William C Clyde

List of Publications by Year
in descending order

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56 papers	2,955 citations	218592 26 h-index	214721 47 g-index
60 all docs	60 docs citations	60 times ranked	2719 citing authors

#	Article	IF	Citations
1	Initiation of the western branch of the East African Rift coeval with the eastern branch. Nature Geoscience, 2012, 5, 289-294.	5.4	260
2	Mammalian Dispersal at the Paleocene/Eocene Boundary. Science, 2002, 295, 2062-2065.	6.0	225
3	Intra-tooth variations in Î´18O (PO4) of mammalian tooth enamel as a record of seasonal variations in continental climate variables. Geochimica Et Cosmochimica Acta, 1998, 62, 1839-1850.	1.6	224
4	Evidence for rapid climate change in North America during the latest Paleocene thermal maximum: oxygen isotope compositions of biogenic phosphate from the Bighorn Basin (Wyoming). Earth and Planetary Science Letters, 1998, 160, 193-208.	1.8	215
5	Two massive, rapid releases of carbon during the onset of the Palaeoceneâ€“Eocene thermalÂmaximum. Nature Geoscience, 2015, 8, 44-47.	5.4	188
6	Mammalian community response to the latest Paleocene thermal maximum: An isotaphonomic study in the northern Bighorn Basin, Wyoming. Geology, 1998, 26, 1011.	2.0	159
7	Basal Anthropoids from Egypt and the Antiquity of Africa's Higher Primate Radiation. Science, 2005, 310, 300-304.	6.0	158
8	Exceptional continental record of biotic recovery after the Cretaceousâ€“Paleogene mass extinction. Science, 2019, 366, 977-983.	6.0	122
9	New age constraints for the Salamanca Formation and lower Rio Chico Group in the western San Jorge Basin, Patagonia, Argentina: Implications for Cretaceous-Paleogene extinction recovery and land mammal age correlations. Bulletin of the Geological Society of America, 2014, 126, 289-306.	1.6	103
10	Rates of evolution in the dentition of early Eocene Cantius: comparison of size and shape. Paleobiology, 1994, 20, 506-522.	1.3	84
11	Direct high-precision Uâ€“Pb geochronology of the end-Cretaceous extinction and calibration of Paleocene astronomical timescales. Earth and Planetary Science Letters, 2016, 452, 272-280.	1.8	83
12	Terrestrial carbon isotope excursions and biotic change during Palaeogene hyperthermals. Nature Geoscience, 2012, 5, 326-329.	5.4	80
13	Basin-wide magnetostratigraphic framework for the Bighorn Basin, Wyoming. Bulletin of the Geological Society of America, 2007, 119, 848-859.	1.6	70
14	Linking the Wasatchian/Bridgerian boundary to the Cenozoic Global Climate Optimum: new magnetostratigraphic and isotopic results from South Pass, Wyoming. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 167, 175-199.	1.0	64
15	Geochronology and Mammalian Biostratigraphy of Middle and Upper Paleocene Continental Strata, Bighorn Basin, Wyoming. Numerische Mathematik, 2006, 306, 211-245.	0.7	62
16	Comparing the fit of stratigraphic and morphologic data in phylogenetic analysis. Paleobiology, 1997, 23, 1-19.	1.3	59
17	Stratigraphic response and mammalian dispersal during initial India-Asia collision: Evidence from the Ghazij Formation, Balochistan, Pakistan. Geology, 2003, 31, 1097.	2.0	57
18	Reassessing hominoid phylogeny: evaluating congruence in the morphological and temporal data. Paleobiology, 2004, 30, 614-651.	1.3	51

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19	New age constraints for early Paleogene strata of central Patagonia, Argentina: Implications for the timing of South American Land Mammal Ages. Bulletin of the Geological Society of America, 2017, 129, 886-903.	1.6	51
20	Chronology of the Wasatchian Land-Mammal Age (Early Eocene): Magnetostratigraphic Results from the McCullough Peaks Section, Northern Bighorn Basin, Wyoming. Journal of Geology, 1994, 102, 367-377.	0.7	49
21	Geology, Paleoenvironment, and Age of Birket Qarun Locality 2 (BQ-2), Fayum Depression, Egypt. , 2008, , 71-86.		40
22	Synchronizing early Eocene deep-sea and continental records â€“ cyclostratigraphic age models for the Bighorn Basin Coring Project drill cores. Climate of the Past, 2018, 14, 303-319.	1.3	39
23	A strategy for cross-calibrating Uâ€“Pb chronology and astrochronology of sedimentary sequences: An example from the Green River Formation, Wyoming, USA. Earth and Planetary Science Letters, 2015, 413, 70-78.	1.8	35
24	Magnetostratigraphy Across the Wasatchian/Bridgerian Nalma Boundary (Early to Middle Eocene) in the Western Green River Basin, Wyoming. Journal of Geology, 1997, 105, 657-670.	0.7	34
25	Carbon and oxygen isotope records from Paleosols spanning the Paleocene-Eocene boundary, Bighorn Basin, Wyoming. , 2003, , .		32
26	New Paleomagnetic and Stableâ€Isotope Results from the Nanxiong Basin, China: Implications for the K/T Boundary and the Timing of Paleocene Mammalian Turnover. Journal of Geology, 2010, 118, 131-143.	0.7	30
27	An integrated stratigraphic record from the Paleocene of the Chijiang Basin, Jiangxi Province (China): Implications for mammalian turnover and Asian block rotations. Earth and Planetary Science Letters, 2008, 269, 554-564.	1.8	27
28	Lower Paleogene Tectonostratigraphy of Balochistan: Evidence for Time-Transgressive Late Paleocene-Early Eocene Uplift. Geosciences (Switzerland), 2013, 3, 466-501.	1.0	27
29	SEDIMENTARY FACIES AND DEPOSITIONAL ENVIRONMENTS OF DIVERSE EARLY PALEOCENE FLORAS, NORTH-CENTRAL SAN JORGE BASIN, PATAGONIA, ARGENTINA. Palaios, 2015, 30, 553-573.	0.6	26
30	New South American record of the Cretaceousâ€“Paleogene boundary interval (La Colonia Formation,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	26
31	Phenotypic response of foraminifera to episodes of global environmental change. , 2000, , 51-78.		25
32	Fine-tuning the calibration of the early to middle Eocene geomagnetic polarity time scale: Paleomagnetism of radioisotopically dated tuffs from Laramide foreland basins. Bulletin of the Geological Society of America, 2012, 124, 870-885.	1.6	23
33	Magnetic minerals as recorders of weathering, diagenesis, and paleoclimate: A coreâ€“outcrop comparison of Paleoceneâ€“Eocene paleosols in the Bighorn Basin, WY, USA. Earth and Planetary Science Letters, 2016, 452, 15-26.	1.8	23
34	Repetitive mammalian dwarfing during ancient greenhouse warming events. Science Advances, 2017, 3, e1601430.	4.7	20
35	Bighorn Basin Coring Project (BBCP): a continental perspective on early Paleogene hyperthermals. Scientific Drilling, 0, 16, 21-31.	1.0	18
36	Magnetostratigraphy of the Hell Creek and lower Fort Union Formations in northeastern Montana. , 2014, , .		16

