Brian S Currie

List of Publications by Year
in descending order

42 papers	4,450 citations	201674 27 h-index	302126 39 g-index
42 all docs	42 docs citations	42 times ranked	3672 citing authors

#	Article	IF	Citations
1	Temporal patterns of induced seismicity in Oklahoma revealed from multi-station template matching. Journal of Seismology, 2020, 24, 921-935.	1.3	14
2	Factors Influencing the Probability of Hydraulic Fracturing-Induced Seismicity in Oklahoma. Bulletin of the Seismological Society of America, 2020, 110, 2272-2282.	2.3	22
3	Hydraulic Fracture Injection Strategy Influences the Probability of Earthquakes in the Eagle Ford Shale Play of South Texas. Geophysical Research Letters, 2019, 46, 12958-12967.	4.0	33
4	Diagenesis of shallowly buried Miocene lacustrine carbonates from the Hoh Xil Basin, northern Tibetan Plateau: Implications for stable-isotope based elevation estimates. Sedimentary Geology, 2019, 388, 20-36.	2.1	7
5	Massive middle Miocene gypsic paleosols in the Atacama Desert and the formation of the Central Andean rain-shadow. Earth and Planetary Science Letters, 2019, 506, 184-194.	4.4	41
6	Seismicity Induced by Wastewater Injection in Washington County, Ohio: Influence of Preexisting Structure, Regional Stress Regime, and Well Operations. Journal of Geophysical Research: Solid Earth, 2018, 123, 4123-4140.	3.4	7
7	Maturity of nearby faults influences seismic hazard from hydraulic fracturing. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1720-E1729.	7.1	60
8	Paleocene to Pliocene low-latitude, high-elevation basins of southern Tibet: Implications for tectonic models of India-Asia collision, Cenozoic climate, and geochemical weathering. Bulletin of the Geological Society of America, 2018, 130, 307-330.	3.3	50
9	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
10	Earthquakes Induced by Hydraulic Fracturing Are Pervasive in Oklahoma. Journal of Geophysical Research: Solid Earth, 2018, 123, 10,918.	3.4	81
11	Lessons learned from the Youngstown, Ohio induced earthquake sequence from January 2011 to January 2012. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 783-796.	8.1	10
12	An efficient repeating signal detector to investigate earthquake swarms. Journal of Geophysical Research: Solid Earth, 2016, 121, 5880-5897.	3.4	30
13	Large-scale subduction of continental crust implied by Indiaâ€“Asia mass-balance calculation. Nature Geoscience, 2016, 9, 848-853.	12.9	111
14	An efficient repeating signal detector to detect and characterize induced seismicity. , 2016, , .		0
15	Multiproxy paleoaltimetry of the Late Oligocene-Pliocene Oiyug Basin, southern Tibet. Numerische Mathematik, 2016, 316, 401-436.	1.4	70
16	Distinguishing induced seismicity from natural seismicity in Ohio: Demonstrating the utility of waveform template matching. Journal of Geophysical Research: Solid Earth, 2015, 120, 6284-6296.	3.4	54
17	Microseismicity Induced by Deep Wastewater Injection in Southern Trumbull County, Ohio. Seismological Research Letters, 2015, 86, 1326-1334.	1.9	24
18	Earthquakes Induced by Hydraulic Fracturing in Poland Township, Ohio. Bulletin of the Seismological Society of America, 2015, 105, 189-197.	2.3	182

