

Nur Shazwani Muhammad

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3560113/nur-shazwani-muhammad-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

312
citations

11
h-index

17
g-index

27
ext. papers

448
ext. citations

3.6
avg, IF

4.28
L-index

#	Paper	IF	Citations
24	Wavelet based hybrid ANN-ARIMA models for meteorological drought forecasting. <i>Journal of Hydrology</i> , 2020 , 590, 125380	6	47
23	Estimation the Physical Variables of Rainwater Harvesting System Using Integrated GIS-Based Remote Sensing Approach. <i>Water Resources Management</i> , 2016 , 30, 3299-3313	3.7	47
22	Spatial and temporal risk quotient based river assessment for water resources management. <i>Environmental Pollution</i> , 2019 , 248, 133-144	9.3	39
21	Wavelet-ANN versus ANN-Based Model for Hydrometeorological Drought Forecasting. <i>Water (Switzerland)</i> , 2018 , 10, 998	3	28
20	Urban flash flood index based on historical rainfall events. <i>Sustainable Cities and Society</i> , 2020 , 56, 102088	8.1	17
19	Research Trends of Hydrological Drought: A Systematic Review. <i>Water (Switzerland)</i> , 2019 , 11, 2252	3	16
18	Flood flow simulations and return period calculation for the Kota Tinggi watershed, Malaysia. <i>Journal of Flood Risk Management</i> , 2018 , 11, S766-S782	3.1	14
17	Optimization of area-volume-elevation curve using GIS/BRTM method for rainwater harvesting in arid areas. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	13
16	Evolution of research on water leakage control strategies: where are we now?. <i>Urban Water Journal</i> , 2018 , 15, 812-826	2.3	13
15	Robust approach for optimal positioning and ranking potential rainwater harvesting structure (RWH): a case study of Iraq. <i>Arabian Journal of Geosciences</i> , 2017 , 10, 1	1.8	11
14	Identification of potential sites for runoff water harvesting. <i>Water Management</i> , 2019 , 172, 135-148	1	11
13	Envelope curves for the specific discharge of extreme floods in Malaysia. <i>Journal of Hydro-Environment Research</i> , 2019 , 25, 1-11	2.3	10
12	Scenario-based pollution discharge simulations and mapping using integrated QUAL2K-GIS. <i>Environmental Pollution</i> , 2020 , 259, 113909	9.3	8
11	Model Performance Indicator of Aging Pipes in a Domestic Water Supply Distribution Network. <i>Water (Switzerland)</i> , 2019 , 11, 2378	3	7
10	Development of riverbank erosion rate predictor for natural channels using NARX-QR Factorization model: a case study of Sg. Bernam, Selangor, Malaysia. <i>Neural Computing and Applications</i> , 2020 , 32, 14839-14849	4.8	6
9	Minimizing the Impacts of Desertification in an Arid Region: A Case Study of the West Desert of Iraq. <i>Advances in Civil Engineering</i> , 2021 , 2021, 1-12	1.3	6
8	Probability Structure and Return Period of Multiday Monsoon Rainfall. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016 , 21, 04015048	1.8	6

7	Assessment of probability distributions and analysis of the minimum storage draft rate in the equatorial region. <i>Natural Hazards and Earth System Sciences</i> , 2021 , 21, 1-19	3.9	6
6	Assessment of dam appurtenant structures under multiple flow discharge scenarios. <i>Ain Shams Engineering Journal</i> , 2020 , 11, 913-922	4.4	3
5	ANALYSIS OF EXTREME RAINFALL INDICES IN PENINSULAR MALAYSIA. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2	2
4	Effectiveness of strip footing with geogrid reinforcement for different types of soils in Mosul, Iraq. <i>PLoS ONE</i> , 2020 , 15, e0243293	3.7	1
3	Predictive models for the estimation of riverbank erosion rates. <i>Catena</i> , 2021 , 196, 104917	5.8	1
2	Modified Hydrological Drought Risk Assessment Based on Spatial and Temporal Approaches. <i>Sustainability</i> , 2022 , 14, 6337	3.6	0
1	Toward sustainable water resources management: critical assessment on the implementation of integrated water resources management and water-energy-food nexus in Afghanistan. <i>Water Policy</i> , 2022 , 24, 1-18	1.6	