

Mohammad Firuz Ramli

List of Publications by Citations

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

66

papers

1,859

citations

24

h-index

42

g-index

67

ext. papers

2,288

ext. citations

3.4

avg, IF

5

L-index

#	Paper	IF	Citations
66	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	1.8	182
65	Artificial neural network modeling of the water quality index for Kinta River (Malaysia) using water quality variables as predictors. <i>Marine Pollution Bulletin</i> , 2012 , 64, 2409-20	6.7	176
64	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	1.8	164
63	The simulation and prediction of spatio-temporal urban growth trends using cellular automata models: A review. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016 , 52, 380-389	7.3	131
62	Improving the capability of an integrated CA-Markov model to simulate spatio-temporal urban growth trends using an Analytical Hierarchy Process and Frequency Ratio. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017 , 59, 65-78	7.3	92
61	Lineament mapping and its application in landslide hazard assessment: a review. <i>Bulletin of Engineering Geology and the Environment</i> , 2010 , 69, 215-233	4	67
60	Characterization of spatial patterns in river water quality using chemometric pattern recognition techniques. <i>Marine Pollution Bulletin</i> , 2012 , 64, 688-98	6.7	66
59	Evaluation of factors influencing the groundwater chemistry in a small tropical island of Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 1861-81	4.6	58
58	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, 419058	2.2	57
57	Classification of River Water Quality Using Multivariate Analysis. <i>Procedia Environmental Sciences</i> , 2015 , 30, 79-84		56
56	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, 1512-33	5.1	55
55	River water quality assessment using environmental techniques: case study of Jakara River Basin. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 5630-44	5.1	50
54	Groundwater Quality Assessment for Sustainable Drinking and Irrigation. <i>Sustainability</i> , 2020 , 12, 177	3.6	45
53	GIS-based integrated evaluation of environmentally sensitive areas (ESAs) for land use planning in Langkawi, Malaysia. <i>Ecological Indicators</i> , 2016 , 61, 293-308	5.8	40
52	Spatiotemporal variation of groundwater quality using integrated multivariate statistical and geostatistical approaches in Amol-Babol Plain, Iran. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 5797-815	3.1	39
51	Urban heat evolution in a tropical area utilizing Landsat imagery. <i>Atmospheric Research</i> , 2016 , 167, 175-182	3.2	33
50	Land Suitability Analysis of Urban Growth in Seremban Malaysia, Using GIS Based Analytical Hierarchy Process. <i>Procedia Engineering</i> , 2017 , 198, 1128-1136		32

49	An integrated assessment of seawater intrusion in a small tropical island using geophysical, geochemical, and geostatistical techniques. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 7047-7064	5.1	31
48	Development of the models to estimate particulate matter from thermal infrared band of Landsat Enhanced Thematic Mapper. <i>International Journal of Environmental Science and Technology</i> , 2013 , 10, 1245-1254	3.3	31
47	Hydrogeochemistry and groundwater quality assessment of the multilayered aquifer in Lower Kelantan Basin, Kelantan, Malaysia. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	30
46	Measuring Land Cover Change in Seremban, Malaysia Using NDVI Index. <i>Procedia Environmental Sciences</i> , 2015 , 30, 238-243		28
45	Assessment of drivers of coastal land use change in Malaysia. <i>Ocean and Coastal Management</i> , 2012 , 67, 113-123	3.9	28
44	Surface water quality contamination source apportionment and physicochemical characterization at the upper section of the Jakara Basin, Nigeria. <i>Arabian Journal of Geosciences</i> , 2013 , 6, 4903-4915	1.8	24
43	Coupling of DEM and remote-sensing-based approaches for semi-automated detection of regional geostructural features in Zagros mountain, Iran. <i>Arabian Journal of Geosciences</i> , 2013 , 6, 91-99	1.8	24
42	Artificial neural network modeling of the water quality index using land use areas as predictors. <i>Water Environment Research</i> , 2015 , 87, 99-112	2.8	18
41	Spatial-temporal variation of surface water quality in the downstream region of the Jakara River, north-western Nigeria: A statistical approach. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012 , 47, 1551-60	2.3	18
40	Groundwater irrigation quality mapping using geostatistical techniques in AmolBabol Plain, Iran. <i>Arabian Journal of Geosciences</i> , 2015 , 8, 961-976	1.8	17
39	Monitoring and assessment of urban growth patterns using spatio-temporal built-up area analysis. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 156	3.1	17
38	Estimating solar radiation using NOAA/AVHRR and ground measurement data. <i>Atmospheric Research</i> , 2018 , 199, 93-102	5.4	17
37	Accuracy assessment of moderate resolution image spectroradiometer products for dust storms in semiarid environment. <i>International Journal of Environmental Science and Technology</i> , 2011 , 8, 373-380	3.3	16
36	Groundwater quality assessment using integrated geochemical methods, multivariate statistical analysis, and geostatistical technique in shallow coastal aquifer of Terengganu, Malaysia. <i>Arabian Journal of Geosciences</i> , 2017 , 10, 1	1.8	15
35	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	6	15
34	Landslides and lineament mapping along the Simpang Pulai to Kg Raja highway, Malaysia. <i>International Journal of Remote Sensing</i> , 2011 , 32, 4089-4105	3.1	15
33	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, 796425	2.2	14
32	An overview of groundwater chemistry studies in Malaysia. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 7231-7249	5.1	12

