Ahamad Mohd Sanusi S

List of Publications by Year
in descending order

37 papers	767 citations	759233 12 h-index	642732 23 g-index
39 all docs	39 docs citations	39 times ranked	881 citing authors

#	Article	IF	Citations
1	First and second order Markov chain models for synthetic generation of wind speed time series. Energy, 2005, 30, 693-708.	8.8	294
2	Spatio-temporal simulation and prediction of land-use change using conventional and machine learning models: a review. Environmental Monitoring and Assessment, 2019, 191, 205.	2.7	80
3	Multiple Linear Regression Model for Total Bed Material Load Prediction. Journal of Hydraulic Engineering, 2006, 132, 521-528.	1.5	58
4	Applications of AnnAGNPS model for soil loss estimation and nutrient loading for Malaysian conditions. International Journal of Applied Earth Observation and Geoinformation, 2008, 10, 239-252.	2.8	53
5	Flood risk mapping for Pari River incorporating sediment transport. Environmental Modelling and Software, 2003, 18, 119-130.	4.5	48
6	Markov CA, Multi Regression, and Multiple Decision Making for Modeling Historical Changes in Kirkuk City, Iraq. Journal of the Indian Society of Remote Sensing, 2014, 42, 165-178.	2.4	39
7	Texture analysis of IKONOS satellite imagery for urban land use and land cover classification. Imaging Science Journal, 2010, 58, 163-170.	0.5	30
8	A temporal change study of the Muda River system over 22 years. International Journal of River Basin Management, 2010, 8, 25-37.	2.7	26
9	Spatial effect of new municipal solid waste landfill siting using different guidelines. Waste Management and Research, 2014, 32, 24-33.	3.9	22
10	Markov-CA model using analytical hierarchy process and multiregression technique. IOP Conference Series: Earth and Environmental Science, 2014, 20, 012008.	0.3	19
11	GIS modelling for new landfill sites: critical review of employed criteria and methods of selection criteria. IOP Conference Series: Earth and Environmental Science, 2016, 37, 012053.	0.3	13
12	STATISTICAL EVALUATION OF PRE-SELECTION CRITERIA FOR INDUSTRIALIZED BUILDING SYSTEM (IBS). Journal of Civil Engineering and Management, 2014, 19, S131-S140.	3.5	12
13	Hedonic Pricing Model for Real Property Valuation via GIS - A Review. Civil and Environmental Engineering Reports, 2019, 29, 34-47.	0.3	11
14	APPLICATION OF TOPSIS METHOD IN PRIORITIZATION OF HIGHWAY BRIDGES FOR SEISMIC RETROFITTING. Engineering Structures and Technologies, 2014, 6, 114-123.	0.1	6
15	Land evaluation suitability for settlement based on soil permeability, topography and geology ten years after tsunami in Banda Aceh, Indonesia. Egyptian Journal of Remote Sensing and Space Science, 2015, 18, 207-215.	2.0	6
16	GIS Modeling for Landfill Site Selection via Multi-Criteria Decision Analysis. , 2017, , .		6
17	A Comprehensive Review of Environmental, Physical and Socio-Economic (EPSE) Criteria for Spatial Site Selection of Landfills in Malaysia. Applied Mechanics and Materials, 0, 802, 412-418.	0.2	5
18	Simulating and monitoring future land-use trends using CA-Markov and LCM models. IOP Conference Series: Earth and Environmental Science, 0, 169, 012050.	0.3	5

#	Article	IF	Citations
19	A NEW FRAMEWORK FOR GEOSPATIAL SITE SELECTION USING ARTIFICIAL NEURAL NETWORKS AS DECISION RULES: A CASE STUDY ON LANDFILL SITES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-2/W2, 131-138.	0.0	5
20	The Industrialized Building System (IBS) Survey Report 2008--Educating the Malaysian Construction Industry. , 2010, , .		4
21	Enhanced Fuzzy-OWA model for municipal solid waste landfill site selection. AIP Conference Proceedings, 2017, , .	0.4	3
22	Flood risk map (case study in Kelantan). IOP Conference Series: Earth and Environmental Science, 2019, 244, 012019.	0.3	3
23	Comprehensive Spatial Criteria and Parameters for Sustainable Landfill Site Selection. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012071.	0.3	3
24	GIS DATA COLLECTION FOR PEDESTRIAN FACILITIES AND FURNITURE USING MAPINR FOR ANDROID. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 89-95.	0.2	3
25	Automating an integrated spatial data-mining model for landfill site selection. AIP Conference Proceedings, 2017, , .	0.4	2
26	Framework for developing a spatial walkability index (SWI) for the light-rail transit (LRT) stations in Kuala Lumpur city centre using analytical network process (ANP) and GIS. AIP Conference Proceedings, 2017, , .	0.4	2
27	OPTIMIZING PEDESTRIAN-FRIENDLY WALKING PATH FOR THE FIRST AND LAST MILE TRANSIT JOURNEY BY USING THE ANALYTICAL NETWORK PROCESS (ANP) DECISION MODEL AND GIS NETWORK ANALYSIS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W5, 137-144.	0.2	2
28	Digital Analysis of Geo-Referenced Concrete Scanning Electron Microscope (SEM) Images. Civil and Environmental Engineering Reports, 2020, 30, 65-79.	0.3	2
29	Pedestrian-attractiveness score for the first/last mile transit route using spatial data collected with a mobile positioning application. , 2017, , .		1
30	Multiple criteria landfill site selection method incorporating the NIMBY factors. AIP Conference Proceedings, 2017, , .	0.4	1
31	APPLYING AN INTEGRATED ROUTE OPTIMIZATION METHOD AS A SOLUTION TO THE PROBLEM OF WASTE COLLECTION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 103-110.	0.2	1
32	Application of Geographic Information Systems (GIS) in the Multi Criteria Site Selection of Retention Pond for Urban Rainwater Management. Lecture Notes in Civil Engineering, 2020, , 317-330.	0.4	1
33	Sustainable GIS Based-ANN's Solution for Landfill Suitability Analysis. Applied Mechanics and Materials, 0, 802, 537-542.	0.2	0
34	Quantitative workflow based on NN for weighting criteria in landfill suitability mapping. AIP Conference Proceedings, 2017, , .	0.4	0
35	Creating Multiple Seasons Spatial Model (Maps) to Improve and Habilitate the Marshes Area in Southern Iraq. IOP Conference Series: Materials Science and Engineering, 2018, 401, 012014.	0.6	0
36	A wind hazard study using the spatial modelling approach. IOP Conference Series: Earth and Environmental Science, 2019, 244, 012004.	0.3	0

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37	SPATIAL DATA MINING TOOLBOX FOR MAPPING SUITABILITY OF LANDFILL SITES USING NEURAL NETWORKS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W1, 199-208.	0.2	0