

Joakim Riml

List of Publications by Year in descending order

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18
papers

422
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759233

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28
docs citations

28
times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	Is the Hyporheic Zone Relevant beyond the Scientific Community?. <i>Water (Switzerland)</i> , 2019, 11, 2230.	2.7	113
2	Changes in short term river flow regulation and hydropeaking in Nordic rivers. <i>Scientific Reports</i> , 2018, 8, 17232.	3.3	56
3	Evaluating the fate of six common pharmaceuticals using a reactive transport model: Insights from a stream tracer test. <i>Science of the Total Environment</i> , 2013, 458-460, 344-354.	8.0	37
4	Spectral scaling of heat fluxes in streambed sediments. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	31
5	Response functions for in-stream solute transport in river networks. <i>Water Resources Research</i> , 2011, 47, .	4.2	21
6	Drifting runoff periodicity during the 20th century due to changing surface water volume. <i>Hydrological Processes</i> , 2010, 24, 3772-3784.	2.6	20
7	Fragmentation of the Hyporheic Zone Due to Regional Groundwater Circulation. <i>Water Resources Research</i> , 2019, 55, 1242-1262.	4.2	20
8	Design of Remediation Actions for Nutrient Mitigation in the Hyporheic Zone. <i>Water Resources Research</i> , 2017, 53, 8872-8899.	4.2	19
9	Spectral Decomposition Reveals New Perspectives on CO ₂ Concentration Patterns and Soil-Stream Linkages. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3039-3056.	3.0	15
10	Spatiotemporal decomposition of solute dispersion in watersheds. <i>Water Resources Research</i> , 2015, 51, 2377-2392.	4.2	13
11	The power of runoff. <i>Journal of Hydrology</i> , 2017, 548, 784-793.	5.4	13
12	A power market-based operation support model for sub-daily hydropower regulation practices. <i>Applied Energy</i> , 2019, 255, 113905.	10.1	13
13	Insight into the influence of local streambed heterogeneity on hyporheic-zone flow characteristics. <i>Hydrogeology Journal</i> , 2020, 28, 2697-2712.	2.1	13
14	Virtual energy storage gain resulting from the spatio-temporal coordination of hydropower over Europe. <i>Applied Energy</i> , 2020, 272, 115249.	10.1	13
15	A Method for Assessment of Sub-Daily Flow Alterations Using Wavelet Analysis for Regulated Rivers. <i>Water Resources Research</i> , 2022, 58, .	4.2	10
16	Spectral decomposition of regulatory thresholds for climate-driven fluctuations in hydro and wind power availability. <i>Water Resources Research</i> , 2017, 53, 7296-7315.	4.2	6
17	Change in streamflow response in unregulated catchments in Sweden over the last century. <i>Water Resources Research</i> , 2016, 52, 5847-5867.	4.2	4
18	Cross-Validating Hydromechanical Models and Tracer Test Assessments of Hyporheic Exchange Flow in Streams With Different Hydromorphological Characteristics. <i>Water Resources Research</i> , 2021, 57, .	4.2	4