Lindsay E Zanno

List of Publications by Year
in descending order

54	1,906	236925 25	276875 41
papers	citations	h-index	g-index

58	58	58	1029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	7.1	187
2	A new North American therizinosaurid and the role of herbivory in â€˜predatoryâ€™ dinosaur evolution. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3505-3511.	2.6	98
3	A primitive therizinosauroid dinosaur from the Early Cretaceous of Utah. Nature, 2005, 435, 84-87.	27.8	82
4	A taxonomic and phylogenetic re-evaluation of Therizinosauria (Dinosauria: Maniraptora). Journal of Systematic Palaeontology, 2010, 8, 503-543.	1.5	82
5	Biogeography of terrestrial and freshwater vertebrates from the late Cretaceous (Campanian) Western Interior of North America. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 291, 371-387.	2.3	82
6	Osteology ofFalcarius utahensis(Dinosauria: Theropoda): characterizing the anatomy of basal therizinosaurs. Zoological Journal of the Linnean Society, 2010, 158, 196-230.	2.3	77
7	Neovenatorid theropods are apex predators in the Late Cretaceous of North America. Nature Communications, 2013, 4, 2827.	12.8	77
8	A New Troodontid Theropod, Talos sampsoni gen. et sp. nov., from the Upper Cretaceous Western Interior Basin of North America. PLoS ONE, 2011, 6, e24487.	2.5	73
9	Tempo and Pattern of Avian Brain Size Evolution. Current Biology, 2020, 30, 2026-2036.e3.	3.9	72
10	The Endocranial Anatomy of Therizinosauria and Its Implications for Sensory and Cognitive Function. PLoS ONE, 2012, 7, e52289.	2.5	70
11	Mountain Building Triggered Late Cretaceous North American Megaherbivore Dinosaur Radiation. PLoS ONE, 2012, 7, e42135.	2.5	63
12	Velafrons coahuilensis, a new lambeosaurine hadrosaurid (Dinosauria: Ornithopoda) from the late Campanian Cerro del Pueblo Formation, Coahuila, Mexico. Journal of Vertebrate Paleontology, 2007, 27, 917-930.	1.0	58
13	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.	7.1	53
14	Growing up Tyrannosaurus rex : Osteohistology refutes the pygmy â€œ Nanotyrannus â€•and supports ontogenetic niche partitioning in juvenile Tyrannosaurus. Science Advances, 2020, 6, eaax6250.	10.3	50
15	A new Oviraptorosaur (Theropoda, Maniraptora) from the Late Cretaceous (Campanian) of Utah. Journal of Vertebrate Paleontology, 2005, 25, 897-904.	1.0	47
16	The pectoral girdle and forelimb of the primitive therizinosauroidFalcarius Utahensis(Theropoda,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Paleontology, 2006, 26, 636-650.	1.0	47
17	No evidence for directional evolution of body mass in herbivorous theropod dinosaurs. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122526.	2.6	46
18	Cranial anatomy ofErlikosaurus andrewsi(Dinosauria, Therizinosauria): new insights based on digital reconstruction. Journal of Vertebrate Paleontology, 2014, 34, 1263-1291.	1.0	46

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19	Diminutive fleet-footed tyrannosauroid narrows the 70-million-year gap in the North American fossil record. Communications Biology, 2019, 2, 64.	4.4	42
20	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.	1.4	39
21	Chemistry supports the identification of gender-specific reproductive tissue in Tyrannosaurus rex. Scientific Reports, 2016, 6, 23099.	3.3	38
22	Repeated Evolution of Divergent Modes of Herbivory in Non-avian Dinosaurs. Current Biology, 2020, 30, 158-168.e4.	3.9	38
23	Ankylosaurian dinosaur palaeoenvironmental associations were influenced by extirpation, sea-level fluctuation, and geodispersal. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 449, 289-299.	2.3	37
24	Early crocodylomorph increases top tier predator diversity during rise of dinosaurs. Scientific Reports, 2015, 5, 9276.	3.3	35
25	Systemic distribution of medullary bone in the avian skeleton: ground truthing criteria for the identification of reproductive tissues in extinct Avemetatarsalia. BMC Evolutionary Biology, 2019, 19, 71.	3.2	33
26	The Slothful Claw: Osteology and Taphonomy of Nothronychus mckinleyi and N. graffami (Dinosauria:) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	25
27	The evolution of tail weaponization in amniotes. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172299.	2.6	23
28	Quantifying shape and ecology in avian pedal claws: The relationship between the bony core and keratinous sheath. Ecology and Evolution, 2019, 9, 11545-11556.	1.9	19
29	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.	1.4	19
30	New information on the braincase of the North American therizinosaurian (Theropoda, Maniraptora) Falcarius utahensis. Journal of Vertebrate Paleontology, 2011, 31, 387-404.	1.0	18
31	Osteology of Carnufex carolinensis (Archosauria: Psuedosuchia) from the Pekin Formation of North Carolina and Its Implications for Early Crocodylomorph Evolution. PLoS ONE, 2016, 11, e0157528.	2.5	18
32	Anatomy, taphonomy, and phylogenetic implications of a new specimen of Eolambia caroljonesa (Dinosauria: Ornithopoda) from the Cedar Mountain Formation, Utah, USA. PLoS ONE, 2017, 12, e0176896.	2.5	17
33	Anatomical, morphometric, and stratigraphic analyses of theropod biodiversity in the Upper Cretaceous (Campanian) Dinosaur Park Formation¹. Canadian Journal of Earth Sciences, 2021, 58, 870-884.	1.3	16
34	Identifying medullary bone in extinct avemetatarsalians: challenges, implications and perspectives. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190133.	4.0	14
35	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. PeerJ, 2018, 6, e5883.	2.0	14
36	Bony cranial ornamentation linked to rapid evolution of gigantic theropod dinosaurs. Nature Communications, 2016, 7, 12931.	12.8	13

