

Eric M Roberts

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6503146/publications.pdf>

Version: 2024-02-01

91
papers

3,592
citations

172457

29
h-index

149698

56
g-index

94
all docs

94
docs citations

94
times ranked

2968
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering Late Cretaceous palaeo-river catchments in eastern Australia: Recognition of distinct northern and southern drainage basins. <i>Basin Research</i> , 2022, 34, 590-617.	2.7	3
2	Refined geochronology and revised stratigraphic nomenclature of the Upper Cretaceous Wahweap Formation, Utah, U.S.A. and the age of early Campanian vertebrates from southern Laramidia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 591, 110876.	2.3	6
3	Paleoatmospheric CO ₂ oscillations through a cool middle/Late Cretaceous recorded from pedogenic carbonates in Africa. <i>Cretaceous Research</i> , 2022, 135, 105191.	1.4	1
4	Middle Jurassic–Lower Cretaceous stratigraphy of the northern Great Australian Superbasin: insights from maximum depositional age constraints from the U–Pb detrital zircon record. <i>Australian Journal of Earth Sciences</i> , 2022, 69, 929-952.	1.0	4
5	Age, depositional history, and paleoclimatic setting of Early Cretaceous dinosaur assemblages from the Sao Khua Formation (Khorat Group), Thailand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111107.	2.3	7
6	The oldest lamprophiid (Serpentes, Caenophidia) fossil from the late Oligocene Rukwa Rift Basin, Tanzania and the origins of African snake diversity. <i>Geobios</i> , 2021, 66-67, 67-75.	1.4	6
7	A new assemblage of Cenozoic lungfishes (Dipnoi: Lepidosirenidae) from the late Oligocene Nsungwe Formation, Rukwa Rift Basin, southwestern Tanzania. <i>Geobios</i> , 2021, 66-67, 7-14.	1.4	2
8	Geology and taphonomy of a unique tyrannosaurid bonebed from the upper Campanian Kaiparowits Formation of southern Utah: implications for tyrannosaurid gregariousness. <i>PeerJ</i> , 2021, 9, e11013.	2.0	8
9	Cryptic Middle to Late Jurassic marine incursions into northeastern Gondwana: An integrated sedimentological, ichnological and geochronological approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 569, 110330.	2.3	4
10	Paleoclimate and paleoenvironment reconstruction of paleosols spanning the Lower to Upper Cretaceous from the Rukwa Rift Basin, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 577, 110539.	2.3	5
11	New evidence of a Campanian age for the Cretaceous fossil-bearing strata of Cape Marsh, Robertson Island, Antarctica. <i>Cretaceous Research</i> , 2020, 108, 104313.	1.4	3
12	Jurassic - Early Cretaceous paleogeography and paleoenvironments of the north-eastern margin of Gondwana: Insights from the Carpentaria Basin, Australia. <i>Gondwana Research</i> , 2020, 88, 126-149.	6.0	10
13	Volcaniclastic member of the richly fossiliferous Kaiparowits Formation reveals new insights for regional correlation and tectonics in southern Utah during the latest Campanian. <i>Cretaceous Research</i> , 2020, 114, 104527.	1.4	11
14	A New Plesiosaur (Reptilia: Sauropterygia) Specimen from the Upper Cretaceous of West Antarctica, with Comments on the Ontogeny and Morphological Diversity of the Elasmosaurid Pelvic Girdle. <i>Annals of Carnegie Museum</i> , 2020, 86, 93.	0.5	1
15	Refined age and geological context of two of Australia's most important Jurassic vertebrate taxa (<i>Rhoetosaurus browni</i> and <i>Siderops kehli</i>), Queensland. <i>Gondwana Research</i> , 2019, 76, 19-25.	6.0	20
16	U-Pb detrital zircon constraints on the depositional age and provenance of the dinosaur-bearing Upper Cretaceous Wadi Milk formation of Sudan. <i>Cretaceous Research</i> , 2019, 97, 52-72.	1.4	15
17	Sedimentary provenance and maximum depositional age analysis of the Cretaceous? Lapur and Muruanachok sandstones (Turkana Grits), Turkana Basin, Kenya. <i>Geological Magazine</i> , 2019, 156, 1334-1356.	1.5	6
18	Stratigraphy and Paleobiology of the Upper Cretaceous-Lower Paleogene Sediments from the Trans-Saharan Seaway in Mali. <i>Bulletin of the American Museum of Natural History</i> , 2019, 2019, 1.	3.4	15

