

Chun Kiat Chang

List of Publications by Year in descending order

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29
papers

1,026
citations

430442

18
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of water quality index in constructed wetlands using support vector machine. Environmental Science and Pollution Research, 2015, 22, 6208-6219.	2.7	121
2	Comparison between genetic algorithm and linear programming approach for real time operation. Journal of Hydro-Environment Research, 2008, 2, 172-181.	1.0	102
3	Gene-Expression Programming for the Development of a Stage-Discharge Curve of the Pahang River. Water Resources Management, 2011, 25, 2901-2916.	1.9	102
4	An ANFIS-based approach for predicting the bed load for moderately sized rivers. Journal of Hydro-Environment Research, 2009, 3, 35-44.	1.0	79
5	Machine Learning Approach to Predict Sediment Load – A Case Study. Clean - Soil, Air, Water, 2010, 38, 969-976.	0.7	62
6	Gene expression programming for total bed material load estimation—a case study. Science of the Total Environment, 2010, 408, 5078-5085.	3.9	59
7	Case Study: Flood Mitigation of the Muda River, Malaysia. Journal of Hydraulic Engineering, 2010, 136, 251-261.	0.7	51
8	Genetic Programming to Predict Ski-Jump Bucket Spill-Way Scour. Journal of Hydrodynamics, 2008, 20, 477-484.	1.3	47
9	Mesocosm study of enhanced bioretention media in treating nutrient rich stormwater for mixed development area. Urban Water Journal, 2017, 14, 134-142.	1.0	45
10	A review of bioretention components and nutrient removal under different climates—future directions for tropics. Environmental Science and Pollution Research, 2019, 26, 14904-14919.	2.7	44
11	Appraisal of soft computing techniques in prediction of total bed material load in tropical rivers. Journal of Earth System Science, 2012, 121, 125-133.	0.6	35
12	Suspended sediment load prediction of river systems: GEP approach. Arabian Journal of Geosciences, 2013, 6, 3469-3480.	0.6	35
13	Sungai Pahang digital flood mapping: 2007 flood. International Journal of River Basin Management, 2012, 10, 139-148.	1.5	32
14	Revised equations for Manning's coefficient for Sand-Bed Rivers. International Journal of River Basin Management, 2007, 5, 329-346.	1.5	31
15	Sediment transport modeling for Kulim River – A case study. Journal of Hydro-Environment Research, 2008, 2, 47-59.	1.0	31
16	Prediction of total bed material load for rivers in Malaysia: A case study of Langat, Muda and Kurau Rivers. Environmental Fluid Mechanics, 2011, 11, 307-318.	0.7	27
17	A temporal change study of the Muda River system over 22 years. International Journal of River Basin Management, 2010, 8, 25-37.	1.5	26
18	A Review of Roof and Pond Rainwater Harvesting Systems for Water Security: The Design, Performance and Way Forward. Water (Switzerland), 2020, 12, 3163.	1.2	25

#	ARTICLE	IF	CITATIONS
19	Spatial pattern analysis for water quality in free-surface constructed wetland. <i>Water Science and Technology</i> , 2014, 70, 1161-1167.	1.2	15
20	Assessing the Effectiveness of Mitigation Strategies for Flood Risk Reduction in the Segamat River Basin, Malaysia. <i>Sustainability</i> , 2021, 13, 3286.	1.6	12
21	Comparison of NCEP-CFSR and CMADS for Hydrological Modelling Using SWAT in the Muda River Basin, Malaysia. <i>Water (Switzerland)</i> , 2020, 12, 3288.	1.2	11
22	Rapid Extreme Tropical Precipitation and Flood Inundation Mapping Framework (RETRACE): Initial Testing for the 2021â€“2022 Malaysia Flood. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 378.	1.4	8
23	Modelling urban river catchment: a case study in Malaysia. <i>Water Management</i> , 2009, 162, 25-34.	0.4	6
24	ANALYSIS OF TRENDS OF EXTREME RAINFALL EVENTS USING MANN KENDALL TEST: A CASE STUDY IN PAHANG AND KELANTAN RIVER BASINS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	4
25	Integrated Urban Stormwater Management and Planning for New Township Development in Malaysia. <i>MATEC Web of Conferences</i> , 2018, 246, 01112.	0.1	4
26	Influence of Hydraulic Conductivity and Organic Matter Content in Different Bioretention Media on Nutrient Removal. <i>Applied Mechanics and Materials</i> , 2015, 802, 448-453.	0.2	3
27	Constructed Wetlands as a Natural Resource for Water Quality Improvement in Malaysia. <i>Natural Resources</i> , 2014, 05, 292-298.	0.2	3
28	INTEGRATED TRIANGULAR IRREGULAR NETWORK (ITIN) MODEL FOR FLOOD RISK ANALYSIS CASE STUDY: PARI RIVER, IPOH, MALAYSIA. , 2002, , .		0
29	INSTITUTIONAL REFORMFOR WATER CONFLICT RESOLUTION IN MALAYSIA: A PRELIMINARY STUDY OF PENANG STATE AND KEDAH STATE. , 2019, , .		0