

# Joakim Riml

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8481681/publications.pdf>

Version: 2024-02-01

18  
papers

422  
citations

759233

12  
h-index

839539

18  
g-index

28  
all docs

28  
docs citations

28  
times ranked

757  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Insight into the influence of local streambed heterogeneity on hyporheic-zone flow characteristics. <i>Hydrogeology Journal</i> , 2020, 28, 2697-2712.	2.1	13
4	Virtual energy storage gain resulting from the spatio-temporal coordination of hydropower over Europe. <i>Applied Energy</i> , 2020, 272, 115249.	10.1	13
5	Spectral Decomposition Reveals New Perspectives on CO <sub>2</sub> Concentration Patterns and Soil-Stream Linkages. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3039-3056.	3.0	15
6	Is the Hyporheic Zone Relevant beyond the Scientific Community?. <i>Water (Switzerland)</i> , 2019, 11, 2230.	2.7	113
7	A power market-based operation support model for sub-daily hydropower regulation practices. <i>Applied Energy</i> , 2019, 255, 113905.	10.1	13
8	Fragmentation of the Hyporheic Zone Due to Regional Groundwater Circulation. <i>Water Resources Research</i> , 2019, 55, 1242-1262.	4.2	20
9	Changes in short term river flow regulation and hydropeaking in Nordic rivers. <i>Scientific Reports</i> , 2018, 8, 17232.	3.3	56
10	The power of runoff. <i>Journal of Hydrology</i> , 2017, 548, 784-793.	5.4	13
11	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
12	Design of Remediation Actions for Nutrient Mitigation in the Hyporheic Zone. <i>Water Resources Research</i> , 2017, 53, 8872-8899.	4.2	19
13	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
14	Spatiotemporal decomposition of solute dispersion in watersheds. <i>Water Resources Research</i> , 2015, 51, 2377-2392.	4.2	13
15	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
16	Spectral scaling of heat fluxes in streambed sediments. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	31
17	Response functions for in-stream solute transport in river networks. <i>Water Resources Research</i> , 2011, 47, .	4.2	21
18	Drifting runoff periodicity during the 20th century due to changing surface water volume. <i>Hydrological Processes</i> , 2010, 24, 3772-3784.	2.6	20