Alan J Hidy

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Climate reconstructions for the Last Glacial Maximum from a simple cirque glacier in Fiordland, New Zealand. Quaternary Science Reviews, 2022, 275, 107281.	3.0	5
2	Rapid retreat of the southwestern Laurentide Ice Sheet during the BÃ¸lling-AllerÃ¸d interval. Geology, 2022, 50, 417-421.	4.4	12
3	Hurricanes alter ¹⁰ Be concentrations in tropical river sediment but do not change regional erosion rate estimates. Earth Surface Processes and Landforms, 2022, 47, 1196-1211.	2.5	5
4	Development towards stable chlorine isotope measurements of astromaterials using the modified Middleton source of an accelerator mass spectrometer. International Journal of Mass Spectrometry, 2022, 477, 116849.	1.5	1
5	Cosmogenic 10Be constraints on deglacial snowline rise in the Southern Alps, New Zealand. Quaternary Science Reviews, 2022, 286, 107548.	3.0	5
6	Measuring multiple cosmogenic nuclides in glacial cobbles sheds light on Greenland Ice Sheet processes. Earth and Planetary Science Letters, 2021, 554, 116673.	4.4	4
7	Landscape responses to intraplate deformation in the Kalahari constrained by sediment provenance and chronology in the Okavango Basin. Basin Research, 2021, 33, 1170-1193.	2.7	7
8	A multimillion-year-old record of Greenland vegetation and glacial history preserved in sediment beneath 1.4 km of ice at Camp Century. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	26
9	Local summer insolation and greenhouse gas forcing drove warming and glacier retreat in New Zealand during the Holocene. Quaternary Science Reviews, 2021, 266, 107068.	3.0	7
10	Chronostratigraphy of talus flatirons and piedmont alluvium along the Book Cliffs, Utah â€“ Testing models of dryland escarpment evolution. Quaternary Science Reviews, 2021, 274, 107286.	3.0	6
11	The Northwestern Greenland Ice Sheet During The Early Pleistocene Was Similar To Today. Geophysical Research Letters, 2020, 47, e2019GL085176.	4.0	10
12	Early-to-mid Miocene erosion rates inferred from pre-Dead Sea rift Hazeva River fluvial chert pebbles using cosmogenic ²¹Ne. Earth Surface Dynamics, 2020, 8, 289-301.	2.4	4
13	Late Quaternary Tectonics, Incision, and Landscape Evolution of the CalchaquÃ River Catchment, Eastern Cordillera, NW Argentina. Journal of Geophysical Research F: Earth Surface, 2019, 124, 2265-2287.	2.8	6
14	Beryllium-10 dating of the Foothills Erratics Train in Alberta, Canada, indicates detachment of the Laurentide Ice Sheet from the Rocky Mountains at ~15 ka. Quaternary Research, 2019, 92, 469-482.	1.7	18
15	Human and natural controls on erosion in the Lower Jinsha River, China. Journal of Asian Earth Sciences, 2019, 170, 351-359.	2.3	9
16	Chlorine-36â^•beryllium-10 burial dating of alluvial fan sediments associated with the Mission Creek strand of the San Andreas Fault system, California, USA. Geochronology, 2019, 1, 1-16.	2.5	5
17	Age-erosion constraints on an Early Pleistocene paleosol in Yukon, Canada, with profiles of 10Be and 26Al: Evidence for a significant loess cover effect on cosmogenic nuclide production rates. Catena, 2018, 165, 260-271.	5.0	18
18	A new 7Be AMS capability established at CAMS and the potential for large datasets. Nuclear Instruments & Methods in Physics Research B, 2018, 414, 126-132.	1.4	5

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19	Stratigraphic control of landscape response to base-level fall, Young Womans Creek, Pennsylvania, USA. Earth and Planetary Science Letters, 2018, 504, 163-173.	4.4	22
20	Middle and Late Pleistocene glaciations in the southwestern Pamir and their effects on topography. Earth and Planetary Science Letters, 2017, 466, 181-194.	4.4	16
21	Controls on aggradation and incision in the NE Negev, Israel, since the middle Pleistocene. Geomorphology, 2016, 261, 132-146.	2.6	11
22	New chronology for the southern Kalahari Group sediments with implications for sediment-cycle dynamics and early hominin occupation. Quaternary Research, 2015, 84, 118-132.	1.7	37
23	Styles and rates of long-term denudation in carbonate terrains under a Mediterranean to hyper-arid climatic gradient. Earth and Planetary Science Letters, 2014, 406, 142-152.	4.4	54
24	Glacialâ€"interglacial variation in denudation rates from interior Texas, USA, established with cosmogenic nuclides. Earth and Planetary Science Letters, 2014, 390, 209-221.	4.4	47
25	A latest Pliocene age for the earliest and most extensive Cordilleran Ice Sheet in northwestern Canada. Quaternary Science Reviews, 2013, 61, 77-84.	3.0	55
26	Colorado River chronostratigraphy at Lee's Ferry, Arizona, and the Colorado Plateau bull's-eye of incision. Geology, 2013, 41, 427-430.	4.4	42
27	Mid-Pliocene warm-period deposits in the High Arctic yield insight into camel evolution. Nature Communications, 2013, 4, 1550.	12.8	192
28	Cosmogenic nuclide age constraints on Middle Stone Age lithics from Niassa, Mozambique. Quaternary Science Reviews, 2012, 47, 116-130.	3.0	30
29	A geologically constrained Monte Carlo approach to modeling exposure ages from profiles of cosmogenic nuclides: An example from Lees Ferry, Arizona. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	166
30	Determination of both exposure time and denudation rate from an in situ-produced 10Be depth profile: A mathematical proof of uniqueness. Model sensitivity and applications to natural cases. Quaternary Geochronology, 2009, 4, 56-67.	1.4	108
31	The shape, topography, and geology of Tempel 1 from Deep Impact observations. Icarus, 2007, 187, 4-15.	2.5	131
32	The shape, topography, and geology of Tempel 1 from Deep Impact observations. Icarus, 2007, 191, 51-62.	2.5	12