

Tarek Merabtene

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Land Cover Change on Urban Floods and Rainwater Harvesting: A Case Study in Sharjah, UAE. <i>Water (Switzerland)</i> , 2018, 10, 631.	1.2	49
2	Risk assessment for optimal drought management of an integrated water resources system using a genetic algorithm. <i>Hydrological Processes</i> , 2002, 16, 2189-2208.	1.1	48
3	Potential groundwater zone mapping based on geo-hydrological considerations and multi-criteria spatial analysis: North UAE. <i>Catena</i> , 2019, 173, 511-524.	2.2	36
4	Assessment of Seasonal and Annual Rainfall Trends and Variability in Sharjah City, UAE. <i>Advances in Meteorology</i> , 2016, 2016, 1-13.	0.6	24
5	Numerical simulation of merging of two rising bubbles with different densities and diameters using an enhanced Volume-Of-Fluid (VOF) model. <i>Ocean Engineering</i> , 2022, 247, 110711.	1.9	17
6	Parameter Estimation and Assessment of Infiltration Models for Madjez Ressoul Catchment, Algeria. <i>Water (Switzerland)</i> , 2022, 14, 1185.	1.2	9
7	Automated numerical analysis tool for assessing potential bank failures during flooding. <i>Natural Hazards</i> , 2010, 55, 3-14.	1.6	7
8	Decay rates of the solution of the Cauchy thermoelastic Bresse system. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2016, 67, 1.	0.7	6
9	Potential impact of global warming on whiting in a semi-enclosed gulf. <i>International Journal of Global Warming</i> , 2017, 13, 411.	0.2	4
10	Wave transformation and hydrodynamic characteristics of wave-breaking models coupled with Boussinesq equations. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2017, 55, 759-771.	0.7	3
11	Comparative assessment between GR model and tank model for rainfall-runoff analysis using Kalman filter- application to Algerian basins-.. <i>MATEC Web of Conferences</i> , 2017, 120, 05006.	0.1	3
12	Optimization of a Conceptual Rainfall-Runoff Model using Evolutionary Computing methods. , 2021, , .		2
13	APPLICABILITY OF JMA-MSM-GPV TO RIVER BASIN RISK MANAGEMENT AND DISASTER MEASURES. <i>Proceedings of Hydraulic Engineering</i> , 2003, 47, 91-96.	0.0	1
14	Impact of urban expansion on potential flooding, storage and water harvesting in the city of Sharjah, United Arab Emirates. <i>MATEC Web of Conferences</i> , 2017, 120, 09007.	0.1	1
15	DECISION SUPPORT SYSTEM FOR OPTIMAL DROUGHT MANAGEMENT OF FUKUOKA CITY WATER RESOURCES: APPLICATION TO THE 1994/95 DROUGHT CONDITIONS. <i>Proceedings of Hydraulic Engineering</i> , 1999, 43, 157-162.	0.0	0
16	Contribution to optimize decision parameters in activated-sludge process using ANFIS model. <i>MATEC Web of Conferences</i> , 2017, 120, 05001.	0.1	0
17	Potential impact of global warming on whiting in a semi-enclosed gulf. <i>International Journal of Global Warming</i> , 2017, 13, 411.	0.2	0
18	Rainfall trends and intensity-frequency-duration relationships in Sharjah City, UAE. <i>International Journal of Hydrology Science and Technology</i> , 2020, 10, 487.	0.2	0