

Noah M Schmadel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3375381/publications.pdf>

Version: 2024-02-01

27
papers

791
citations

471509

17
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	The River Corridor's Evolving Connectivity of Lotic and Lentic Waters. <i>Frontiers in Water</i> , 2021, 2, .	2.3	6
2	Seasonally dynamic nutrient modeling quantifies storage lags and time-varying reactivity across large river basins. <i>Environmental Research Letters</i> , 2021, 16, 095004.	5.2	9
3	Accounting for Temporal Variability of Streamflow in Estimates of Travel Time. <i>Frontiers in Water</i> , 2020, 2, .	2.3	1
4	Low threshold for nitrogen concentration saturation in headwaters increases regional and coastal delivery. <i>Environmental Research Letters</i> , 2020, 15, 044018.	5.2	9
5	Climate Change Causes River Network Contraction and Disconnection in the H.J. Andrews Experimental Forest, Oregon, USA. <i>Frontiers in Water</i> , 2020, 2, .	2.3	32
6	Small Ponds in Headwater Catchments Are a Dominant Influence on Regional Nutrient and Sediment Budgets. <i>Geophysical Research Letters</i> , 2019, 46, 9669-9677.	4.0	45
7	Exploring Tracer Information and Model Framework Tradeoffs to Improve Estimation of Stream Transient Storage Processes. <i>Water Resources Research</i> , 2019, 55, 3481-3501.	4.2	26
8	How Hydrologic Connectivity Regulates Water Quality in River Corridors. <i>Journal of the American Water Resources Association</i> , 2019, 55, 369-381.	2.4	75
9	Spatial and temporal variation in river corridor exchange across a 5th-order mountain stream network. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 5199-5225.	4.9	23
10	Improving Predictions of Fine Particle Immobilization in Streams. <i>Geophysical Research Letters</i> , 2019, 46, 13853-13861.	4.0	9
11	Solute Transport and Transformation in an Intermittent, Headwater Mountain Stream with Diurnal Discharge Fluctuations. <i>Water (Switzerland)</i> , 2019, 11, 2208.	2.7	14
12	Geomorphic Controls on Hyporheic Exchange Across Scalesâ€”Watersheds to Particles. , 2019, , .		3
13	Woody debris is related to reach-scale hotspots of lowland stream ecosystem respiration under baseflow conditions. <i>Ecohydrology</i> , 2018, 11, e1952.	2.4	31
14	Simulation of dynamic expansion, contraction, and connectivity in a mountain stream network. <i>Advances in Water Resources</i> , 2018, 114, 64-82.	3.8	84
15	Time-variable Transit Time Distributions in the Hyporheic Zone of a Headwater Mountain Stream. <i>Water Resources Research</i> , 2018, 54, 2017-2036.	4.2	23
16	Thresholds of lake and reservoir connectivity in river networks control nitrogen removal. <i>Nature Communications</i> , 2018, 9, 2779.	12.8	68
17	Dynamic hyporheic and riparian flow path geometry through base flow recession in two headwater mountain stream corridors. <i>Water Resources Research</i> , 2017, 53, 3988-4003.	4.2	31
18	Hydrologic controls on hyporheic exchange in a headwater mountain stream. <i>Water Resources Research</i> , 2017, 53, 6260-6278.	4.2	34

#	ARTICLE	IF	CITATIONS
19	Hydrogeomorphic controls on hyporheic and riparian transport in two headwater mountain streams during base flow recession. <i>Water Resources Research</i> , 2016, 52, 1479-1497.	4.2	36
20	Hyporheic exchange controlled by dynamic hydrologic boundary conditions. <i>Geophysical Research Letters</i> , 2016, 43, 4408-4417.	4.0	58
21	Stream solute tracer timescales changing with discharge and reach length confound process interpretation. <i>Water Resources Research</i> , 2016, 52, 3227-3245.	4.2	37
22	Isolating parameter sensitivity in reach scale transient storage modeling. <i>Advances in Water Resources</i> , 2016, 89, 24-31.	3.8	2
23	Spatial considerations of stream hydraulics in reach scale temperature modeling. <i>Water Resources Research</i> , 2015, 51, 5566-5581.	4.2	9
24	Impacts of beaver dams on hydrologic and temperature regimes in a mountain stream. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 3541-3556.	4.9	55
25	The influence of spatially variable stream hydraulics on reach scale transient storage modeling. <i>Water Resources Research</i> , 2014, 50, 9287-9299.	4.2	9
26	Deducing the spatial variability of exchange within a longitudinal channel water balance. <i>Hydrological Processes</i> , 2014, 28, 3088-3103.	2.6	19
27	Approaches to estimate uncertainty in longitudinal channel water balances. <i>Journal of Hydrology</i> , 2010, 394, 357-369.	5.4	37