Md Kamal Rowshon

List of Publications by Year
in descending order

21	277	840119 11	940134 16
papers	citations	h-index	g-index

21	21	21	255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wetting patterns estimation under drip irrigation systems using an enhanced empirical model. Agricultural Water Management, 2016, 176, 203-213.	2.4	43
2	Modeling climate-smart decision support system (CSDSS) for analyzing water demand of a large-scale rice irrigation scheme. Agricultural Water Management, 2019, 216, 138-152.	2.4	28
3	Utilizing TVDI and NDWI to Classify Severity of Agricultural Drought in Chuping, Malaysia. Agronomy, 2021, 11, 1243.	1.3	24
4	Review of Nitrogen Compounds Prediction in Water Bodies Using Artificial Neural Networks and Other Models. Sustainability, 2020, 12, 4359.	1.6	23
5	Generation of a stochastic precipitation model for the tropical climate. Theoretical and Applied Climatology, 2018, 133, 489-509.	1.3	18
6	Projected Streamflow in the Kurau River Basin of Western Malaysia under Future Climate Scenarios. Scientific Reports, 2020, 10, 8336.	1.6	16
7	GIS-based scheduling and monitoring of irrigation delivery for rice irrigation system. Agricultural Water Management, 2003, 62, 105-116.	2.4	14
8	GIS-Integrated Rice Irrigation Management Information System for a River-Fed Scheme. Water Resources Management, 2009, 23, 2841-2866.	1.9	14
9	Estimated evapotranspiration of rice based on pan evaporation as a surrogate to lysimeter measurement. Paddy and Water Environment, 2014, 12, 35-41.	1.0	14
10	Sustainable exploitation of hilsa fish (Tenualosa ilisha) population in Bangladesh: Modeling and policy implications. Ecological Modelling, 2014, 283, 19-30.	1.2	14
11	Thin layer drying of hybrid rice seed. Engineering in Agriculture, Environment and Food, 2014, 7, 169-175.	0.2	14
12	HYDRUS-1D Simulation of Soil Water Dynamics for Sweet Corn under Tropical Rainfed Condition. Applied Sciences (Switzerland), 2020, 10, 1219.	1.3	12
13	Climate-Smart Agro-Hydrological Model for a Large Scale Rice Irrigation Scheme in Malaysia. Applied Sciences (Switzerland), 2020, 10, 3906.	1.3	7
14	Vegetation Effects on Soil Moisture Retrieval from Water Cloud Model Using PALSAR-2 for Oil Palm Trees. Remote Sensing, 2021, 13, 4023.	1.8	7
15	GIS-based scheduling and monitoring irrigation delivery for rice irrigation system. Agricultural Water Management, 2003, 62, 117-126.	2.4	6
16	New performance indicators for rice-based irrigation systems. Paddy and Water Environment, 2006, 4, 71-79.	1.0	6
17	Modeling Future Streamflow for Adaptive Water Allocation under Climate Change for the Tanjung Karang Rice Irrigation Scheme Malaysia. Applied Sciences (Switzerland), 2020, 10, 4885.	1.3	5
18	HYDRUS-1D Simulation of Nitrogen Dynamics in Rainfed Sweet Corn Production. Applied Sciences (Switzerland), 2020, 10, 3925.	1.3	5

#	Article	IF	Citations
19	GIS user-interface based irrigation delivery performance assessment: a case study for Tanjung Karang rice irrigation scheme in Malaysia. Irrigation and Drainage Systems, 2011, 25, 97-120.	0.5	4
20	Geospatial water quality assessment system for the Sg. Buloh river basin in Malaysia. International Journal of Water, 2014, 8, 401.	0.1	2
21	Comparison of Field and SAR-Derived Descriptors in the Retrieval of Soil Moisture from Oil Palm Crops Using PALSAR-2. Remote Sensing, 2021, 13, 4729.	1.8	1