

Nur Shazwani Muhammad

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3560113/nur-shazwani-muhammad-publications-by-year.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	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	0
23	Modified Hydrological Drought Risk Assessment Based on Spatial and Temporal Approaches. <i>Sustainability</i> , 2022 , 14, 6337	3.6	0
22	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
21	Predictive models for the estimation of riverbank erosion rates. <i>Catena</i> , 2021 , 196, 104917	5.8	1
20	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
19	Assessment of dam appurtenant structures under multiple flow discharge scenarios. <i>Ain Shams Engineering Journal</i> , 2020 , 11, 913-922	4.4	3
18	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
17	Urban flash flood index based on historical rainfall events. <i>Sustainable Cities and Society</i> , 2020 , 56, 102088	8.1	17
16	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
15	Scenario-based pollution discharge simulations and mapping using integrated QUAL2K-GIS. <i>Environmental Pollution</i> , 2020 , 259, 113909	9.3	8
14	Wavelet based hybrid ANN-ARIMA models for meteorological drought forecasting. <i>Journal of Hydrology</i> , 2020 , 590, 125380	6	47
13	Spatial and temporal risk quotient based river assessment for water resources management. <i>Environmental Pollution</i> , 2019 , 248, 133-144	9.3	39
12	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
11	Model Performance Indicator of Aging Pipes in a Domestic Water Supply Distribution Network. <i>Water (Switzerland)</i> , 2019 , 11, 2378	3	7
10	Research Trends of Hydrological Drought: A Systematic Review. <i>Water (Switzerland)</i> , 2019 , 11, 2252	3	16
9	Identification of potential sites for runoff water harvesting. <i>Water Management</i> , 2019 , 172, 135-148	1	11
8	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

7	Evolution of research on water leakage control strategies: where are we now?. <i>Urban Water Journal</i> , 2018 , 15, 812-826	2.3	13
6	Wavelet-ANN versus ANN-Based Model for Hydrometeorological Drought Forecasting. <i>Water (Switzerland)</i> , 2018 , 10, 998	3	28
5	Optimization of area-volume-elevation curve using GIS/RTM method for rainwater harvesting in arid areas. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	13
4	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
3	ANALYSIS OF EXTREME RAINFALL INDICES IN PENINSULAR MALAYSIA. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2	2
2	Probability Structure and Return Period of Multiday Monsoon Rainfall. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016 , 21, 04015048	1.8	6
1	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