

Alex Pullen

List of Publications by Year in descending order

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42
papers

3,621
citations

270111

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docs citations

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times ranked

2935
citing authors

#	ARTICLE	IF	CITATIONS
1	Detrital zircon provenance and transport pathways of Pleistocene-Holocene eolian sediment in the Pampean Plains, Argentina. <i>Bulletin of the Geological Society of America</i> , 2023, 135, 435-448.	1.6	3
2	Quantifying Late Pleistocene to Holocene Erosion Rates in the Hami Basin, China: Insights Into Pleistocene Dust Dynamics of an East Asian Stony Desert. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
3	A westerly wind dominated Puna Plateau during deposition of upper Pleistocene loessic sediments in the subtropical Andes, South America. <i>Nature Communications</i> , 2022, 13, .	5.8	4
4	Tectono-magmatic events of the Qilian orogenic belt in northern Tibet: new insights from detrital zircon geochronology of river sands. <i>International Geology Review</i> , 2021, 63, 917-940.	1.1	10
5	Fault-controlled upwelling of low-T hydrothermal fluids tracked by travertines in a fold-and-thrust belt, Monte Alpi, southern apennines, Italy. <i>Journal of Structural Geology</i> , 2021, 144, 104276.	1.0	20
6	Regional Exhumation and Tectonic History of the Shanxi Rift and Taihangshan, North China. <i>Tectonics</i> , 2021, 40, e2020TC006416.	1.3	22
7	Spatially variable provenance of the Chinese Loess Plateau. <i>Geology</i> , 2021, 49, 1155-1159.	2.0	38
8	Geologic history and thermal evolution in the hinterland region, western Himalaya, Pakistan. <i>Earth-Science Reviews</i> , 2021, 223, 103817.	4.0	8
9	A wind-albedo-wind feedback driven by landscape evolution. <i>Nature Communications</i> , 2020, 11, 96.	5.8	13
10	Landscape evolution and development of eolian-modified unconsolidated gravel surfaces and yardangs in the Hami Basin, China. <i>Geomorphology</i> , 2020, 368, 107355.	1.1	6
11	A Quantitative Model-Based Assessment of Stony Desert Landscape Evolution in the Hami Basin, China: Implications for Plio-Pleistocene Dust Production in Eastern Asia. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090064.	1.5	4
12	A mid-Cretaceous change from fast to slow exhumation of the western Chinese Altai mountains: A climate driven exhumation signal?. <i>Journal of Asian Earth Sciences</i> , 2020, 197, 104387.	1.0	10
13	Quaternary Volcanism in Myanmar: A Record of Indian Slab Tearing in a Transition Zone From Oceanic to Continental Subduction. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009091.	1.0	12
14	Formation and evolution of the Eastern Kunlun Range, northern Tibet: Evidence from detrital zircon U-Pb geochronology and Hf isotopes. <i>Gondwana Research</i> , 2020, 83, 63-79.	3.0	26
15	Triassic Sedimentary Filling and Closure of the Eastern Paleo-Tethys Ocean: New Insights From Detrital Zircon Geochronology of Songpan-Ganzi, Yidun, and West Qinling Flysch in Eastern Tibet. <i>Tectonics</i> , 2019, 38, 767-787.	1.3	59
16	Pre-Quaternary decoupling between Asian aridification and high dust accumulation rates. <i>Science Advances</i> , 2018, 4, eaao6977.	4.7	85
17	Development of stratigraphically controlled, eolian-modified unconsolidated gravel surfaces and yardang fields in the wind-eroded Hami Basin, northwestern China. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 630-648.	1.6	16
18	Late Cretaceous-Cenozoic basin evolution and topographic growth of the Hoh Xil Basin, central Tibetan Plateau. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 499-521.	1.6	37