#	ARTICLE	IF	CITATIONS
19	The Earliest Fossil of the African Clawed Frog (Genus <i>Xenopus</i>) from Sub-Saharan Africa. <i>Journal of Herpetology</i> , 2019, 53, 125.	0.5	14
20	Morphological diversification of ampullariid gastropods (Nsungwe Formation, Late Oligocene, Rukwa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 327-348.	1.5	5
21	TAPHONOMY, GEOLOGICAL AGE, AND PALEOBIOGEOGRAPHY OF LOTOSAURUS ADENTUS (ARCHOSAURIA:) Tj ETQq1 1 0.784314 rg 33, 106-124.	1.3	10
22	Paleomagnetism of the Cretaceous Galula Formation and implications for vertebrate evolution. <i>Journal of African Earth Sciences</i> , 2018, 139, 403-420.	2.0	10
23	A Fossil Gekkotan (Squamata) from the Late Oligocene Nsungwe Formation, Rukwa Rift Basin, Tanzania. <i>Journal of Herpetology</i> , 2018, 52, 223-227.	0.5	4
24	Application of Uâ€“Pb detrital zircon geochronology to drill cuttings for age control in hydrocarbon exploration wells: A case study from the Rukwa Rift Basin, Tanzania. <i>AAPG Bulletin</i> , 2017, 101, 143-159.	1.5	19
25	Sedimentology and paleoenvironments of a new fossiliferous late Miocene-Pliocene sedimentary succession in the Rukwa Rift Basin, Tanzania. <i>Journal of African Earth Sciences</i> , 2017, 129, 260-281.	2.0	12
26	Investigating the stratigraphy and palaeoenvironments for a suite of newly discovered mid-Cretaceous vertebrate fossil-localities in the Winton Formation, Queensland, Australia. <i>Sedimentary Geology</i> , 2017, 358, 210-229.	2.1	22
27	A new tyrannosaur with evidence for anagenesis and crocodile-like facial sensory system. <i>Scientific Reports</i> , 2017, 7, 44942.	3.3	81
28	The second titanosaurian (Dinosauria: Sauropoda) from the middle Cretaceous Galula Formation, southwestern Tanzania, with remarks on African titanosaurian diversity. <i>Journal of Vertebrate Paleontology</i> , 2017, 37, e1343250.	1.0	29
29	Lithological and facies analysis of the Roseneath and Murteree shales, Cooper Basin, Australia. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 37, 138-168.	4.4	13
30	The age of <i>Homo naledi</i> and associated sediments in the Rising Star Cave, South Africa. <i>ELife</i> , 2017, 6, .	6.0	214
31	New fossil remains of <i>Homo naledi</i> from the Lesedi Chamber, South Africa. <i>ELife</i> , 2017, 6, .	6.0	106
32	Late Jurassic-Cretaceous fluvial evolution of central Africa: Insights from the Kasai-Congo Basin, Democratic Republic Congo. <i>Cretaceous Research</i> , 2016, 67, 25-43.	1.4	14
33	Using ¹⁰ Be cosmogenic isotopes to estimate erosion rates and landscape changes during the Plio-Pleistocene in the Cradle of Humankind, South Africa. <i>Journal of Human Evolution</i> , 2016, 96, 19-34.	2.6	19
34	Mineralogical modelling and petrophysical parameters in Permian gas shales from the Roseneath and Murteree formations, Cooper Basin, Australia. <i>Petroleum Exploration and Development</i> , 2016, 43, 277-284.	7.0	11
35	Large igneous province or long-lived magmatic arc along the eastern margin of Australia during the Cretaceous? Insights from the sedimentary record. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1461-1480.	3.3	45
36	Depositional Environment of the Lower Cretaceous (Upper Albian) Winton Formation At Isisford, Central-West Queensland, Australia, Inferred From Sandstone Concretions. <i>Journal of Sedimentary Research</i> , 2016, 86, 1067-1082.	1.6	12

