

Emiliano Gelati

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

399
citations

10
h-index

19
g-index

33
ext. papers

486
ext. citations

5.9
avg, IF

3.44
L-index

#	Paper	IF	Citations
21	A global lake and reservoir volume analysis using a surface water dataset and satellite altimetry. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 669-690	5.5	106
20	Sequential assimilation of satellite-derived vegetation and soil moisture products using SURFEX_v8.0: LDAS-Monde assessment over the Euro-Mediterranean area. <i>Geoscientific Model Development</i> , 2017 , 10, 3889-3912	6.3	60
19	Evidence of viral dissemination and seasonality in a Mediterranean river catchment: Implications for water pollution management. <i>Journal of Environmental Management</i> , 2015 , 159, 58-67	7.9	40
18	Analysis of current validation practices in Europe for space-based climate data records of essential climate variables. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015 , 42, 150-161	7.3	32
17	Comparing surface-soil moisture from the SMOS mission and the ORCHIDEE land-surface model over the Iberian Peninsula. <i>Remote Sensing of Environment</i> , 2016 , 174, 69-81	13.2	31
16	An integrated assessment framework for the analysis of multiple pressures in aquatic ecosystems and the appraisal of management options. <i>Science of the Total Environment</i> , 2017 , 575, 1477-1488	10.2	24
15	Comparing the ensemble and extended Kalman filters for in situ soil moisture assimilation with contrasting conditions. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 4811-4830	5.5	17
14	Markov-switching model for nonstationary runoff conditioned on El Niño information. <i>Water Resources Research</i> , 2010 , 46,	5.4	17
13	Reservoir operation using El Niño forecasts: case study of Daule Peripa and Baba, Ecuador. <i>Hydrological Sciences Journal</i> , 2014 , 59, 1559-1581	3.5	11
12	Modelling Nitrate Reduction Strategies from Diffuse Sources in the Po River Basin. <i>Water (Switzerland)</i> , 2019 , 11, 1030	3	10
11	Stochastic reservoir optimization using El Niño information: case study of Daule Peripa, Ecuador 2011 , 42, 413-431		9
10	Diverging hydrological drought traits over Europe with global warming. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 5919-5935	5.5	9
9	Downscaling atmospheric patterns to multi-site precipitation amounts in southern Scandinavia 2010 , 41, 193-210		8
8	Hydrological assessment of atmospheric forcing uncertainty in the Euro-Mediterranean area using a land surface model. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 2091-2115	5.5	8
7	Future Projections of Water Scarcity in the Danube River Basin Due to Land Use, Water Demand and Climate Change. <i>Journal of Environmental Geography</i> , 2018 , 11, 25-36	0.7	6
6	Sequential assimilation of satellite-derived vegetation and soil moisture products using SURFEX_v8.0: LDAS-Monde assessment over the Euro-Mediterranean area 2017 ,		3
5	Comparison of measured brightness temperatures from SMOS with modelled ones from ORCHIDEE and H-TESSSEL over the Iberian Peninsula. <i>Hydrology and Earth System Sciences</i> , 2017 , 21, 357-375	5.5	3

4	A global lake and reservoir volume analysis using a surface water dataset and satellite altimetry		2
3	Addressing the WaterEnergy Nexus by Coupling the Hydrological Model with a New Energy LISENGY Model: A Case Study in the Iberian Peninsula. <i>Water (Switzerland)</i> , 2020 , 12, 762	3	1
2	Assessing groundwater irrigation sustainability in the Euro-Mediterranean region with an integrated agro-hydrologic model. <i>Advances in Science and Research</i> , 17, 227-253		1
1	Estimation of spatial distribution of irrigated crop areas in Europe for large-scale modelling applications. <i>Agricultural Water Management</i> , 2022 , 266, 107527	5.9	0