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19	Optimization of a Laser Ablation–Single Collector–Inductively Coupled Plasma–Mass Spectrometer (Thermo Element 2) for Accurate, Precise, and Efficient Zircon U–Th–Pb Geochronology. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3689-3705.	1.0	57
20	Rapid regional surface uplift of the northern Altiplano plateau revealed by multiproxy paleoclimate reconstruction. <i>Earth and Planetary Science Letters</i> , 2016, 447, 33-47.	1.8	58
21	Petrogenesis of Middle–Late Triassic volcanic rocks from the Gangdese belt, southern Lhasa terrane: Implications for early subduction of Neo-Tethyan oceanic lithosphere. <i>Lithos</i> , 2016, 262, 320-333.	0.6	177
22	Early–middle Miocene topographic growth of the northern Tibetan Plateau: Stable isotope and sedimentation evidence from the southwestern Qaidam basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 201-213.	1.0	46
23	A new method for estimating parent rock trace element concentrations from zircon. <i>Chemical Geology</i> , 2016, 439, 59-70.	1.4	53
24	Eolian cannibalism: Reworked loess and fluvial sediment as the main sources of the Chinese Loess Plateau. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 944-956.	1.6	123
25	From dust to dust: Quaternary wind erosion of the Mu Us Desert and Loess Plateau, China. <i>Geology</i> , 2015, 43, 835-838.	2.0	39
26	Unraveling crustal growth and reworking processes in complex zircons from orogenic lower-crust: The Proterozoic Putumayo Orogen of Amazonia. <i>Precambrian Research</i> , 2015, 267, 285-310.	1.2	66
27	Late Permian–early Middle Triassic back-arc basin development in West Qinling, China. <i>Journal of Asian Earth Sciences</i> , 2014, 87, 116-129.	1.0	45
28	Mesozoic tectonic history and lithospheric structure of the Qiangtang terrane: Insights from the Qiangtang metamorphic belt, central Tibet. , 2014, , .		28
29	What happens when n= 1000? Creating large-n geochronological datasets with LA-ICP-MS for geologic investigations. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 971-980.	1.6	168
30	Age and geochemistry of western Hoh-Xil–Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean. <i>Lithos</i> , 2014, 190-191, 328-348.	0.6	103
31	Provenance analysis of the Mesozoic Hoh–Xil–Songpan–Ganzi turbidites in northern Tibet: Implications for the tectonic evolution of the eastern Paleo–Tethys Ocean. <i>Tectonics</i> , 2013, 32, 34-48.	1.3	221
32	Climatic and tectonic controls on sedimentation and erosion during the Pliocene-Quaternary in the Qaidam Basin (China). <i>Bulletin of the Geological Society of America</i> , 2013, 125, 833-856.	1.6	72
33	Detrital zircon geochronology of pre-Tertiary strata in the Tibetan–Himalayan orogen. <i>Tectonics</i> , 2011, 30, .	1.3	626
34	Cenozoic anatexis and exhumation of Tethyan Sequence rocks in the Xiao Gurla Range, Southwest Tibet. <i>Tectonophysics</i> , 2011, 501, 28-40.	0.9	35
35	Qaidam Basin and northern Tibetan Plateau as dust sources for the Chinese Loess Plateau and paleoclimatic implications. <i>Geology</i> , 2011, 39, 1031-1034.	2.0	222
36	Gangdese retroarc thrust belt and foreland basin deposits in the Damxung area, southern Tibet. <i>Journal of Asian Earth Sciences</i> , 2008, 33, 323-336.	1.0	64

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37	Triassic continental subduction in central Tibet and Mediterranean-style closure of the Paleo-Tethys Ocean. <i>Geology</i> , 2008, 36, 351.	2.0	449
38	Detrital Zircon Geochronology by Laser-Ablation Multicollector ICPMS at the Arizona LaserChron Center. <i>The Paleontological Society Papers</i> , 2006, 12, 67-76.	0.8	188
39	Tibetan basement rocks near Amdo reveal "Mesozoic tectonism along the Bangong suture, central Tibet. <i>Geology</i> , 2006, 34, 505.	2.0	372
40	Use and abuse of detrital zircon U-Pb geochronology" A case from the Orinoco delta, eastern Venezuela. <i>Geology</i> , 0, , .	2.0	25
41	Ancestral trans-North American Bell River system recorded in late Oligocene to early Miocene sediments in the Labrador Sea and Canadian Great Plains. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	6
42	Forced subduction initiation within the Neotethys: An example from the mid-Cretaceous Wuntho-Popu arc in Myanmar. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	2