

# Brian S Currie

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

4,450  
citations

201575

27  
h-index

302012

39  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palaeo-altimetry of the late Eocene to Miocene Lunpola basin, central Tibet. <i>Nature</i> , 2006, 439, 677-681.	13.7	684
2	A new approach to stable isotope-based paleoaltimetry: implications for paleoaltimetry and paleohypsometry of the High Himalaya since the Late Miocene. <i>Earth and Planetary Science Letters</i> , 2001, 188, 253-268.	1.8	373
3	Age of Initiation of the India-Asia Collision in the East-Central Himalaya. <i>Journal of Geology</i> , 2005, 113, 265-285.	0.7	297
4	A Basal Dinosaur from the Dawn of the Dinosaur Era in Southwestern Pangaea. <i>Science</i> , 2011, 331, 206-210.	6.0	276
5	Asa Issie, Aramis and the origin of Australopithecus. <i>Nature</i> , 2006, 440, 883-889.	13.7	244
6	Paleoaltimetry of the Tibetan Plateau from D/H ratios of lipid biomarkers. <i>Earth and Planetary Science Letters</i> , 2009, 287, 64-76.	1.8	221
7	Neogene climate change and uplift in the Atacama Desert, Chile. <i>Geology</i> , 2006, 34, 761.	2.0	192
8	Middle Miocene paleoaltimetry of southern Tibet: Implications for the role of mantle thickening and delamination in the Himalayan orogen. <i>Geology</i> , 2005, 33, 181.	2.0	187
9	Earthquakes Induced by Hydraulic Fracturing in Poland Township, Ohio. <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 189-197.	1.1	182
10	The Geological, Isotopic, Botanical, Invertebrate, and Lower Vertebrate Surroundings of <i>Ardipithecus ramidus</i> . <i>Science</i> , 2009, 326, 65.	6.0	159
11	Sequence stratigraphy of nonmarine Jurassic-Cretaceous rocks, central Cordilleran foreland-basin system. <i>Bulletin of the Geological Society of America</i> , 1997, 109, 1206-1222.	1.6	149
12	Geochemical Evaluation of Fenghuoshan Group Lacustrine Carbonates, North-Central Tibet: Implications for the Paleoaltimetry of the Eocene Tibetan Plateau. <i>Journal of Geology</i> , 2005, 113, 517-533.	0.7	130
13	Regional paleoclimatic and stratigraphic implications of paleosols and fluvial/overbank architecture in the Morrison Formation (Upper Jurassic), Western Interior, USA. <i>Sedimentary Geology</i> , 2004, 167, 115-135.	1.0	126
14	Cenozoic paleoaltimetry of the SE margin of the Tibetan Plateau: Constraints on the tectonic evolution of the region. <i>Earth and Planetary Science Letters</i> , 2015, 432, 415-424.	1.8	126
15	Large-scale subduction of continental crust implied by India-Asia mass-balance calculation. <i>Nature Geoscience</i> , 2016, 9, 848-853.	5.4	111
16	Optimizing multi-station earthquake template matching through re-examination of the Youngstown, Ohio, sequence. <i>Earth and Planetary Science Letters</i> , 2014, 405, 274-280.	1.8	102
17	Stratigraphy and architecture of the Upper Triassic Ischigualasto Formation, Ischigualasto Provincial Park, San Juan, Argentina. <i>Journal of South American Earth Sciences</i> , 2009, 27, 74-87.	0.6	81
18	Earthquakes Induced by Hydraulic Fracturing Are Pervasive in Oklahoma. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,918.	1.4	81

