

Alison M Anders

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,149
citations

567281

15
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

1479
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling of rock uplift and river incision in the Namche Barwa-Gyala Peri massif, Tibet. <i>Bulletin of the Geological Society of America</i> , 2008, 120, 142-155.	3.3	184
2	Evidence for Holocene megafloods down the tsangpo River gorge, Southeastern Tibet. <i>Quaternary Research</i> , 2004, 62, 201-207.	1.7	145
3	Spatial patterns of precipitation and topography in the Himalaya. , 2006, , .		121
4	Very high resolution precipitation climatologies from the Tropical Rainfall Measuring Mission precipitation radar. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	97
5	The climatology of small-scale orographic precipitation over the Olympic Mountains: Patterns and processes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2008, 134, 817-839.	2.7	88
6	Influence of precipitation phase on the form of mountain ranges. <i>Geology</i> , 2008, 36, 479.	4.4	70
7	Cirques, peaks, and precipitation patterns in the Swiss Alps: Connections among climate, glacial erosion, and topography. <i>Geology</i> , 2010, 38, 239-242.	4.4	63
8	Neoproterozoic sand wedges: crack formation in frozen soils under diurnal forcing during a snowball Earth. <i>Earth and Planetary Science Letters</i> , 2002, 204, 1-15.	4.4	56
9	Small-Scale Spatial Gradients in Climatological Precipitation on the Olympic Peninsula. <i>Journal of Hydrometeorology</i> , 2007, 8, 1068-1081.	1.9	53
10	Numerical modeling of spatially-variable precipitation and passive margin escarpment evolution. <i>Geomorphology</i> , 2014, 207, 203-212.	2.6	48
11	Using magnetic fly ash to identify post-settlement alluvium and its record of atmospheric pollution, central USA. <i>Anthropocene</i> , 2017, 17, 84-98.	3.3	42
12	Germanium/silicon ratios in the Copper River Basin, Alaska: Weathering and partitioning in periglacial versus glacial environments. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	35
13	Suspended sediment supply dominated by bank erosion in a low-gradient agricultural watershed, Wildcat Slough, Fisher, Illinois, United States. <i>Journal of Soils and Water Conservation</i> , 2015, 70, 145-155.	1.6	31
14	Altitudinal Precipitation Gradients in the Tropics from Tropical Rainfall Measuring Mission (TRMM) Precipitation Radar. <i>Journal of Hydrometeorology</i> , 2015, 16, 441-448.	1.9	20
15	Modeled Postglacial Landscape Evolution at the Southern Margin of the Laurentide Ice Sheet: Hydrological Connection of Uplands Controls the Pace and Style of Fluvial Network Expansion. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 967-984.	2.8	20
16	Impacts of Quaternary History on Critical Zone Structure and Processes: Examples and a Conceptual Model From the Intensively Managed Landscapes Critical Zone Observatory. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	18
17	Mesoscale precipitation characteristics near the Western Ghats during the Indian Summer Monsoon as simulated by a high-resolution regional model. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 3070-3084.	2.7	15
18	Climatic controls on mountain glacier basal thermal regimes dictate spatial patterns of glacial erosion. <i>Earth Surface Dynamics</i> , 2021, 9, 845-859.	2.4	10

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19	Tectonic controls on rates and spatial patterns of glacial erosion through geothermal heat flux. Earth and Planetary Science Letters, 2020, 543, 116348.	4.4	9
20	Influence of bedding dip on glacial erosional landforms, uinta mountains, usa. Geografiska Annaler, Series A: Physical Geography, 2014, 96, 147-159.	1.5	6
21	Poyang and Dongting Lakes, Yangtze River: tributary lakes blocked by main-stem aggradation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	5
22	New Gripping and Binding Device Greatly Improves Preparation of Natural Clasts for RFID Tracking. Journal of Hydraulic Engineering, 2014, 140, .	1.5	4
23	Development of Foreland Intracratonic Plateaus (Ozark Plateau and Appalachian Plateaus): A Consequence of Topographic Inversion Due To Erosion of Adjacent Foldâ€Thrust Belts. Tectonics, 2022, 41, .	2.8	3
24	Numerical modeling of groundwaterâ€driven stream network evolution in lowâ€relief postâ€glacial landscapes. Earth Surface Processes and Landforms, 0, , .	2.5	2
25	How rain affects rock and rivers. Nature, 2016, 532, 186-187.	27.8	1
26	Rain on the parade. Nature, 2014, 511, 413-414.	27.8	0