

# Aaron Bufe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6487682/publications.pdf>

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	The effect of lithology on the relationship between denudation rate and chemical weathering pathways – evidence from the eastern Tibetan Plateau. <i>Earth Surface Dynamics</i> , 2022, 10, 513-530.	1.0	14
2	Co-variation of silicate, carbonate and sulfide weathering drives CO <sub>2</sub> release with erosion. <i>Nature Geoscience</i> , 2021, 14, 211-216.	5.4	70
3	Controls on Physical and Chemical Denudation in a Mixed Carbonate–Siliciclastic Orogen. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006064.	1.0	6
4	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
5	Controls on the lateral channel–migration rate of braided channel systems in coarse non–cohesive sediment. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2823-2836.	1.2	31
6	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
7	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
8	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
9	Quaternary tectonic evolution of the Pamir–Tian Shan convergence zone, Northwest China. <i>Tectonics</i> , 2017, 36, 2748-2776.	1.3	43
10	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
11	Fluvial bevelling of topography controlled by lateral channel mobility and uplift rate. <i>Nature Geoscience</i> , 2016, 9, 706-710.	5.4	62
12	Tectonic geomorphology of a large normal fault: AkÅŸehir fault, SW Turkey. <i>Geomorphology</i> , 2016, 259, 55-69.	1.1	47
13	Contact Metamorphism of Precambrian Gneiss by the Skaergaard Intrusion. <i>Journal of Petrology</i> , 2014, 55, 1595-1617.	1.1	8