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List of Publications by Year
in descending order

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Version: 2024-02-01

36	1,112	430754	395590
papers	citations	18 h-index	33 g-index

53	53	53	1330
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Postglacial outsize fan formation in the Upper Rhone valley, Switzerland â€“ gradual or catastrophic?. Earth Surface Processes and Landforms, 2022, 47, 1032-1053.	1.2	4
2	Rapid ice sheet response to deglacial and Holocene paleoenvironmental changes in eastern Prydz Bay, East Antarctica. Quaternary Science Reviews, 2022, 280, 107401.	1.4	2
3	Cosmogenic nuclide techniques. Nature Reviews Methods Primers, 2022, 2, .	11.8	25
4	Technical note: Accelerator mass spectrometry of ¹⁰Be and ²⁶Al at low nuclide concentrations. Geochronology, 2022, 4, 339-352.	1.0	9
5	Determining the origin and changing shape of landscapeâ€scale rock formations with threeâ€dimensional modelling: The Borologa rock shelters, Kimberley region, Australia. Geoarchaeology - an International Journal, 2021, 36, 662-680.	0.7	3
6	Tectonic Controls on Himalayan Denudation?. AGU Advances, 2021, 2, e2021AV000539.	2.3	4
7	Pre-development denudation rates for the Great Barrier Reef catchments derived using 10Be. Marine Pollution Bulletin, 2021, 172, 112731.	2.3	6
8	²⁶Al/¹⁰Be ratios reveal the source of river sediments in the Kimberley, NW Australia. Earth Surface Processes and Landforms, 2020, 45, 424-439.	1.2	6
9	Million-year lag times in a post-orogenic sediment conveyor. Science Advances, 2020, 6, eaaz8845.	4.7	21
10	Geochemical methods to infer landscape response to Quaternary climate change and land use in depositional archives: A review. Earth-Science Reviews, 2020, 207, 103218.	4.0	11
11	The ANSTO â€“ University of Wollongong in-situ 14C extraction laboratory. Nuclear Instruments & Methods in Physics Research B, 2019, 438, 207-213.	0.6	12
12	Repeated megafloods from glacial Lake Vitim, Siberia, to the Arctic Ocean over the past 60,000 years. Quaternary Science Reviews, 2018, 187, 41-61.	1.4	30
13	Evolution of sandstone peakâ€forest landscapes â€“ insights from quantifying erosional processes with cosmogenic nuclides. Earth Surface Processes and Landforms, 2018, 43, 639-653.	1.2	6
14	Soil production and transport on postorogenic desert hillslopes quantified with 10Be and 26Al. Bulletin of the Geological Society of America, 2018, 130, 1017-1040.	1.6	25
15	Tracking the ¹⁰Beâ€“²⁶Al source-area signal in sediment-routing systems of arid central Australia. Earth Surface Dynamics, 2018, 6, 329-349.	1.0	14
16	OCTOPUS: an open cosmogenic isotope and luminescence database. Earth System Science Data, 2018, 10, 2123-2139.	3.7	55
17	Current strain accumulation in the hinterland of the northwest Himalaya constrained by landscape analyses, basin-wide denudation rates, and low temperature thermochronology. Tectonophysics, 2017, 721, 70-89.	0.9	16
18	Recycling of Pleistocene valley fills dominates 135Âka of sediment flux, upper Indus River. Quaternary Science Reviews, 2016, 149, 122-134.	1.4	12

#	Article	IF	Citations
19	Rapid Last Glacial Maximum deglaciation in the Indian Himalaya coeval with midlatitude glaciers: New insights from ¹⁰Beâ€dating of iceâ€polished bedrock surfaces in the Chandra Valley, NW Himalaya. Geophysical Research Letters, 2016, 43, 1589-1597.	1.5	42
20	Extensive glaciation in Transbaikalia, Siberia, at the Last Glacial Maximum. Quaternary Science Reviews, 2016, 132, 161-174.	1.4	13
21	Quantifying soil loss with in-situ cosmogenic 10Be and 14C depth-profiles. Quaternary Geochronology, 2015, 27, 78-93.	0.6	15
22	COSMOGENIC 21Ne AND 10Be REVEAL A MORE THAN 2 Ma ALLUVIAL FAN FLANKING THE CAPE MOUNTAINS, SOUTH AFRICA. South African Journal of Geology, 2015, 118, 129-144.	0.6	19
23	Ice dams, outburst floods, and glacial incision at the western margin of the Tibetan Plateau: A >100 k.y. chronology from the Shyok Valley, Karakoram. Bulletin of the Geological Society of America, 2014, 126, 738-758.	1.6	33
24	Inner gorges cut by subglacial meltwater during Fennoscandian ice sheet decay. Nature Communications, 2014, 5, 3815.	5.8	34
25	Japan's sediment flux to the Pacific Ocean revisited. Earth-Science Reviews, 2014, 135, 1-16.	4.0	18
26	Constraints on the late Quaternary glacial history of the Inylchek and Sary-Dzaz valleys from in situ cosmogenic 10Be and 26Al, eastern Kyrgyz Tian Shan. Quaternary Science Reviews, 2014, 101, 77-90.	1.4	33
27	Discordance between cosmogenic nuclide concentrations in amalgamated sands and individual fluvial pebbles in an arid zone catchment. Quaternary Geochronology, 2014, 19, 173-180.	0.6	40
28	Earth is (mostly) flat: Apportionment of the flux of continental sediment over millennial time scales. Geology, 2013, 41, 343-346.	2.0	145
29	Strong rocks sustain ancient postorogenic topography in southern Africa. Geology, 2013, 41, 331-334.	2.0	101
30	Does decreasing paraglacial sediment supply slow knickpoint retreat?. Geology, 2011, 39, 543-546.	2.0	83
31	Cosmogenic ²¹Ne analysis of individual detrital grains: Opportunities and limitations. Earth Surface Processes and Landforms, 2010, 35, 16-27.	1.2	19
32	Investigating the glacial history of the northern sector of the Cordilleran Ice Sheet with cosmogenic 10Be concentrations in quartz. Quaternary Science Reviews, 2010, 29, 3630-3643.	1.4	30
33	Single-grain cosmogenic 21Ne concentrations in fluvial sediments reveal spatially variable erosion rates. Geology, 2008, 36, 159.	2.0	72
34	Calculation of the cosmogenic nuclide production topographic shielding scaling factor for large areas using DEMs. Earth Surface Processes and Landforms, 2006, 31, 785-794.	1.2	95
35	Surface process models and the links between tectonics and topography. Progress in Physical Geography, 2006, 30, 307-333.	1.4	50
36	Short Communication: Earth is (mostly) flat, but mountains dominate global denudation: apportionment of the continental mass flux over millennial time scales, revisited. , 0, , .		7