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19	Corrigendum to â€˜Optimizing multi-station earthquake template matching through re-examination of the Youngstown, Ohio, sequenceâ€™ [Earth Planet. Sci. Lett. 405 (2014) 274â€“280]. Earth and Planetary Science Letters, 2015, 410, 210.	4.4	1
20	Cenozoic paleoaltimetry of the SE margin of the Tibetan Plateau: Constraints on the tectonic evolution of the region. Earth and Planetary Science Letters, 2015, 432, 415-424.	4.4	126
21	Optimizing multi-station earthquake template matching through re-examination of the Youngstown, Ohio, sequence. Earth and Planetary Science Letters, 2014, 405, 274-280.	4.4	102
22	A Cretaceous-Eocene depositional age for the Fenghuoshan Group, Hoh Xil Basin: Implications for the tectonic evolution of the northern Tibet Plateau. Tectonics, 2014, 33, 281-301.	2.8	65
23	Large-Diameter Burrows of the Triassic Ischigualasto Basin, NW Argentina: Paleoecological and Paleoenvironmental Implications. PLoS ONE, 2012, 7, e50662.	2.5	24
24	A Basal Dinosaur from the Dawn of the Dinosaur Era in Southwestern Pangaea. Science, 2011, 331, 206-210.	12.6	276
25	Evidence for the development of the Andean rain shadow from a Neogene isotopic record in the Atacama Desert, Chile. Earth and Planetary Science Letters, 2010, 292, 371-382.	4.4	73
26	The Geological, Isotopic, Botanical, Invertebrate, and Lower Vertebrate Surroundings of <i>Ardipithecus ramidus</i>. Science, 2009, 326, 65.	12.6	159
27	Paleoaltimetry of the Tibetan Plateau from D/H ratios of lipid biomarkers. Earth and Planetary Science Letters, 2009, 287, 64-76.	4.4	221
28	Stratigraphy and architecture of the Upper Triassic Ischigualasto Formation, Ischigualasto Provincial Park, San Juan, Argentina. Journal of South American Earth Sciences, 2009, 27, 74-87.	1.4	81
29	A Late Triassic soil catena: Landscape and climate controls on paleosol morphology and chemistry across the Carnian-age Ischigualastoâ€“Villa Union basin, northwestern Argentina. , 2006, , .		17
30	Neogene climate change and uplift in the Atacama Desert, Chile. Geology, 2006, 34, 761.	4.4	192
31	Age of Initiation of the Indiaâ€Asia Collision in the Eastâ€Central Himalaya: A Reply. Journal of Geology, 2006, 114, 641-643.	1.4	6
32	Palaeo-altimetry of the late Eocene to Miocene Lunpola basin, central Tibet. Nature, 2006, 439, 677-681.	27.8	684
33	Asa Issie, Aramis and the origin of Australopithecus. Nature, 2006, 440, 883-889.	27.8	244
34	Palaeo-altimetry of Tibet (reply). Nature, 2006, 444, E4-E5.	27.8	6
35	Middle Miocene paleoaltimetry of southern Tibet: Implications for the role of mantle thickening and delamination in the Himalayan orogen. Geology, 2005, 33, 181.	4.4	187
36	Geochemical Evaluation of Fenghuoshan Group Lacustrine Carbonates, Northâ€Central Tibet: Implications for the Paleoaltimetry of the Eocene Tibetan Plateau. Journal of Geology, 2005, 113, 517-533.	1.4	130

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37	Age of Initiation of the Indiaâ€Asia Collision in the Eastâ€Central Himalaya. Journal of Geology, 2005, 113, 265-285.	1.4	297
38	Regional paleoclimatic and stratigraphic implications of paleosols and fluvial/overbank architecture in the Morrison Formation (Upper Jurassic), Western Interior, USA. Sedimentary Geology, 2004, 167, 115-135.	2.1	126
39	Mineralogical and geochemical evolution of a basalt-hosted fossil soil (Late Triassic, Ischigualasto) Tj ETQq1 1 0.784314 rgBT /Overlock Geological Society of America, 2004, 116, 1280.	3.3	53
40	Reply to â€œModern precipitation stable isotope vs. elevation gradients in the High Himalayaâ€•by Hou Shugui et al.. Earth and Planetary Science Letters, 2003, 209, 401-403.	4.4	3
41	A new approach to stable isotope-based paleoaltimetry: implications for paleoaltimetry and paleohypsometry of the High Himalaya since the Late Miocene. Earth and Planetary Science Letters, 2001, 188, 253-268.	4.4	373
42	Sequence stratigraphy of nonmarine Jurassicâ€"Cretaceous rocks, central Cordilleran foreland-basin system. Bulletin of the Geological Society of America, 1997, 109, 1206-1222.	3.3	149