

Amiruddin Bin Ismail

List of Publications by Year in descending order

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108
papers

1,201
citations

430442

18
h-index

476904

29
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111
all docs

111
docs citations

111
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender and Age Do Matter: Exploring the Effect of Passengers' Gender and Age on the Perception of Light Rail Transit Service Quality in Kuala Lumpur, Malaysia. <i>Sustainability</i> , 2021, 13, 990.	1.6	15
2	Using simulation model as a tool for analyzing bus service reliability and implementing improvement strategies. <i>PLoS ONE</i> , 2020, 15, e0232799.	1.1	12
3	Title is missing!. , 2020, 15, e0232799.		0
4	Title is missing!. , 2020, 15, e0232799.		0
5	Title is missing!. , 2020, 15, e0232799.		0
6	Title is missing!. , 2020, 15, e0232799.		0
7	Effect of input source energy and measurement of flexible pavement deflection using the SASW method. <i>International Journal of Pavement Engineering</i> , 2019, 20, 382-392.	2.2	3
8	Determining the water damage resistance of nano-clay modified bitumens using the indirect tensile strength and surface free energy methods. <i>Construction and Building Materials</i> , 2018, 167, 391-402.	3.2	39
9	Development of 2D multiphase non-isothermal mass transfer model for DMFC system. <i>Energy</i> , 2018, 152, 263-276.	4.5	22
10	Freeze-thaw performance of base course treated with carboxylated styrene-butadiene emulsion-Portland cement. <i>International Journal of Pavement Engineering</i> , 2018, 19, 1087-1095.	2.2	2
11	Measuring the effects of styrene butadiene copolymer latex-Portland cement additives on properties of stabilized soil-aggregate base. <i>International Journal of Pavement Research and Technology</i> , 2018, 11, 458-469.	1.3	8
12	Case study of the behavioural intentions of public transportation passengers in Kuala Lumpur. <i>Case Studies on Transport Policy</i> , 2018, 6, 462-474.	1.1	47
13	Early age shrinkage cracking of restrained metakaolin-slag-palm oil fuel ash binder geopolymer mortars. <i>Journal of Sustainable Cement-Based Materials</i> , 2018, 7, 271-295.	1.7	9
14	The Effects of Delays in Road Construction Projects in Tripoli, Libya. <i>International Journal of Technology</i> , 2018, 9, 766.	0.4	4
15	Effects on engineering properties of cement-treated road base with slow setting bitumen emulsion. <i>International Journal of Pavement Engineering</i> , 2017, 18, 202-215.	2.2	16
16	Application of carboxylated styrene-butadiene emulsion-Portland cement mixture as road base material. <i>International Journal of Pavement Engineering</i> , 2017, 18, 1070-1080.	2.2	0
17	Enhancing mortar strengths by ternary geopolymer binder of metakaolin, slag, and palm ash. <i>International Journal of Building Pathology and Adaptation</i> , 2017, 35, 438-455.	0.7	13
18	The performance of Epoxidised Natural Rubber modified asphalt using nano-alumina as additive. <i>Construction and Building Materials</i> , 2017, 155, 680-687.	3.2	44