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37	Gandhera Quarry, A Unique Mammalian Faunal Assemblage From the Early Eocene of Baluchistan (Pakistan). Topics in Geobiology, 2001, , 251-262.	0.6	15
38	Biostratigraphic, chemostratigraphic, and magnetostratigraphic study across the Paleocene-Eocene boundary in the Hengyang Basin, Hunan, China. , 2003, , .		15
39	40Ar/39Ar geochronology of the Eocene Green River Formation, Wyoming: Discussion. Bulletin of the Geological Society of America, 2004, 116, 251.	1.6	12
40	Rock magnetic and geochemical evidence for authigenic magnetite formation via iron reduction in coalâ€bearing sediments offshore <scp>S</scp>himokita <scp>P</scp>eninsula, <scp>J</scp>apan (IODP) Tj ETQq1 0.0 0 rgBT /Overlock		12
41	Constructing a time scale of biotic recovery across the Cretaceousâ€“Paleogene boundary, Corral Bluffs, Denver Basin, Colorado, U.S.A.. Rocky Mountain Geology, 2019, 54, 133-153.	0.4	12
42	Comparing the Gap Excess Ratio and the Retention Index of the Stratigraphic Character. Systematic Biology, 2002, 51, 166-166.	2.7	11
43	Stable isotope patterns found in early Eocene equid tooth rows of North America: Implications for reproductive behavior and paleoclimate. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 310-319.	1.0	11
44	Paleomagnetism of the Cretaceous Galula Formation and implications for vertebrate evolution. Journal of African Earth Sciences, 2018, 139, 403-420.	0.9	10
45	Endemism in Wyoming plant and insect herbivore communities during the early Eocene hothouse. Paleobiology, 2019, 45, 421-439.	1.3	10
46	NEW EARLY EOCENE MAMMALIAN FOSSILS FROM THE HENGYANG BASIN, HUNAN CHINA. Bulletin of Carnegie Museum of Natural History, 2004, 36, 291-301.	1.0	7
47	Testing the relationship between pedofacies and avulsion using Markov analysis. Numerische Mathematik, 2003, 303, 60-71.	0.7	6
48	Isolating Detrital and Diagenetic Signals in Magnetic Susceptibility Records From Methaneâ€Bearing Marine Sediments. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009867.	1.0	6
49	Evaluating the Relationship between Pedofacies and Faunal Composition: Implications for Faunal Turnover at the Paleocene-Eocene Boundary. , 2005, 20, 390-399.		5
50	Coring project in Bighorn Basin: Drilling phase complete. Eos, 2012, 93, 41-42.	0.1	4
51	Strange Old World - Late Paleoceneâ€”Early Eocene Climatic and Biotic Events in the Marine and Terrestrial Record. Edited by Marie-Pierre Aubry, Spencer Lucas, and William Berggren Columbia University Press, New York. 1998. 513 pages.. Paleobiology, 1999, 25, 417-423.	1.3	3
52	Terrestrial carbon isotope stratigraphy and mammal turnover during post-PETM hyperthermals in the Bighorn Basin, Wyoming, USA. Climate of the Past, 2022, 18, 681-712.	1.3	3
53	Tectonic and biogeographic implications of the Ghazij Formation (lower Eocene), Baluchistan Province, Pakistan. Gff, 2000, 122, 34-35.	0.4	2
54	Terrestrial Ecosystem Response to Climate Change during the Paleogene. , 2012, , 157-177.		2

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55	Sulaimanius, gen. nov., and Indusomys, gen. nov., replacement names for Sulaimania and Indusius Gunnell, Gingerich, Ul-Haq, Bloch, Khan, and Clyde, 2008, preoccupied names. Journal of Vertebrate Paleontology, 2012, 32, 975-975.	0.4	1
56	Chronology of the Wasatchian Land-Mammal Age (Early Eocene): Magnetostratigraphic Results from the McCullough Peaks Section, Northern Bighorn Basin, Wyoming: A Reply. Journal of Geology, 1995, 103, 464-466.	0.7	0