

Margaret A Zimmer

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

826
citations

516710

16
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552781

26
g-index

26
all docs

26
docs citations

26
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine scale variations of surface water chemistry in an ephemeral to perennial drainage network. <i>Hydrological Processes</i> , 2013, 27, 3438-3451.	2.6	82
2	Ephemeral and intermittent runoff generation processes in a low relief, highly weathered catchment. <i>Water Resources Research</i> , 2017, 53, 7055-7077.	4.2	74
3	Zero or not? Causes and consequences of zero-flow stream gage readings. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1436.	6.5	63
4	An overview of the hydrology of non-perennial rivers and streams. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1504.	6.5	58
5	Spatial Patterns and Drivers of Nonperennial Flow Regimes in the Contiguous United States. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090794.	4.0	54
6	Lateral, Vertical, and Longitudinal Source Area Connectivity Drive Runoff and Carbon Export Across Watershed Scales. <i>Water Resources Research</i> , 2018, 54, 1576-1598.	4.2	53
7	Assessing placement bias of the global river gauge network. <i>Nature Sustainability</i> , 2022, 5, 586-592.	23.7	51
8	What's in a Name? Patterns, Trends, and Suggestions for Defining Non-Perennial Rivers and Streams. <i>Water (Switzerland)</i> , 2020, 12, 1980.	2.7	49
9	Pervasive changes in stream intermittency across the United States. <i>Environmental Research Letters</i> , 2021, 16, 084033.	5.2	47
10	Temporal Variability in Nitrate Discharge Relationships in Large Rivers as Revealed by High-Frequency Data. <i>Water Resources Research</i> , 2019, 55, 973-989.	4.2	39
11	River ecosystem conceptual models and non-perennial rivers: A critical review. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1473.	6.5	37
12	Bidirectional stream-groundwater flow in response to ephemeral and intermittent streamflow and groundwater seasonality. <i>Hydrological Processes</i> , 2017, 31, 3871-3880.	2.6	36
13	Runoff processes from mountains to foothills: The role of soil stratigraphy and structure in influencing runoff characteristics across high to low relief landscapes. <i>Hydrological Processes</i> , 2018, 32, 1546-1560.	2.6	27
14	Hydrologic regimes drive nitrate export behavior in human-impacted watersheds. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1333-1345.	4.9	22
15	Geologic Controls on Source Water Drive Baseflow Generation and Carbon Geochemistry: Evidence of Nonstationary Baseflow Sources Across Multiple Subwatersheds. <i>Water Resources Research</i> , 2020, 56, e2019WR026577.	4.2	18
16	The Drying Regimes of Non-Perennial Rivers and Streams. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093298.	4.0	18
17	Temporally Variable Stream Width and Surface Area Distributions in a Headwater Catchment. <i>Water Resources Research</i> , 2019, 55, 7166-7181.	4.2	17
18	Reconceptualizing the hyporheic zone for nonperennial rivers and streams. <i>Freshwater Science</i> , 2022, 41, 167-182.	1.8	15

#	ARTICLE	IF	CITATIONS
19	Managing nonperennial headwater streams in temperate forests of the United States. <i>Forest Ecology and Management</i> , 2021, 497, 119523.	3.2	13
20	Anthropogenic and Biophysical Controls on Low Flow Hydrology in the Southeastern United States. <i>Water Resources Research</i> , 2020, 56, e2020WR027098.	4.2	11
21	Science Gets Up to Speed on Dry Rivers. <i>Eos</i> , 2020, 101, .	0.1	10
22	Controls on watershed flashiness across the continental US. <i>Journal of Hydrology</i> , 2022, 609, 127713.	5.4	8
23	Tidal frequencies and quasiperiodic subsurface water level variations dominate redox dynamics in a salt marsh system. <i>Hydrological Processes</i> , 2022, 36, .	2.6	8
24	A Classification Framework to Assess Ecological, Biogeochemical, and Hydrologic Synchrony and Asynchrony. <i>Ecosystems</i> , 2022, 25, 989-1005.	3.4	7
25	Time-lapse animation of hillslope groundwater dynamics details event-based and seasonal bidirectional stream-groundwater gradients. <i>Hydrological Processes</i> , 2017, 31, 1983-1985.	2.6	5
26	What's in a Name? Patterns, Trends, and Suggestions for Defining Non-Perennial Rivers and Streams. <i>Water (Switzerland)</i> , 2020, 12, 1980.	2.7	4