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19	Evaluation of elevated temperature properties of asphalt cement modified with aluminum oxide and calcium carbonate nanoparticles. IOP Conference Series: Materials Science and Engineering, 2017, 236, 012008.	0.3	6
20	Evaluation of permanent deformation and durability of epoxidized natural rubber modified asphalt mix. IOP Conference Series: Materials Science and Engineering, 2017, 236, 012015.	0.3	1
21	An Exploration on the Developing of Expert System in Transport Engineering. MATEC Web of Conferences, 2017, 103, 09014.	0.1	0
22	Performance evaluation of Al ₂ O ₃ nanoparticle-modified asphalt binder. Road Materials and Pavement Design, 2017, 18, 1251-1268.	2.0	46
23	Engineering characterisation of epoxidized natural rubber-modified hot-mix asphalt. PLoS ONE, 2017, 12, e0171648.	1.1	18
24	Potential of Coconut Shell Replacement as Coarse Aggregate in Hot Mix Asphalt. Jurnal Kejuruteraan, 2017, S, 77-81.	0.2	0
25	Calibrating and Modelling of Statistical Delay for Signalized Intersections at Al-Nasiriyah City in Iraq. Jurnal Kejuruteraan, 2017, 29, 23-34.	0.2	1
26	Development of Roundabout Delay Models Using Traffic Simulation Programs: A Case Study at Al-Mansour City, Iraq. Jurnal Kejuruteraan, 2017, 29, 97-103.	0.2	3
27	CHARACTERIZATION OF THE PERFORMANCE OF ALUMINUM OXIDE NANOPARTICLES MODIFIED ASPHALT BINDER. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	6
28	STUDY ON THE EFFECTS OF RECEIVER DISTANCE, HEIGHT AND MASS OF DROPPING STEEL BALLS ON SASW TEST RESULTS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
29	Determining the effects of aging on halloysite nano-tube modified binders through the pull-off test method. Construction and Building Materials, 2016, 126, 245-252.	3.2	19
30	Performance evaluation of road base stabilized with styrene-butadiene copolymer latex and Portland cement. International Journal of Pavement Research and Technology, 2016, 9, 321-336.	1.3	28
31	Investigation of the relationship between fluidity and adhesion strength of unmodified and modified bitumens using the pull-off test method. Construction and Building Materials, 2016, 122, 140-148.	3.2	18
32	Rheological Evaluation of Asphalt Cements Modified with ASA Polymer and Al ₂ O ₃ Nanoparticles. Procedia Engineering, 2016, 143, 1276-1284.	1.2	36
33	Rheological characteristics of unaged and aged epoxidised natural rubber modified asphalt. Construction and Building Materials, 2016, 102, 190-199.	3.2	47
34	The Impact of Intelligent Transport System Quality: Drivers' Acceptance Perspective. International Journal of Technology, 2016, 7, 553.	0.4	11
35	Evaluation of Asphalt Pavement at Airport Using Seismic Technique. , 2016, , .		0
36	Investigation on the physical and rheological properties of acrylate-styrene-acrylonitrile polymer and nano aluminum oxide modified asphalt binders nano aluminum oxide modified asphalt binders. , 2015, , 81-87.		1