#	ARTICLE	IF	CITATIONS
37	Interplay of Structural, Climatic, and Volcanic Controls On Late Quaternary Lacustrineâ€”Deltaic Sedimentation Patterns In the Western Branch of the East African Rift System, Rukwa Rift Basin, Tanzania. <i>Journal of Sedimentary Research</i> , 2016, 86, 1179-1207.	1.6	16
38	New sedimentary structures in seismites from SW Tanzania: Evaluating gas- vs. water-escape mechanisms of soft-sediment deformation. <i>Sedimentary Geology</i> , 2016, 344, 253-262.	2.1	18
39	The earliest fossil evidence of bone boring by terrestrial invertebrates, examples from China and South Africa. <i>Historical Biology</i> , 2016, 28, 1108-1117.	1.4	23
40	MKED1: A new titanite standard for in situ analysis of Smâ€”Nd isotopes and Uâ€”Pb geochronology. <i>Chemical Geology</i> , 2016, 425, 110-126.	3.3	153
41	Oligocene Termite Nests with In Situ Fungus Gardens from the Rukwa Rift Basin, Tanzania, Support a Paleogene African Origin for Insect Agriculture. <i>PLoS ONE</i> , 2016, 11, e0156847.	2.5	65
42	Giant Seismites and Megablock Uplift in the East African Rift: Evidence for Late Pleistocene Large Magnitude Earthquakes. <i>PLoS ONE</i> , 2015, 10, e0129051.	2.5	15
43	MULTISPECIES SHARK FEEDING IN THE TRANS-SAHARAN SEAWAY: EVIDENCE FROM LATE CRETACEOUS DYROSAURID (CROCODYLIFORMES) FOSSILS FROM NORTHEASTERN MALI. <i>Palaios</i> , 2015, 30, 589-596.	1.3	6
44	Stable isotopic insights into paleoclimatic conditions and alluvial depositional processes in the Kaiparowits Formation (Campanian, south-central Utah, U.S.A.). <i>Cretaceous Research</i> , 2015, 56, 180-192.	1.4	11
45	The earliest record of the endemic African frog family Ptychadenidae from the Oligocene Nsungwe Formation of Tanzania. <i>Journal of Vertebrate Paleontology</i> , 2015, 35, e907174.	1.0	19
46	Mesozoic Sedimentary Cover Sequences of the Congo Basin in the Kasai Region, Democratic Republic of Congo. , 2015, , 163-191.		12
47	Geological and taphonomic context for the new hominin species <i>Homo naledi</i> from the Dinaledi Chamber, South Africa. <i>ELife</i> , 2015, 4, .	6.0	114
48	Stratigraphy and vertebrate paleoecology of Upper Cretaceousâ€”lowest Paleogene strata on Vega Island, Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 402, 55-72.	2.3	24
49	The basal titanosaurian <i>Rukwatitan bisepultus</i> (Dinosauria, Sauropoda) from the middle Cretaceous Galula Formation, Rukwa Rift Basin, southwestern Tanzania. <i>Journal of Vertebrate Paleontology</i> , 2014, 34, 1133-1154.	1.0	45
50	Novel insect traces on a dinosaur skeleton from the Lower Jurassic Lufeng Formation of China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 388, 58-68.	2.3	24
51	Pelvic morphology of a tritylodontid (Synapsida: Eucynodontia) from the Lower Jurassic of China, and some functional and phylogenetic implications. <i>Comptes Rendus - Palevol</i> , 2013, 12, 505-518.	0.2	8
52	Embryology of Early Jurassic dinosaur from China with evidence of preserved organic remains. <i>Nature</i> , 2013, 496, 210-214.	27.8	74
53	Detrital zircon age constraints for the Winton Formation, Queensland: Contextualizing Australia's Late Cretaceous dinosaur faunas. <i>Gondwana Research</i> , 2013, 24, 767-779.	6.0	146
54	Palaeontological evidence for an Oligocene divergence between Old World monkeys and apes. <i>Nature</i> , 2013, 497, 611-614.	27.8	180