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37	Tail Weaponry in Ankylosaurs and Glyptodonts: An Example of a Rare but Strongly Convergent Phenotype. Anatomical Record, 2020, 303, 988-998.	1.4	12
38	Disparate Growth Strategies within Aetosauria: Novel Histologic Data from the Aetosaur Coahomasuchus chathamensis. Anatomical Record, 2019, 302, 1504-1515.	1.4	11
39	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.	3.3	11
40	Specializations of the mandibular anatomy and dentition ofSegnosaurus galbinensis(Theropoda: Therizinosauria). PeerJ, 2016, 4, e1885.	2.0	11
41	Incremental growth of therizinosaurian dental tissues: implications for dietary transitions in Theropoda. PeerJ, 2017, 5, e4129.	2.0	11
42	Under the armor: X-ray computed tomographic reconstruction of the internal skeleton ofCoahomasuchus chathamensis(Archosauria: Aetosauria) from the Upper Triassic of North Carolina, USA, and a phylogenetic analysis of Aetosauria. PeerJ, 2018, 6, e4368.	2.0	10
43	A new iguanodontian (Dinosauria: Ornithopoda) from the Early Cretaceous of Mongolia. PeerJ, 2018, 6, e5300.	2.0	9
44	Sampling impacts the assessment of tooth growth and replacement rates in archosaurs: implications for paleontological studies. PeerJ, 2020, 8, e9918.	2.0	5
45	Comment on â€œThe influence of juvenile dinosaurs on community structure and diversityâ€• Science, 2022, 375, eabj5976.	12.6	5
46	Paralic sedimentology of the Mussentuchit Member coastal plain, Cedar Mountain Formation, central Utah, U.S.A.. Journal of Sedimentary Research, 2022, 92, 546-569.	1.6	5
47	Age constraint for the Moreno Hill Formation (Zuni Basin) by CA-TIMS and LA-ICP-MS detrital zircon geochronology. PeerJ, 2021, 9, e10948.	2.0	4
48	The furculae of the dromaeosaurid dinosaurDakotaraptor steiniare trionychid turtle entoplastra. PeerJ, 2016, 4, e1691.	2.0	4
49	TRANSGRESSIVE EROSION EXPRESSED AS A GLOSSIFUNGITES-BEARING WOODGROUND: AN EXAMPLE FROM THE BLACKHAWK FORMATION, UTAH. Palaios, 2018, 33, 29-35.	1.3	3
50	Postcranial osteology of Beipiaosaurus inexpectus (Theropoda: Therizinosauria). PLoS ONE, 2021, 16, e0257913.	2.5	2
51	Keratan sulfate as a marker for medullary bone in fossil vertebrates. Journal of Anatomy, 2021, 238, 1296-1311.	1.5	2
52	Dental pathologies in lamniform and carcharhiniform sharks with comments on the classification and homology of double tooth pathologies in vertebrates. PeerJ, 2022, 10, e12775.	2.0	2
53	Glossifungites gingrasi n. isp., a probable subaqueous insect domicile from the Cretaceous Ferron Sandstone, Utah. Journal of Paleontology, 2021, 95, 427-439.	0.8	1
54	A partial tyrannosauroid femur from the mid-Cretaceous Wayan Formation of eastern Idaho, USA. Journal of Paleontology, 2022, 96, 1336-1345.	0.8	1