31	Temporal flood incidence forecasting for Segamat River (Malaysia) using autoregressive integrated moving average modelling. <i>Journal of Flood Risk Management</i> , 2018 , 11, S794-S804	3.1	12
30	Evidence of climate variability from rainfall and temperature fluctuations in semi-arid region of the tropics. <i>Atmospheric Research</i> , 2019 , 224, 52-64	5.4	11
29	Statistical Approach in Determining the Spatial Changes of Surface Water Quality at the Upper Course of Kano River, Nigeria. <i>Water Quality, Exposure, and Health</i> , 2014 , 6, 127-142		10
28	Temporal aspects of surface water quality variation using robust statistical tools. <i>Scientific World Journal, The</i> , 2012 , 2012, 294540	2.2	10
27	Selection criteria using the Delphi method for siting an integrated hazardous waste disposal facility in Malaysia. <i>Journal of Environmental Planning and Management</i> , 2013 , 56, 512-530	2.8	8
26	Lineament mapping in a tropical environment using Landsat imagery. <i>International Journal of Remote Sensing</i> , 2009 , 30, 6277-6300	3.1	8
25	Urban tree composition, diversity and structural characteristics in North-western Nigeria. <i>Urban Forestry and Urban Greening</i> , 2020 , 48, 126512	5.4	8
24	Multi-Objective Based Approach for Groundwater Quality Monitoring Network Optimization. <i>Water Resources Management</i> , 2015 , 29, 5141-5156	3.7	7
23	A GIS-index integration approach to groundwater suitability zoning for irrigation purposes. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	7
22	Hydrochemical Assessment of Surfacewater and Groundwater Quality at Bank Infiltration Site. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 136, 012073	0.4	7
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	5	7
20	Runoff irregularities, trends, and variations in tropical semi-arid river catchment. <i>Journal of Hydrology: Regional Studies</i> , 2018 , 19, 335-348	3.6	6
19	Tropical deforestation monitoring using NDVI from MODIS satellite: a case study in Pahang, Malaysia. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 169, 012047	0.3	6
18	Geochemometric approach to groundwater quality and health risk assessment of heavy metals of Yankari Game Reserve and its environs, Northeast Nigeria. <i>Journal of Cleaner Production</i> , 2022 , 330, 129916	1.03	5
17	Vertical hydraulic conductivity of riverbank and hyporheic zone sediment at Muda River riverbank filtration site, Malaysia. <i>Applied Water Science</i> , 2019 , 9, 1	5	5
16	Forecasting of Groundwater Level using Artificial Neural Network by incorporating river recharge and river bank infiltration. <i>MATEC Web of Conferences</i> , 2017 , 103, 04007	0.3	4
15	Water quality assessment and analysis of spatial patterns and temporal trends. <i>Water Environment Research</i> , 2013 , 85, 751-66	2.8	4
14	Open source geographical resources analysis support system (GRASS) for landslide hazard assessment. <i>Disaster Prevention and Management</i> , 2005 , 14, 522-532	1.5	4

13	Best band combination for landslide studies in temperate environments. <i>International Journal of Remote Sensing</i> , 2006 , 27, 1219-1231	3.1	3
12	Surface water resources management along Hadejia River Basin, northwestern Nigeria. <i>H2Open Journal</i> , 2019 , 2, 184-199	1.4	2
11	Spatiotemporal Variations in Groundwater Chemistry of a Small Tropical Island Using Graphical and Geochemical Models. <i>Procedia Environmental Sciences</i> , 2015 , 30, 358-363		2
10	Identifying Effecting Factors and Landslide Mapping of Cameron Highland Malaysia 2013 ,		2
9	MONTHLY ANALYSIS OF PM10 IN AMBIENT AIR OF KLANG VALLEY, MALAYSIA. <i>Malaysian Journal of Analytical Sciences</i> , 2016 , 20, 1159-1170	1	2
8	The application of digital elevation model for the interpretation of Klang Valley geological structure. <i>Disaster Prevention and Management</i> , 2009 , 18, 504-510	1.5	1
7	Hydrochemical characteristics and identification of groundwater pollution sources in tropical savanna.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
6	Groundwater Yield Modeling in the Floodplain of Hadejia, Northwestern Nigeria. <i>Hydrospatial Analysis</i> , 2020 , 4, 29-39	1	1
5	The Impact of Sociological and Environmental Factors for Dengue Infection in Kuala Lumpur, Malaysia. <i>Acta Tropica</i> , 2021 , 216, 105834	3.2	1
4	Exploring urban tree diversity and carbon stocks in Zaria Metropolis, North Western Nigeria. <i>Applied Geography</i> , 2021 , 127, 102385	4.4	1
3	Detection and prediction of land use change impact on the streamflow regime in Sahelian river basin, northwestern Nigeria. <i>H2Open Journal</i> , 2021 , 4, 92-113	1.4	0
2	An overview of climate change and variability impact studies in Nigeria. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	
1	Temporal patterns and source apportionment of nitrate-nitrogen leaching in a paddy field at Kelantan, Malaysia. <i>Pakistan Journal of Biological Sciences</i> , 2013 , 16, 1524-30	0.8	