#	ARTICLE	IF	CITATIONS
55	Criteria for identifying bone modification by termites in the fossil record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 337-338, 72-87.	2.3	87
56	Initiation of the western branch of the East African Rift coeval with the eastern branch. <i>Nature Geoscience</i> , 2012, 5, 289-294.	12.9	260
57	The Earliest Evidence of Holometabolan Insect Pupation in Conifer Wood. <i>PLoS ONE</i> , 2012, 7, e31668.	2.5	29
58	Oldest known dinosaurian nesting site and reproductive biology of the Early Jurassic sauropodomorph <i>Massospondylus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2428-2433.	7.1	52
59	Facies Associations, Paleoenvironment, and Base-Level Changes in the Upper Cretaceous Wahweap Formation, Utah, U.S.A.. <i>Journal of Sedimentary Research</i> , 2011, 81, 266-283.	1.6	27
60	Sedimentology and depositional environments of the Red Sandstone Group, Rukwa Rift Basin, southwestern Tanzania: New insight into Cretaceous and Paleogene terrestrial ecosystems and tectonics in sub-equatorial Africa. <i>Journal of African Earth Sciences</i> , 2010, 57, 179-212.	2.0	76
61	The evolution of mammal-like crocodyliforms in the Cretaceous Period of Gondwana. <i>Nature</i> , 2010, 466, 748-751.	27.8	114
62	New Horned Dinosaurs from Utah Provide Evidence for Intracontinental Dinosaur Endemism. <i>PLoS ONE</i> , 2010, 5, e12292.	2.5	143
63	First Mesozoic Record of the Stingray <i>Myliobatis wurnoensis</i> from Mali and a Phylogenetic Analysis of Myliobatidae Incorporating Dental Characters. <i>Acta Palaeontologica Polonica</i> , 2010, 55, 655-674.	0.4	44
64	Biogeography of terrestrial and freshwater vertebrates from the late Cretaceous (Campanian) Western Interior of North America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 371-387.	2.3	82
65	New ⁴⁰ Ar- ³⁹ Ar and detrital zircon U-Pb ages for the Upper Cretaceous Wahweap and Kaiparowits formations on the Kaiparowits Plateau, Utah: implications for regional correlation, provenance, and biostratigraphy. <i>Cretaceous Research</i> , 2009, 30, 287-299.	1.4	65
66	<i>Kahawamys mbeyaensis</i> (n. gen., n. sp.) (Rodentia: Thryonomyoidea) from the late Oligocene Rukwa Rift Basin, Tanzania. <i>Journal of Vertebrate Paleontology</i> , 2009, 29, 631-634.	1.0	19
67	A hyracoid from the Late Oligocene Red Sandstone Group of Tanzania, <i>Rukwalorax jinokitana</i> (gen. and sp. nov.). <i>Journal of African Earth Sciences</i> , 2009, 57, 179-212.	1.0	18
68	Dyrosaurid (Crocodyliformes: Mesoeucrocodylia) Fossils from the Upper Cretaceous and Paleogene of Mali: Implications for Phylogeny and Survivorship across the K/T Boundary. <i>American Museum Novitates</i> , 2008, 3631, 1.	0.6	30
69	Taphonomy and Sedimentology of Storm-Generated Continental Shell Beds: A Case Example from the Cretaceous Western Interior Basin. <i>Journal of Geology</i> , 2008, 116, 462-479.	1.4	14
70	Phosphate Taphonomy of Bone and Coprolite Conglomerates: A Case Study from the Eocene of Mali, NW Africa. <i>Palaios</i> , 2008, 23, 139-152.	1.3	24
71	Paleontological Exploration in Africa. <i>Journal of African Earth Sciences</i> , 2008, 57, 179-212.		15
72	A new freshwater crab (Decapoda: Brachyura: Potamonautidae) from the Paleogene of Tanzania, Africa. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2007, 244, 71-78.	0.4	26

