

Katie H Costigan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,000
citations

516215

16
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

1026
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconceptualizing the hyporheic zone for nonperennial rivers and streams. <i>Freshwater Science</i> , 2022, 41, 167-182.	0.9	15
2	Assessing placement bias of the global river gauge network. <i>Nature Sustainability</i> , 2022, 5, 586-592.	11.5	51
3	Spatial Patterns and Drivers of Nonperennial Flow Regimes in the Contiguous United States. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090794.	1.5	54
4	An overview of the hydrology of nonperennial rivers and streams. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1504.	2.8	58
5	Pervasive changes in stream intermittency across the United States. <i>Environmental Research Letters</i> , 2021, 16, 084033.	2.2	47
6	What's in a Name? Patterns, Trends, and Suggestions for Defining Non-Perennial Rivers and Streams. <i>Water (Switzerland)</i> , 2020, 12, 1980.	1.2	49
7	River ecosystem conceptual models and nonperennial rivers: A critical review. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1473.	2.8	37
8	Zero or not? Causes and consequences of zero-flow stream gage readings. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1436.	2.8	63
9	Science Gets Up to Speed on Dry Rivers. <i>Eos</i> , 2020, 101, .	0.1	10
10	What's in a Name? Patterns, Trends, and Suggestions for Defining Non-Perennial Rivers and Streams. <i>Water (Switzerland)</i> , 2020, 12, 1980.	1.2	4
11	Citizen scientists document long-term streamflow declines in intermittent rivers of the desert southwest, USA. <i>Freshwater Science</i> , 2019, 38, 244-256.	0.9	49
12	Hierarchy theory reveals multiscale predictors of Arkansas darter (<i>Etheostoma cragini</i>) abundance in a Great Plains riverscape. <i>Freshwater Biology</i> , 2019, 64, 659-670.	1.2	8
13	Flow Regimes in Intermittent Rivers and Ephemeral Streams. , 2017, , 51-78.		48
14	Channel morphology and flow structure of an abandoned channel under varying stages. <i>Water Resources Research</i> , 2016, 52, 5458-5472.	1.7	29
15	Understanding controls on flow permanence in intermittent rivers to aid ecological research: integrating meteorology, geology and land cover. <i>Ecohydrology</i> , 2016, 9, 1141-1153.	1.1	102
16	Large wood in central Appalachian headwater streams: controls on and potential changes to wood loads from infestation of hemlock woolly adelgid. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1746-1763.	1.2	22
17	Fragmentation and drying ratchet down Great Plains stream fish diversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 639-655.	0.9	99
18	Fundamental spatial and temporal disconnections in the hydrology of an intermittent prairie headwater network. <i>Journal of Hydrology</i> , 2015, 522, 305-316.	2.3	45

#	ARTICLE	IF	CITATIONS
19	How Big of an Effect Do Small Dams Have? Using Geomorphological Footprints to Quantify Spatial Impact of Low-Head Dams and Identify Patterns of Across-Dam Variation. PLoS ONE, 2015, 10, e0141210.	1.1	98
20	Longitudinal variability in hydraulic geometry and substrate characteristics of a Great Plains sand-bed river. Geomorphology, 2014, 210, 48-58.	1.1	50
21	Abiotic controls and temporal variability of river metabolism: multiyear analyses of Mississippi and Chattahoochee River data. Freshwater Science, 2013, 32, 1073-1087.	0.9	62