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37	Freeze-Thaw Performance and Moisture-Induced Damage Resistance of Base Course Stabilized with Slow Setting Bitumen Emulsion-Portland Cement Additives. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-10.	1.0	2
38	Evaluating the Performance of Traffic Flow in Four Intersections and Two Roundabouts in Petaling Jaya and Kuala Lumpur Using Sidra 4.0 Software. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 72, .	0.3	3
39	A Study of Fuel Price Increase and Its Influence on Selection of Mode of Transports. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 72, .	0.3	1
40	Physical and rheological properties of acrylate-“styrene”acrylonitrile modified asphalt cement. <i>Construction and Building Materials</i> , 2015, 93, 326-334.	3.2	28
41	Expert System on Selection of Mobility Management Strategies towards Implementing Active Transport. <i>Procedia, Social and Behavioral Sciences</i> , 2015, 195, 2896-2904.	0.5	9
42	Evaluation of cement-treated mixtures with slow setting bitumen emulsion as base course material for road pavements. <i>Construction and Building Materials</i> , 2015, 94, 323-336.	3.2	28
43	Evaluating the Effect of Mixing Process on Nano-Clay Modified Binders Using the Pull-Off Test Method. <i>Applied Mechanics and Materials</i> , 2015, 802, 357-362.	0.2	4
44	Development of Simulation Model to Improve Bus Service Reliability at High-Frequency Operation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.3	1
45	Pemodelan Hubungan Antara Kualiti Perkhidmatan, Kesan Alam Sekitar, Sikap dan Keinginan untuk Menggunakan Park-and-Ride. <i>Jurnal Kejuruteraan</i> , 2015, 27, 63-70.	0.2	8
46	Study on Drivers’™ Behaviour Relationships to Reduce Road Accidents in Puchong, Selangor Darul Ehsan. <i>Jurnal Kejuruteraan</i> , 2015, 27, 81-85.	0.2	9
47	Short-term Effects of Applying Carboxylated Styrene Butadiene Emulsion-portland Cement Mixture on Road Base Construction. <i>Journal of Applied Sciences</i> , 2015, 15, 1266-1277.	0.1	4
48	Modelling of Transportation Policies to Encourage Shifting from Private Car to the Public Transport Usage in Putrajaya. <i>Jurnal Kejuruteraan</i> , 2015, 27, 15-21.	0.2	0
49	Application of Transyt-7f on Signalized Road Junction Networks in Shah Alam and Petaling Jaya. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.3	6
50	Predicting the Use of Public Transportation: A Case Study from Putrajaya, Malaysia. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	0.8	40
51	A Study on Non-Motorised (NMT) Activities for Urban Environment. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 290-295.	0.1	3
52	Comparison of Conventional and Modern Urban Public Transport Systems. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 791-794.	0.1	1
53	Public Transport System in Local City and Rural Area: Comparative Study Between Malaysia and Japan. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.3	4
54	Bus Rapid Transit (BRT) System Impacts to Environmental Quality. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014, 7, 1344-1350.	0.1	0

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55	An Overview of Interchanges and Ramps in Case of Sabzevar. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 1163-1166.	0.1	1
56	An Overview of Staged-bus Operation in Cities. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 1133-1137.	0.1	0
57	Developing a Model for Planting Trees Along the Walkway. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.3	0
58	Knowledge of Traffic Laws and Drivers Behavior on the Roads of Tripoli City, Libya. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 2040-2045.	0.1	3
59	Attitudes and Awareness of Traffic Safety among Drivers in Tripoli-Libya. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 5297-5303.	0.1	9
60	A Review of Strategies to Implement Sustainable Urban Transportation Options in Malaysia. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.3	0
61	Effect of styrene-butadiene copolymer latex on properties and durability of road base stabilized with Portland cement additive. Construction and Building Materials, 2014, 68, 740-749.	3.2	38
62	Physical and rheological properties of epoxidized natural rubber modified bitumens. Construction and Building Materials, 2014, 63, 242-248.	3.2	73
63	Development of Bicycle Shift Models in Universiti Kebangsaan Malaysia Campus. Jurnal Kejuruteraan, 2014, 26, 69-76.	0.2	3
64	An Educational Knowledge-based System For Civil Engineering Students in Cement Concrete Construction Problems. Procedia, Social and Behavioral Sciences, 2013, 102, 311-319.	0.5	6
65	A DIAGNOSTIC EXPERT SYSTEM TO OVERCOME CONSTRUCTION PROBLEMS IN RIGID HIGHWAY PAVEMENT. Journal of Civil Engineering and Management, 2013, 19, 846-861.	1.9	8
66	Expert System to Control Construction Problems in Flexible Pavements. Computer-Aided Civil and Infrastructure Engineering, 2013, 28, 307-323.	6.3	19
67	Bitumen-cement Stabilized Layer in Pavement Construction Using Indirect Tensile Strength (ITS) Method. Research Journal of Applied Sciences, Engineering and Technology, 2013, 5, 5652-5656.	0.1	7
68	The Potentials of Portland Cement and Bitumen Emulsion Mixture on Soil Stabilization in Road Base Construction. Jurnal Teknologi (Sciences and Engineering), 2013, 65, .	0.3	10
69	Kesan Masa Perjalanan Bas dan Bayaran Tempat Letak Kereta Terhadap Penggunaan Pengangkutan Awam di Putrajaya. Jurnal Teknologi (Sciences and Engineering), 2013, 61, .	0.3	1
70	The Comparison of Mode Choice Sensitivity to the Reduction of Travel Time and Cost in Multimodal Trip. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 1680-1684.	0.1	2
71	Switching Model for Private Vehicles to Public Transportation System in Case of Sana'a. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 2366-2372.	0.1	4
72	An Overview of Urban Transport in Sana'a (Yemen). Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 2773-2776.	0.1	3

