

Wan Nor Azmin Sulaiman

List of Publications by Year in descending order

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36
papers

1,550
citations

516215

16
h-index

433756

31
g-index

36
all docs

36
docs citations

36
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	An artificial neural network model for flood simulation using GIS: Johor River Basin, Malaysia. <i>Environmental Earth Sciences</i> , 2012, 67, 251-264.	1.3	472
2	Application of probabilistic-based frequency ratio model in groundwater potential mapping using remote sensing data and GIS. <i>Arabian Journal of Geosciences</i> , 2014, 7, 711-724.	0.6	249
3	A knowledge-driven GIS modeling technique for groundwater potential mapping at the Upper Langat Basin, Malaysia. <i>Arabian Journal of Geosciences</i> , 2013, 6, 1621-1637.	0.6	229
4	Identification of the Hydrogeochemical Processes in Groundwater Using Classic Integrated Geochemical Methods and Geostatistical Techniques, in Amol-Babol Plain, Iran. <i>Scientific World Journal, The</i> , 2014, 2014, 1-15.	0.8	85
5	Assessment of groundwater vulnerability to anthropogenic pollution and seawater intrusion in a small tropical island using index-based methods. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1512-1533.	2.7	68
6	Application of geographic information system technique and analytical hierarchy process model for land-use suitability analysis on coastal area. <i>Journal of Coastal Conservation</i> , 2013, 17, 1-10.	0.7	50
7	Quantification of Runoff as Influenced by Morphometric Characteristics in a Rural Complex Catchment. <i>Earth Systems and Environment</i> , 2018, 2, 145-162.	3.0	42
8	Long-Term Hydrologic Impact Assessment of Non-point Source Pollution Measured Through Land Use/Land Cover (LULC) Changes in a Tropical Complex Catchment. <i>Earth Systems and Environment</i> , 2018, 2, 67-84.	3.0	35
9	Groundwater resources assessment using integrated geophysical techniques in the southwestern region of Peninsular Malaysia. <i>Arabian Journal of Geosciences</i> , 2013, 6, 4129-4144.	0.6	28
10	An overview of groundwater chemistry studies in Malaysia. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7231-7249.	2.7	26
11	Relationship between design floods and land use land cover (LULC) changes in a tropical complex catchment. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	26
12	Groundwater and surface-water utilisation using a bank infiltration technique in Malaysia. <i>Hydrogeology Journal</i> , 2014, 22, 543-564.	0.9	24
13	Groundwater irrigation quality mapping using geostatistical techniques in Amol-Babol Plain, Iran. <i>Arabian Journal of Geosciences</i> , 2015, 8, 961-976.	0.6	23
14	An overview assessment of the effectiveness and global popularity of some methods used in measuring riverbank filtration. <i>Journal of Hydrology</i> , 2017, 550, 497-515.	2.3	22
15	Factors Controlling the Suspended Sediment Yield During Rainfall Events of Dry and Wet Weather Conditions in A Tropical Urban Catchment. <i>Water Resources Management</i> , 2015, 29, 4519-4538.	1.9	18
16	Analysis of meander evolution studies on effect from land use and climate change at the upstream reach of the Pahang River, Malaysia. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1319-1334.	1.0	17
17	A Preliminary Appraisal of the Effect of Pumping on Seawater Intrusion and Upconing in a Small Tropical Island Using 2D Resistivity Technique. <i>Scientific World Journal, The</i> , 2014, 2014, 1-11.	0.8	16
18	Development of lag time and time of concentration for a tropical complex catchment under the influence of long-term land use/land cover (LULC) changes. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	14

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19	Long-term runoff dynamics assessment measured through land use/cover (LULC) changes in a tropical complex catchment. <i>Environment Systems and Decisions</i> , 2019, 39, 16-33.	1.9	12
20	Conjunctive use of surface water and groundwater via the bank infiltration method. <i>Arabian Journal of Geosciences</i> , 2014, 7, 3731-3753.	0.6	11
21	Assessments of seasonal groundwater recharge and discharge using environmental stable isotopes at Lower Muda River Basin, Malaysia. <i>Applied Water Science</i> , 2018, 8, 1.	2.8	11
22	Vertical hydraulic conductivity of riverbank and hyporheic zone sediment at Muda River riverbank filtration site, Malaysia. <i>Applied Water Science</i> , 2019, 9, 1.	2.8	10
23	Applying the scores of multivariate statistical analyses to characterize the relationships between the hydrochemical properties and groundwater conditions in respect of the monsoon variation in Kapas Island, Terengganu, Malaysia. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	9
24	Geochemical characteristic and water quality index of groundwater and surface water at Lower River Muda Basin, Malaysia. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	9
25	Particle tracking analysis of river-aquifer interaction via bank infiltration techniques. <i>Environmental Earth Sciences</i> , 2014, 72, 3129-3142.	1.3	8
26	Multi-Objective Based Approach for Groundwater Quality Monitoring Network Optimization. <i>Water Resources Management</i> , 2015, 29, 5141-5156.	1.9	7
27	Discriminant analysis for the prediction of sand mass distribution in an urban stormwater holding pond using simulated depth average flow velocity data. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 191.	1.3	7
28	Laboratory simulation of LNAPL spills and remediation in unsaturated porous media using the image analysis technique: A review. , 2011, , .		6
29	Groundwater Condition and Management in Kano Region, Northwestern Nigeria. <i>Hydrology</i> , 2018, 5, 16.	1.3	6
30	Using particle tracking as a tool sustainable bank infiltration techniques: a case study in an alluvial area. <i>Arabian Journal of Geosciences</i> , 2015, 8, 1571-1590.	0.6	5
31	Hydrologic response characteristics of a tropical catchment to land use changes: a case study of The Nerus catchment. <i>Environmental Earth Sciences</i> , 2015, 73, 7533-7545.	1.3	2
32	Discriminant analysis for the prediction of sand mass distribution in a holding pond using deposition thickness model of a single grain-sized particle. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	1
33	Prediction of sand mass and organic matter distribution via in situ measured wet sediment bulk density profile. <i>Urban Water Journal</i> , 2017, 14, 1075-1082.	1.0	1
34	An overview of climate change and variability impact studies in Nigeria. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	1
35	Hydraulic Parameters Estimation Using 2D Resistivity Technique: A Case Study in Kapas Island, Malaysia. <i>Advances in Science, Technology and Innovation</i> , 2019, , 245-248.	0.2	0
36	Numerical Simulation of Groundwater and Surface Water Interaction and Particle Tracking Movement Due to the Effect of Pumping Abstraction of Lower Muda River. <i>Advances in Science, Technology and Innovation</i> , 2019, , 249-252.	0.2	0