Ren Jie Chin

List of Publications by Year
in descending order

20 papers	**165** citations

1307594

7
h-index

1281871

11
g-index

20 all docs	**20** docs citations

20
times ranked

125
citing authors

#	Article	IF	Citations
1	Sustainable ternary cement blends with high-volume ground granulated blast furnace slag–fly ash. Environment, Development and Sustainability, 2022, 24, 4751-4785.	5.0	17
2	Formulation of Parsimonious Urban Flash Flood Predictive Model with Inferential Statistics. Mathematics, 2022, 10, 175.	2.2	3
3	Modelling of ammonia nitrogen in river using soft computing techniques. E3S Web of Conferences, 2022, 347, 04001.	0.5	1
4	New Approach to Predict Fecal Coliform Removal for Stormwater Biofilters Application. IIUM Engineering Journal, 2022, 23, 45-58.	0.8	1
5	Influence of filter media depth and vegetation on Faecal Coliform removal by stormwater biofilters. Water and Environment Journal, 2021, 35, 181-189.	2.2	4
6	Predicting tsunami-like solitary wave run-up over fringing reefs using the multi-layer perceptron neural network. Natural Hazards, 2021, 107, 601-616.	3.4	16
7	An effective framework for wake predictions of tidal-current turbines. Ocean Engineering, 2021, 235, 109403.	4.3	5
8	Application of Machine Learning Model for the Prediction of Settling Velocity of Fine Sediments. Mathematics, 2021, 9, 3141.	2.2	5
9	ANFIS-based model for predicting actual shear rate associated with wall slip phenomenon. Soft Computing, 2020, 24, 9639-9649.	3.6	14
10	Hydrological impact assessment on permeable road pavement with subsurface precast micro-detention pond. Water and Environment Journal, 2020, 34, 960-969.	2.2	5
11	Feasibility assessment of tidal energy extraction at the Tg Tuan coastal headland: A numerical simulation study. Sustainable Energy Technologies and Assessments, 2020, 38, 100633.	2.7	5
12	Hydrological Performances on the Modified Permeable Pavement with Precast Hollow Cylinder Micro detention Pond Structure. KSCE Journal of Civil Engineering, 2019, 23, 3951-3960.	1.9	7
13	NewApproach to Predict the Motion Characteristics of Single Bubbles in Still Water. Applied Sciences (Switzerland), 2019, 9, 3981.	2.5	10
14	Rheological wall slip velocity prediction model based on artificial neural network. Journal of Experimental and Theoretical Artificial Intelligence, 2019, 31, 659-676.	2.8	18
15	New approach to mimic rheological actual shear rate under wall slip condition. Engineering With Computers, 2019, 35, 1409-1418.	6.1	12
16	Statistical Analysis Towards Improvement of Design Rainfall: Case Study of Peninsular Malaysia. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2018, 42, 121-131.	1.9	2
17	Relationship between minimum inter-event time and the number of rainfall events in Peninsular Malaysia. Weather, 2016, 71, 213-218.	0.7	13
18	Analysis of rainfall events over Peninsular Malaysia. Weather, 2016, 71, 118-123.	0.7	8

#	Article	IF	Citations
19	Effectiveness of BIOECODS for peak flow attenuation: an appraisal using InfoWorks SD. Hydrological Sciences Journal, 0, , 1-10.	2.6	8
20	Advanced water level prediction for a large-scale riverâ€"lake system using hybrid soft computing approach: a case study in Dongting Lake, China. Earth Science Informatics, 0, , 1.	3.2	11