#	ARTICLE	IF	CITATIONS
73	CONTINENTAL INSECT BORINGS IN DINOSAUR BONE: EXAMPLES FROM THE LATE CRETACEOUS OF MADAGASCAR AND UTAH. <i>Journal of Paleontology</i> , 2007, 81, 201-208.	0.8	105
74	Facies architecture and depositional environments of the Upper Cretaceous Kaiparowits Formation, southern Utah. <i>Sedimentary Geology</i> , 2007, 197, 207-233.	2.1	113
75	A new vertebrate fauna from the Cretaceous Red Sandstone Group, Rukwa Rift Basin, Southwestern Tanzania. <i>Journal of African Earth Sciences</i> , 2006, 44, 277-288.	2.0	44
76	A NEW SOCIAL INSECT NEST FROM THE UPPER CRETACEOUS KAIPAROWITS FORMATION OF SOUTHERN UTAH. <i>Journal of Paleontology</i> , 2006, 80, 768-774.	0.8	26
77	METAPHIOMYS (RODENTIA: PHIOMYIDAE) FROM THE PALEOGENE OF SOUTHWESTERN TANZANIA. <i>Journal of Paleontology</i> , 2006, 80, 407-410.	0.8	30
78	Malian Paenungulata (Mammalia: Placentalia): new African afrotheres from the early Eocene. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 981-988.	1.0	16
79	An anthropoid primate humerus from the Rukwa Rift Basin, Paleogene of southwestern Tanzania. <i>Journal of Vertebrate Paleontology</i> , 2005, 25, 986-989.	1.0	26
80	⁴⁰ Ar/ ³⁹ Ar age of the Kaiparowits Formation, southern Utah, and correlation of contemporaneous Campanian strata and vertebrate faunas along the margin of the Western Interior Basin. <i>Cretaceous Research</i> , 2005, 26, 307-318.	1.4	92
81	Late Cretaceous stratigraphy, depositional environments, and macrovertebrate paleontology of the Kaiparowits Plateau, Grand Staircase-Escalante National Monument, Utah. , 2005, , 101-128.		12
82	Bivalve Borings in Phosphatic Coprolites and Bone, Cretaceous-Paleogene, Northeastern Mali. <i>Palaaios</i> , 2004, 19, 565-573.	1.3	51
83	Dinosaur eggshell from the Red Sandstone Group of Tanzania. <i>Journal of Vertebrate Paleontology</i> , 2004, 24, 494-497.	1.0	16
84	Titanosaurian (Dinosauria: Sauropoda) remains from the "Continental Intercalaire" of Mali. <i>Journal of Vertebrate Paleontology</i> , 2004, 24, 923-930.	1.0	31
85	Revised stratigraphy and age of the Red Sandstone Group in the Rukwa Rift Basin, Tanzania. <i>Cretaceous Research</i> , 2004, 25, 749-759.	1.4	53
86	A DYROSAURID CROCODYLIFORM BRAINCASE FROM MALI. <i>Journal of Paleontology</i> , 2002, 76, 1060-1071.	0.8	40
87	An extensive deposit of fossil conifer wood from the Mesozoic of Mali, southern Sahara. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 186, 115-126.	2.3	14
88	A dyrosaurid crocodyliform braincase from Mali. <i>Journal of Paleontology</i> , 2002, 76, 1060-1071.	0.8	52
89	Taphonomy of a Petrified Forest in the Two Medicine Formation (Campanian), Northwest Montana: Implications for Palinspastic Restoration of the Boulder Batholith and Elkhorn Mountains Volcanics. <i>Palaaios</i> , 2000, 15, 476-482.	1.3	21
90	A revised Permian-Triassic stratigraphic framework for the northeastern Galilee Basin, Queensland, Australia, and definition of a new Middle-Upper Triassic sedimentary unit. <i>Australian Journal of Earth Sciences</i> , 0, , 1-22.	1.0	1

#	ARTICLE	IF	CITATIONS
91	Macroscelideans (Myohyracinae and Rhynchocyoninae) from the late Oligocene Nsungwe formation of the Rukwa Rift Basin, southwestern Tanzania. <i>Historical Biology</i> , 0, , 1-7.	1.4	3