

Timothy Rowe

List of Publications by Year in descending order

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36
papers

3,509
citations

218677

26
h-index

361022

35
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37
all docs

37
docs citations

37
times ranked

1879
citing authors

#	ARTICLE	IF	CITATIONS
1	AMNIOTE PHYLOGENY AND THE IMPORTANCE OF FOSSILS. <i>Cladistics</i> , 1988, 4, 105-209.	3.3	969
2	Definition, diagnosis, and origin of Mammalia. <i>Journal of Vertebrate Paleontology</i> , 1988, 8, 241-264.	1.0	461
3	Neuroanatomy of flying reptiles and implications for flight, posture and behaviour. <i>Nature</i> , 2003, 425, 950-953.	27.8	240
4	A new species of the theropod dinosaur <i>Syntarsus</i> from the Early Jurassic Kayenta Formation of Arizona. <i>Journal of Vertebrate Paleontology</i> , 1989, 9, 125-136.	1.0	137
5	The oldest platypus and its bearing on divergence timing of the platypus and echidna clades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1238-1242.	7.1	116
6	A Review of the Mongolian Cretaceous Dinosaur Saurornithoides (Troodontidae: Theropoda). <i>American Museum Novitates</i> , 2009, 3654, 1-63.	0.6	108
7	Hindlimb osteology and distribution of basal dinosauromorphs from the Late Triassic of North America. <i>Journal of Vertebrate Paleontology</i> , 2009, 29, 498-516.	1.0	106
8	Description of a Cranial Endocast from the Fossil Mammal <i>Vincelestes neuquenianus</i> (Theriiformes) and its Relevance to the Evolution of Endocranial Characters in Therians. <i>Anatomical Record</i> , 2007, 290, 875-892.	1.4	94
9	The Campanian Terlingua local fauna, with a summary of other vertebrates from the Aguja Formation, Trans-Pecos Texas. <i>Journal of Vertebrate Paleontology</i> , 1992, 12, 472-493.	1.0	91
10	Homology and evolution of the deep dorsal thigh musculature in birds and other reptilia. <i>Journal of Morphology</i> , 1986, 189, 327-346.	1.2	81
11	Phylogenetic Systematics and the Early History of Mammals. , 1993, , 129-145.		80
12	Structure and function of the horn shark (<i>Heterodontus francisci</i>) cranium through ontogeny: Development of a hard prey specialist. <i>Journal of Morphology</i> , 2004, 260, 1-12.	1.2	79
13	Cranial Anatomy of <i>Citipati osmolskai</i> (Theropoda, Oviraptorosauria), and a Reinterpretation of the Holotype of <i>Oviraptor philoceratops</i> . <i>American Museum Novitates</i> , 2002, 3364, 1-24.	0.6	76
14	Definition and Diagnosis in the Phylogenetic System. <i>Systematic Zoology</i> , 1987, 36, 208.	1.6	69
15	Cranial endocasts from a growth series of <i>Monodelphis domestica</i> (Didelphidae, Marsupialia): A study of individual and ontogenetic variation. <i>Journal of Morphology</i> , 2007, 268, 844-865.	1.2	67
16	Cranial endocast of the Cretaceous theropod dinosaur <i>Acrocanthosaurus atokensis</i> . <i>Journal of Vertebrate Paleontology</i> , 2005, 25, 859-864.	1.0	64
17	Respiratory turbinates of canids and felids: a quantitative comparison. <i>Journal of Zoology</i> , 2004, 264, 281-293.	1.7	62
18	Description of a cranial endocast from a fossil platypus, <i>Obdurodon dicksoni</i> (Monotremata). <i>Journal of Morphology</i> , 2006, 267, 1000-1015.	1.2	58

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19	Respiratory and olfactory turbinal size in canid and arctoid carnivorans. <i>Journal of Anatomy</i> , 2012, 221, 609-621.	1.5	56
20	Morphology and variation within the bony labyrinth of zhelestids (Mammalia, Eutheria) and other therian mammals. <i>Journal of Vertebrate Paleontology</i> , 2011, 31, 658-675.	1.0	55
21	Digital cranial endocast of <i>Pucadelphys andinus</i> , a Paleocene metatherian. <i>Journal of Vertebrate Paleontology</i> , 2007, 27, 99-107.	1.0	47
22	Cranial anatomy of the extinct amphisbaenian <i>Rhineura hatcherii</i> (Squamata, Amphisbaenia) based on high-resolution X-ray computed tomography. <i>Journal of Morphology</i> , 2005, 264, 1-33.	1.2	46
23	Ontogenetic Sequence Analysis: using parsimony to characterize developmental sequences and sequence polymorphism. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008, 310B, 398-416.	1.3	39
24	Cranial anatomy of the spade-headed amphisbaenian <i>Diplometopon zarudnyi</i> (Squamata, amphisbaenia) based on high-resolution X-ray computed tomography. <i>Journal of Morphology</i> , 2006, 267, 70-102.	1.2	36
25	OSTEOLOGICAL DESCRIPTION OF AN EMBRYONIC SKELETON OF THE EXTINCT ELEPHANT BIRD, <i>Aepyornis</i> (PALAEOGNATHAE: RATITAE). <i>Journal of Vertebrate Paleontology</i> , 2007, 27, 1-53.	1.0	36
26	Anatomy of the Cranial Endocast of the Bottlenose Dolphin, <i>Tursiops truncatus</i> , Based on HRXCT. <i>Journal of Mammalian Evolution</i> , 2005, 12, 195-207.	1.8	35
27	The Osteoderms and Palpebral in <i>Lanthanotus borneensis</i> (Squamata: Anguimorpha). <i>Journal of Herpetology</i> , 2002, 36, 678.	0.5	31
28	First record of a basal mammalian morph from the early Late Triassic Ischigualasto Formation of Argentina. <i>PLoS ONE</i> , 2019, 14, e0218791.	2.5	28
29	Global elongation and high shape flexibility as an evolutionary hypothesis of accommodating mammalian brains into skulls. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 625-640.	2.3	27
30	A furcula in the Coelophysid theropod <i>Syntarsus</i> . <i>Journal of Vertebrate Paleontology</i> , 2002, 22, 728-733.	1.0	23
31	Comment on "Independent Origins of Middle Ear Bones in Monotremes and Therians" (I). <i>Science</i> , 2005, 309, 1492a-1492a.	12.6	21
32	Endocranial anatomy of a new fossil porpoise (Odontoceti, Phocoenidae) from the Pliocene San Diego Formation of California. <i>Journal of Paleontology</i> , 2014, 88, 652-663.	0.8	20
33	Introduction to "Alligator: Digital Atlas of the Skull". <i>Memoir Society of Vertebrate Paleontology</i> , 1999, 6, 1.	3.0	15
34	At the roots of the mammalian family tree. <i>Nature</i> , 1999, 398, 283-284.	27.8	15
35	Introduction to <i>Alligator: Digital Atlas of the Skull</i> . <i>Journal of Vertebrate Paleontology</i> , 1999, 19, 1-8.	1.0	14
36	Ancestry, Paleontology, and Definition of the Name Mammalia. <i>Systematic Biology</i> , 1992, 41, 372.	5.6	7