

Ren Jie Chin

List of Publications by Year in descending order

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Version: 2024-02-01

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	Rheological wall slip velocity prediction model based on artificial neural network. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2019, 31, 659-676.	2.8	18
2	Sustainable ternary cement blends with high-volume ground granulated blast furnace slag and fly ash. <i>Environment, Development and Sustainability</i> , 2022, 24, 4751-4785.	5.0	17
3	Predicting tsunami-like solitary wave run-up over fringing reefs using the multi-layer perceptron neural network. <i>Natural Hazards</i> , 2021, 107, 601-616.	3.4	16
4	ANFIS-based model for predicting actual shear rate associated with wall slip phenomenon. <i>Soft Computing</i> , 2020, 24, 9639-9649.	3.6	14
5	Relationship between minimum inter-event time and the number of rainfall events in Peninsular Malaysia. <i>Weather</i> , 2016, 71, 213-218.	0.7	13
6	New approach to mimic rheological actual shear rate under wall slip condition. <i>Engineering With Computers</i> , 2019, 35, 1409-1418.	6.1	12
7	Advanced water level prediction for a large-scale river-lake system using hybrid soft computing approach: a case study in Dongting Lake, China. <i>Earth Science Informatics</i> , 0, , 1.	3.2	11
8	New Approach to Predict the Motion Characteristics of Single Bubbles in Still Water. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3981.	2.5	10
9	Effectiveness of BIOECODS for peak flow attenuation: an appraisal using InfoWorks SD. <i>Hydrological Sciences Journal</i> , 0, , 1-10.	2.6	8
10	Analysis of rainfall events over Peninsular Malaysia. <i>Weather</i> , 2016, 71, 118-123.	0.7	8
11	Hydrological Performances on the Modified Permeable Pavement with Precast Hollow Cylinder Micro detention Pond Structure. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 3951-3960.	1.9	7
12	Hydrological impact assessment on permeable road pavement with subsurface precast micro-detention pond. <i>Water and Environment Journal</i> , 2020, 34, 960-969.	2.2	5
13	Feasibility assessment of tidal energy extraction at the Tg Tuan coastal headland: A numerical simulation study. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 38, 100633.	2.7	5
14	An effective framework for wake predictions of tidal-current turbines. <i>Ocean Engineering</i> , 2021, 235, 109403.	4.3	5
15	Application of Machine Learning Model for the Prediction of Settling Velocity of Fine Sediments. <i>Mathematics</i> , 2021, 9, 3141.	2.2	5
16	Influence of filter media depth and vegetation on Faecal Coliform removal by stormwater biofilters. <i>Water and Environment Journal</i> , 2021, 35, 181-189.	2.2	4
17	Formulation of Parsimonious Urban Flash Flood Predictive Model with Inferential Statistics. <i>Mathematics</i> , 2022, 10, 175.	2.2	3
18	Statistical Analysis Towards Improvement of Design Rainfall: Case Study of Peninsular Malaysia. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2018, 42, 121-131.	1.9	2

#	ARTICLE	IF	CITATIONS
19	Modelling of ammonia nitrogen in river using soft computing techniques. E3S Web of Conferences, 2022, 347, 04001.	0.5	1
20	New Approach to Predict Fecal Coliform Removal for Stormwater Biofilters Application. IIUM Engineering Journal, 2022, 23, 45-58.	0.8	1