Jessy Jaunat

List of Publications by Year
in descending order

16	265	1040056 9	1199594 12
papers	citations	h-index	g-index

16	16	16	288
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Worldwide occurrence and origin of perchlorate ion in waters: A review. Science of the Total Environment, 2019, 661, 737-749.	8.0	86
2	Combinations of geoenvironmental data underline coastal aquifer anthropogenic nitrate legacy through groundwater vulnerability mapping methods. Science of the Total Environment, 2019, 658, 1390-1403.	8.0	29
3	Hydrochemical data and groundwater dating to infer differential flowpaths through weathered profiles of a fractured aquifer. Applied Geochemistry, 2012, 27, 2053-2067.	3.0	27
4	Residence time, mineralization processes and groundwater origin within a carbonate coastal aquifer with a thick unsaturated zone. Journal of Hydrology, 2016, 540, 50-63.	5.4	27
5	Heterogeneous behaviour of unconfined Chalk aquifers infer from combination of groundwater residence time, hydrochemistry and hydrodynamic tools. Journal of Hydrology, 2020, 581, 124433.	5.4	19
6	Groundwater flow dynamics of weathered hard-rock aquifers under climate-change conditions: an illustrative example of numerical modeling through the equivalent porous media approach in the north-western Pyrenees (France). Hydrogeology Journal, 2016, 24, 1359-1373.	2.1	17
7	Intrinsic vulnerability mapping for small mountainous karst aquifers, implementation of the new PaPRIKa method to Western Pyrenees (France). Engineering Geology, 2013, 161, 81-93.	6.3	14
8	Characterisation of the input signal to aquifers in the French Basque Country: Emphasis on parameters influencing the chemical and isotopic composition of recharge waters. Journal of Hydrology, 2013, 496, 57-70.	5.4	11
9	Characterization of the aquifers of the Bangui urban area, Central African Republic, as an alternative drinking water supply resource. Hydrological Sciences Journal, 2013, 58, 1760-1778.	2.6	11
10	PaPRIKa, the French Multicriteria Method for Mapping the Intrinsic Vulnerability of Karst Water Resource and Source â€“ Two Examples (Pyrenees, Normandy). Environmental Earth Sciences, 2010, , 323-328.	0.2	9
11	Sources and behavior of perchlorate in a shallow Chalk aquifer under military (World War I) and agricultural influences. Journal of Hazardous Materials, 2020, 398, 123072.	12.4	9
12	Sources and behavior of perchlorate ions (ClO₄^{â^'}) in chalk aquifer of Champagne-Ardenne, France: preliminary results. Proceedings of the International Association of Hydrological Sciences, 0, 379, 113-117.	1.0	4
13	Long-Term Evolution of Rainfall and Its Consequences on Water Resources: Application to the Watershed of the Kara River (Northern Togo). Water (Switzerland), 2022, 14, 1976.	2.7	2
14	A conceptual model of hydrogeological function and perchlorate transfer in the unconfined Champagne Chalk aquifer (NE France). Geological Society Special Publication, 0, , SP517-2020-153.	1.3	0
15	Coupling hydrology, geochemistry and hydrodynamics towards rational management of discontinuous aquifers: application to the Ursuya massif (Basque Country, France). Proceedings of the International Association of Hydrological Sciences, 0, 364, 386-391.	1.0	0
16	The input signal to a carbonate aquifer highlights recharge processes and climate evolution under temperate Atlantic conditions. Hydrological Sciences Journal, 2022, 67, 1238-1252.	2.6	0