

Md Kamal Rowshon

List of Publications by Year in descending order

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21
papers

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times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing TVDI and NDWI to Classify Severity of Agricultural Drought in Chuping, Malaysia. <i>Agronomy</i> , 2021, 11, 1243.	1.3	24
2	Vegetation Effects on Soil Moisture Retrieval from Water Cloud Model Using PALSAR-2 for Oil Palm Trees. <i>Remote Sensing</i> , 2021, 13, 4023.	1.8	7
3	Comparison of Field and SAR-Derived Descriptors in the Retrieval of Soil Moisture from Oil Palm Crops Using PALSAR-2. <i>Remote Sensing</i> , 2021, 13, 4729.	1.8	1
4	Modeling Future Streamflow for Adaptive Water Allocation under Climate Change for the Tanjung Karang Rice Irrigation Scheme Malaysia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4885.	1.3	5
5	Projected Streamflow in the Kurau River Basin of Western Malaysia under Future Climate Scenarios. <i>Scientific Reports</i> , 2020, 10, 8336.	1.6	16
6	HYDRUS-1D Simulation of Nitrogen Dynamics in Rainfed Sweet Corn Production. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3925.	1.3	5
7	Review of Nitrogen Compounds Prediction in Water Bodies Using Artificial Neural Networks and Other Models. <i>Sustainability</i> , 2020, 12, 4359.	1.6	23
8	HYDRUS-1D Simulation of Soil Water Dynamics for Sweet Corn under Tropical Rainfed Condition. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1219.	1.3	12
9	Climate-Smart Agro-Hydrological Model for a Large Scale Rice Irrigation Scheme in Malaysia. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3906.	1.3	7
10	Modeling climate-smart decision support system (CSDSS) for analyzing water demand of a large-scale rice irrigation scheme. <i>Agricultural Water Management</i> , 2019, 216, 138-152.	2.4	28
11	Generation of a stochastic precipitation model for the tropical climate. <i>Theoretical and Applied Climatology</i> , 2018, 133, 489-509.	1.3	18
12	Wetting patterns estimation under drip irrigation systems using an enhanced empirical model. <i>Agricultural Water Management</i> , 2016, 176, 203-213.	2.4	43
13	Geospatial water quality assessment system for the Sg. Buloh river basin in Malaysia. <i>International Journal of Water</i> , 2014, 8, 401.	0.1	2
14	Estimated evapotranspiration of rice based on pan evaporation as a surrogate to lysimeter measurement. <i>Paddy and Water Environment</i> , 2014, 12, 35-41.	1.0	14
15	Sustainable exploitation of hilsa fish (<i>Tenualosa ilisha</i>) population in Bangladesh: Modeling and policy implications. <i>Ecological Modelling</i> , 2014, 283, 19-30.	1.2	14
16	Thin layer drying of hybrid rice seed. <i>Engineering in Agriculture, Environment and Food</i> , 2014, 7, 169-175.	0.2	14
17	GIS user-interface based irrigation delivery performance assessment: a case study for Tanjung Karang rice irrigation scheme in Malaysia. <i>Irrigation and Drainage Systems</i> , 2011, 25, 97-120.	0.5	4
18	GIS-Integrated Rice Irrigation Management Information System for a River-Fed Scheme. <i>Water Resources Management</i> , 2009, 23, 2841-2866.	1.9	14

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19	New performance indicators for rice-based irrigation systems. Paddy and Water Environment, 2006, 4, 71-79.	1.0	6
20	GIS-based scheduling and monitoring of irrigation delivery for rice irrigation system. Agricultural Water Management, 2003, 62, 105-116.	2.4	14
21	GIS-based scheduling and monitoring irrigation delivery for rice irrigation system. Agricultural Water Management, 2003, 62, 117-126.	2.4	6