

Aaron Bufe

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

384
citations

933264

10
h-index

1125617

13
g-index

31
all docs

31
docs citations

31
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-variation of silicate, carbonate and sulfide weathering drives CO ₂ release with erosion. <i>Nature Geoscience</i> , 2021, 14, 211-216.	5.4	70
2	Fluvial bevelling of topography controlled by lateral channel mobility and uplift rate. <i>Nature Geoscience</i> , 2016, 9, 706-710.	5.4	62
3	Tectonic geomorphology of a large normal fault: AkÅŸehir fault, SW Turkey. <i>Geomorphology</i> , 2016, 259, 55-69.	1.1	47
4	Quaternary tectonic evolution of the Pamirâ€”Tian Shan convergence zone, Northwest China. <i>Tectonics</i> , 2017, 36, 2748-2776.	1.3	43
5	Alluvial channel response to environmental perturbations: fill-terrace formation and sediment-signal disruption. <i>Earth Surface Dynamics</i> , 2019, 7, 609-631.	1.0	32
6	Controls on the lateral channelâ€”migration rate of braided channel systems in coarse nonâ€”cohesive sediment. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2823-2836.	1.2	31
7	Temporal changes in rock uplift rates of folds in the foreland of the Tian Shan and the Pamir from geodetic and geologic data. <i>Geophysical Research Letters</i> , 2017, 44, 10,977.	1.5	25
8	Variations of Lateral Bedrock Erosion Rates Control Planation of Uplifting Folds in the Foreland of the Tian Shan, NW China. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 2431-2467.	1.0	22
9	Interactions between main channels and tributary alluvial fans: channel adjustments and sediment-signal propagation. <i>Earth Surface Dynamics</i> , 2020, 8, 303-322.	1.0	16
10	The effect of lithology on the relationship between denudation rate and chemical weathering pathways â€” evidence from the eastern Tibetan Plateau. <i>Earth Surface Dynamics</i> , 2022, 10, 513-530.	1.0	14
11	Contact Metamorphism of Precambrian Gneiss by the Skaergaard Intrusion. <i>Journal of Petrology</i> , 2014, 55, 1595-1617.	1.1	8
12	Morphodynamic Analysis and Statistical Synthesis of Geomorphic Data: Application to a Flume Experiment. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2561-2578.	1.0	7
13	Controls on Physical and Chemical Denudation in a Mixed Carbonateâ€”Siliciclastic Orogen. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006064.	1.0	6