#	ARTICLE	IF	CITATIONS
19	Evidence for the development of the Andean rain shadow from a Neogene isotopic record in the Atacama Desert, Chile. <i>Earth and Planetary Science Letters</i> , 2010, 292, 371-382.	1.8	73
20	Multiproxy paleoaltimetry of the Late Oligocene-Pliocene Oiyug Basin, southern Tibet. <i>Numerische Mathematik</i> , 2016, 316, 401-436.	0.7	70
21	A Cretaceous-Eocene depositional age for the Fenghuoshan Group, Hoh Xil Basin: Implications for the tectonic evolution of the northern Tibet Plateau. <i>Tectonics</i> , 2014, 33, 281-301.	1.3	65
22	Maturity of nearby faults influences seismic hazard from hydraulic fracturing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1720-E1729.	3.3	60
23	Proximity of Precambrian basement affects the likelihood of induced seismicity in the Appalachian, Illinois, and Williston Basins, central and eastern United States. , 2018, 14, 1365-1379.		59
24	Distinguishing induced seismicity from natural seismicity in Ohio: Demonstrating the utility of waveform template matching. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 6284-6296.	1.4	54
25	Mineralogical and geochemical evolution of a basalt-hosted fossil soil (Late Triassic, Ischigualasto) Tj ETQq1 1 0.784314 rgBT /Overlook Geological Society of America, 2004, 116, 1280.	1.6	53
26	Paleocene to Pliocene low-latitude, high-elevation basins of southern Tibet: Implications for tectonic models of India-Asia collision, Cenozoic climate, and geochemical weathering. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 307-330.	1.6	50
27	Massive middle Miocene gypsic paleosols in the Atacama Desert and the formation of the Central Andean rain-shadow. <i>Earth and Planetary Science Letters</i> , 2019, 506, 184-194.	1.8	41
28	Hydraulic Fracture Injection Strategy Influences the Probability of Earthquakes in the Eagle Ford Shale Play of South Texas. <i>Geophysical Research Letters</i> , 2019, 46, 12958-12967.	1.5	33
29	An efficient repeating signal detector to investigate earthquake swarms. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 5880-5897.	1.4	30
30	Large-Diameter Burrows of the Triassic Ischigualasto Basin, NW Argentina: Paleoecological and Paleoenvironmental Implications. <i>PLoS ONE</i> , 2012, 7, e50662.	1.1	24
31	Microseismicity Induced by Deep Wastewater Injection in Southern Trumbull County, Ohio. <i>Seismological Research Letters</i> , 2015, 86, 1326-1334.	0.8	24
32	Factors Influencing the Probability of Hydraulic Fracturing-Induced Seismicity in Oklahoma. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 2272-2282.	1.1	22
33	A Late Triassic soil catena: Landscape and climate controls on paleosol morphology and chemistry across the Carnian-age Ischigualasto "Villa Union basin, northwestern Argentina. , 2006, , .		17
34	Temporal patterns of induced seismicity in Oklahoma revealed from multi-station template matching. <i>Journal of Seismology</i> , 2020, 24, 921-935.	0.6	14
35	Lessons learned from the Youngstown, Ohio induced earthquake sequence from January 2011 to January 2012. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017, 9, 783-796.	3.7	10
36	Seismicity Induced by Wastewater Injection in Washington County, Ohio: Influence of Preexisting Structure, Regional Stress Regime, and Well Operations. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4123-4140.	1.4	7

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37	Diagenesis of shallowly buried Miocene lacustrine carbonates from the Hoh Xil Basin, northern Tibetan Plateau: Implications for stable-isotope based elevation estimates. <i>Sedimentary Geology</i> , 2019, 388, 20-36.	1.0	7
38	Age of Initiation of the India-Asia Collision in the East-Central Himalaya: A Reply. <i>Journal of Geology</i> , 2006, 114, 641-643.	0.7	6
39	Palaeo-altimetry of Tibet (reply). <i>Nature</i> , 2006, 444, E4-E5.	13.7	6
40	Reply to "Modern precipitation stable isotope vs. elevation gradients in the High Himalaya" by Hou Shugui et al.. <i>Earth and Planetary Science Letters</i> , 2003, 209, 401-403.	1.8	3
41	Corrigendum to "Optimizing multi-station earthquake template matching through re-examination of the Youngstown, Ohio, sequence" [Earth Planet. Sci. Lett. 405 (2014) 274-280]. <i>Earth and Planetary Science Letters</i> , 2015, 410, 210.	1.8	1
42	An efficient repeating signal detector to detect and characterize induced seismicity. , 2016, , .		0