

Tarek Merabtene

List of Publications by Year in descending order

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244
citing authors

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