Roger Moussa

List of Publications by Year
in descending order

11	571	1307594 7	1474206 9
papers	citations	h-index	g-index

11	11	11	675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of the spatial organization of agricultural management on the hydrological behaviour of a farmed catchment during flood events. Hydrological Processes, 2002, 16, 393-412.	2.6	176
2	Criteria for the choice of flood-routing methods in natural channels. Journal of Hydrology, 1996, 186, 1-30.	5.4	136
3	Distributed hydrological modelling of a Mediterranean mountainous catchment â€“ Model construction and multi-site validation. Journal of Hydrology, 2007, 337, 35-51.	5.4	110
4	ANALYTICAL HAYAMI SOLUTION FOR THE DIFFUSIVE WAVE FLOOD ROUTING PROBLEM WITH LATERAL INFLOW. Hydrological Processes, 1996, 10, 1209-1227.	2.6	83
5	When monstrosity can be beautiful while normality can be ugly: assessing the performance of event-based flood models. Hydrological Sciences Journal, 2010, 55, 1074-1084.	2.6	29
6	Constraining coupled hydrological-hydraulic flood model by past storm events and post-event measurements in data-sparse regions. Journal of Hydrology, 2018, 565, 160-176.	5.4	17
7	Determinants of modelling choices for 1-D free-surface flow and morphodynamics in hydrology and hydraulics: a review. Hydrology and Earth System Sciences, 2016, 20, 3799-3830.	4.9	9
8	Evaluating lateral flow in an experimental channel using the diffusive wave inverse problem. Advances in Water Resources, 2019, 127, 120-133.	3.8	7
9	Modeling of Floodsâ€"State of the Art and Research Challenges. GeoPlanet: Earth and Planetary Sciences, 2015, , 169-192.	0.2	4
10	Use of the Hayami diffusive wave equation to model the relationship infectedâ€“recoveriesâ€“deaths of Covid-19 pandemic. Epidemiology and Infection, 2021, 149, e138.	2.1	0
11	A new cost-performance grid to compare different flood modelling approaches. Hydrological Sciences Journal, 2021, 66, 434-449.	2.6	0