

# Nicholas A A Sutfin

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

870  
citations

758635

12  
h-index

839053

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Logjams and Channel Morphology Influence Sediment Storage, Transformation of Organic Matter, and Carbon Storage Within Mountain Stream Corridors. <i>Water Resources Research</i> , 2021, 57, e2020WR028046.	1.7	10
2	How geomorphic context governs the influence of wildfire on floodplain organic carbon in fire-prone environments of the western United States. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 38-55.	1.2	5
3	River channel connectivity shifts metabolite composition and dissolved organic matter chemistry. <i>Nature Communications</i> , 2019, 10, 459.	5.8	62
4	Elevational differences in hydrogeomorphic disturbance regime influence sediment residence times within mountain river corridors. <i>Nature Communications</i> , 2019, 10, 2221.	5.8	33
5	From Grain to Floodplain: Evaluating heterogeneity of floodplain hydrostratigraphy using sedimentology, geophysics, and remote sensing. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 1799-1815.	1.2	11
6	Applying a hydrogeomorphic channel classification to understand spatial patterns in riparian vegetation. <i>Journal of Vegetation Science</i> , 2018, 29, 550-559.	1.1	6
7	Historical land use as a driver of alternative states for stream form and function in forested mountain watersheds of the Southern Rocky Mountains. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 669-684.	1.2	37
8	Mapping longitudinal stream connectivity in the North St. Vrain Creek watershed of Colorado. <i>Geomorphology</i> , 2017, 277, 171-181.	1.1	43
9	Floodplain downed wood volumes: a comparison across three biomes. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1248-1261.	1.2	57
10	The fate of sediment, wood, and organic carbon eroded during an extreme flood, Colorado Front Range, USA. <i>Geology</i> , 2017, 45, 499-502.	2.0	36
11	Carbon dynamics of river corridors and the effects of human alterations. <i>Ecological Monographs</i> , 2017, 87, 379-409.	2.4	86
12	Geomorphology and Sediment Regimes of Intermittent Rivers and Ephemeral Streams. , 2017, , 21-49.		38
13	Substantial soil organic carbon retention along floodplains of mountain streams. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 1325-1338.	1.0	24
14	Banking carbon: a review of organic carbon storage and physical factors influencing retention in floodplains and riparian ecosystems. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 38-60.	1.2	191
15	Rain and channel flow supplements to subsurface water beneath hyper-arid ephemeral stream channels. <i>Journal of Hydrology</i> , 2016, 536, 524-533.	2.3	10
16	PREDICTING CUTOFF LOCATIONS ALONG MEANDER BENDS ON THE EAST RIVER IN CRESTED BUTTE, COLORADO. , 2016, , .		0
17	QUANTIFYING THE EXPORT OF FLOODPLAIN SOIL CARBON TO ARCTIC RIVERS BY BANK EROSION. , 2016, , .		0
18	LINKING ANNUAL FLUX OF FLOODPLAIN SEDIMENT AND ORGANIC CARBON WITH DISCHARGE ALONG A MEANDERING MOUNTAIN RIVER. , 2016, , .		0

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19	ALTERNATIVE STATES OF STREAM FORM, FUNCTION, AND CARBON STORAGE INDUCED BY HISTORIC LAND USE IN FORESTED WATERSHEDS OF THE SOUTHERN ROCKY MOUNTAINS. , 2016, , .		0
20	Luminescence dating without sand lenses: An application of OSL to coarse-grained alluvial fan deposits of the Lost River Range, Idaho, USA. Quaternary Geochronology, 2014, 23, 9-25.	0.6	24
21	A geomorphic classification of ephemeral channels in a mountainous, arid region, southwestern Arizona, USA. Geomorphology, 2014, 221, 164-175.	1.1	51
22	A Socialâ€Ecological Framework to Integrate Multiple Objectives for Environmental Flows Management. Journal of Contemporary Water Research and Education, 2014, 153, 49-58.	0.7	3
23	Mechanisms of carbon storage in mountainous headwater rivers. Nature Communications, 2012, 3, 1263.	5.8	142