incremental growth of therizinosaurian dental tissues: implications for dietary transitions in Theropoda. <i>PeerJ</i> , 2017, 5, e4129.	0.9	11
30	Chemistry supports the identification of gender-specific reproductive tissue in <i>Tyrannosaurus rex</i> . <i>Scientific Reports</i> , 2016, 6, 23099.	1.6	38
31	Bony cranial ornamentation linked to rapid evolution of gigantic theropod dinosaurs. <i>Nature Communications</i> , 2016, 7, 12931.	5.8	13
32	Ankylosaurian dinosaur palaeoenvironmental associations were influenced by extirpation, sea-level fluctuation, and geodispersal. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 289-299.	1.0	37
33	Osteology of <i>Carnufex carolinensis</i> (Archosauria: Psuedosuchia) from the Pekin Formation of North Carolina and Its Implications for Early Crocodylomorph Evolution. <i>PLoS ONE</i> , 2016, 11, e0157528.	1.1	18
34	The furculae of the dromaeosaurid dinosaur <i>Dakotaraptor steini</i> are trionychid turtle entoplastra. <i>PeerJ</i> , 2016, 4, e1691.	0.9	4
35	Specializations of the mandibular anatomy and dentition of <i>Segnosaurus galbinensis</i> (Theropoda: Therizinosauria). <i>PeerJ</i> , 2016, 4, e1885.	0.9	11
36	The Slothful Claw: Osteology and Taphonomy of <i>Nothronychus mckinleyi</i> and <i>N. graffami</i> (Dinosauria: Theropoda: Ornithomimidae). <i>PLoS ONE</i> , 2016, 11, e0157528.	1.1	25

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37	Early crocodylomorph increases top tier predator diversity during rise of dinosaurs. Scientific Reports, 2015, 5, 9276.	1.6	35
38	Cranial anatomy of <i>Erlikosaurus andrewsi</i> (Dinosauria, Therizinosauria): new insights based on digital reconstruction. Journal of Vertebrate Paleontology, 2014, 34, 1263-1291.	0.4	46
39	Neovenatorid theropods are apex predators in the Late Cretaceous of North America. Nature Communications, 2013, 4, 2827.	5.8	77
40	No evidence for directional evolution of body mass in herbivorous theropod dinosaurs. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122526.	1.2	46
41	Mountain Building Triggered Late Cretaceous North American Megaherbivore Dinosaur Radiation. PLoS ONE, 2012, 7, e42135.	1.1	63
42	The Endocranial Anatomy of Therizinosauria and Its Implications for Sensory and Cognitive Function. PLoS ONE, 2012, 7, e52289.	1.1	70
43	New information on the braincase of the North American therizinosaurian (Theropoda, Maniraptora) <i>Falcarius utahensis</i> . Journal of Vertebrate Paleontology, 2011, 31, 387-404.	0.4	18
44	On the earliest record of Cretaceous tyrannosauroids in western North America: implications for an Early Cretaceous Laurasian interchange event. Historical Biology, 2011, 23, 317-325.	0.7	39
45	Herbivorous ecomorphology and specialization patterns in theropod dinosaur evolution. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 232-237.	3.3	187
46	A New Troodontid Theropod, <i>Talos sampsoni</i> gen. et sp. nov., from the Upper Cretaceous Western Interior Basin of North America. PLoS ONE, 2011, 6, e24487.	1.1	73
47	A taxonomic and phylogenetic re-evaluation of Therizinosauria (Dinosauria: Maniraptora). Journal of Systematic Palaeontology, 2010, 8, 503-543.	0.6	82
48	Osteology of <i>Falcarius utahensis</i> (Dinosauria: Theropoda): characterizing the anatomy of basal therizosaurs. Zoological Journal of the Linnean Society, 2010, 158, 196-230.	1.0	77
49	Biogeography of terrestrial and freshwater vertebrates from the late Cretaceous (Campanian) Western Interior of North America. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 291, 371-387.	1.0	82
50	A new North American therizinosaurid and the role of herbivory in "predatory" dinosaur evolution. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3505-3511.	1.2	98
51	<i>Velafrons coahuilensis</i> , a new lambeosaurine hadrosaurid (Dinosauria: Ornithopoda) from the late Campanian Cerro del Pueblo Formation, Coahuila, Mexico. Journal of Vertebrate Paleontology, 2007, 27, 917-930.	0.4	58
52	The pectoral girdle and forelimb of the primitive therizinosaurid <i>Falcarius Utahensis</i> (Theropoda). Journal of Paleontology, 2006, 26, 636-650.	0.4	47
53	A primitive therizinosaurid dinosaur from the Early Cretaceous of Utah. Nature, 2005, 435, 84-87.	13.7	82
54	A new Oviraptorosaur (Theropoda, Maniraptora) from the Late Cretaceous (Campanian) of Utah. Journal of Vertebrate Paleontology, 2005, 25, 897-904.	0.4	47