AgnÃ¨s RiviÃ¨re

List of Publications by Year
in descending order

17 papers	407 citations	1163117 8 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	733 citing authors

#	Article	IF	Citations
1	Numerical Assessment of Groundwater Flowpaths below a Streambed in Alluvial Plains Impacted by a Pumping Field. Water (Switzerland), 2022, 14, 1100.	2.7	2
2	Estimating Hydrothermal Properties and High-Frequency Fluxes From Geophysical Measurements in the Hyporheic Zone. Frontiers in Water, 2021, 3, .	2.3	1
3	River Corridor Model Constrained by Timeâ€Lapse Seismic Acquisition. Water Resources Research, 2021, 57, e2020WR028911.	4.2	3
4	Characterization of SWOT Water Level Errors on Seine Reservoirs and La BassÃ©e Gravel Pits: Impacts on Water Surface Energy Budget Modeling. Remote Sensing, 2020, 12, 2911.	4.0	4
5	Thermal reactivity at the streamâ€“aquifer interface. Hydrogeology Journal, 2020, 28, 1735-1753.	2.1	3
6	Pluri-annual Water Budget on the Seine Basin: Past, Current and Future Trends. Handbook of Environmental Chemistry, 2020, , 59-89.	0.4	7
7	Transfer Pathways and Fluxes of Water-Soluble Pesticides in Various Compartments of the Agricultural Catchment of the Canche River (Northern France). Water (Switzerland), 2019, 11, 1428.	2.7	5
8	Improving the Spectral Analysis of Hydrological Signals to Efficiently Constrain Watershed Properties. Water Resources Research, 2019, 55, 4043-4065.	4.2	20
9	Technical note: Water table mapping accounting for riverâ€“aquifer connectivity and human pressure. Hydrology and Earth System Sciences, 2019, 23, 4835-4849.	4.9	3
10	Pore water pressure evolution below a freezing front under saturated conditions: Large-scale laboratory experiment and numerical investigation. Cold Regions Science and Technology, 2019, 158, 76-94.	3.5	15
11	Groundwater flow and heat transport for systems undergoing freeze-thaw: Intercomparison of numerical simulators for 2D test cases. Advances in Water Resources, 2018, 114, 196-218.	3.8	91
12	LOMOS-mini: A coupled system quantifying transient water and heat exchanges in streambeds. Journal of Hydrology, 2018, 561, 1037-1047.	5.4	7
13	OZCAR: The French Network of Critical Zone Observatories. Vadose Zone Journal, 2018, 17, 1-24.	2.2	126
14	Retrieving river baseflow from SWOT spaceborne mission. Remote Sensing of Environment, 2018, 218, 44-54.	11.0	11
15	Continental hydrosystem modelling: the concept of nested streamâ€“aquifer interfaces. Hydrology and Earth System Sciences, 2014, 18, 3121-3149.	4.9	52
16	Experimental and numerical assessment of transient streamâ€“aquifer exchange during disconnection. Journal of Hydrology, 2014, 517, 574-583.	5.4	29
17	Complementing approaches to demonstrate chlorinated solvent biodegradation in a complex pollution plume: Mass balance, PCR and compound-specific stable isotope analysis. Journal of Contaminant Hydrology, 2011, 126, 315-329.	3.3	28