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73	Comparison between Mixtures of Asphalt with Palm Oil Shells and Coconut Shells as Additives. Jurnal Kejuruteraan, 2013, 25, 25-31.	0.2	5
74	An Investigation of Procedures of Change Ordersâ€™ Control in Roadway Construction Projects. Advanced Materials Research, 2012, 446-449, 3778-3781.	0.3	1
75	Briefing: Study of the relationship between stiffness parameters for base materials. Proceedings of the Institution of Civil Engineers: Transport, 2012, 165, 159-165.	0.3	3
76	Variables communalities and dependence to factors of street system, density, and mixed land use in sustainable site design. Sustainable Cities and Society, 2012, 3, 46-53.	5.1	13
77	Causes and Effects of Delay in Iranian Construction Projects. International Journal of Engineering and Technology, 2012, 4, 598-601.	0.1	34
78	Comparative Analysis of Fare Collection System on Bus Operations. Journal of Applied Sciences, 2012, 12, 393-397.	0.1	11
79	Implementing Specific Lane Length on Bus Route for Operation Delays Reduction. Journal of Applied Sciences, 2012, 12, 2077-2081.	0.1	6
80	Bus Scheduling Model for Adjustment Headway of Bus Carriers. Applied Mechanics and Materials, 2011, 97-98, 911-915.	0.2	7
81	Mass and heat transport in direct methanol fuel cells. Journal of Power Sources, 2011, 196, 9847-9855.	4.0	15
82	Study Behaviour of Passengers on Transit Operation. Applied Mechanics and Materials, 2011, 97-98, 1154-1157.	0.2	8
83	Analysis of Asphalt Pavement under Nonuniform Tire-pavement Contact Stress using Finite Element Method. Journal of Applied Sciences, 2011, 11, 2562-2569.	0.1	6
84	Transportation and its Concerns in Africa: A Review. Social Sciences, 2011, 6, 51-63.	0.0	20
85	Calculate the Real Total Float for the Activities in a Project. American Journal of Applied Sciences, 2011, 8, 192-200.	0.1	0
86	ICT and Diversity in Learnersâ€™ Attitude on Smart School Initiative. Procedia, Social and Behavioral Sciences, 2010, 7, 728-737.	0.5	9
87	The Importance of Student's Views Regarding Educational Change. Procedia, Social and Behavioral Sciences, 2010, 7, 738-744.	0.5	4
88	Using of Value Engineering in Main Road Construction. Journal of Applied Sciences, 2010, 10, 2950-2953.	0.1	4
89	Long Term Simulation of Groundwater Situation in Murauk Basin due to Great-Man Made Project Pumping in Libya. , 2010, , .		0
90	Route Choice Decision based on Real Time Information. Journal of Applied Sciences, 2010, 10, 2304-2309.	0.1	4

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91	Signal reconstruction of surface waves on SASW measurement using Gaussian Derivative wavelet transform. <i>Acta Geophysica</i> , 2009, 57, 616-635.	1.0	7
92	Rapid Prototyping Expert Systems for Minimising River Pollution During Highway Construction Activities. <i>Journal of Applied Sciences</i> , 2009, 9, 2280-2286.	0.1	3
93	Study of Sand Characteristics as Bearing and Filler in Joint of Inter-locking Concrete Block Pavement. <i>Jurnal Kejuruteraan</i> , 2009, 21, 33-42.	0.2	0
94	Utilization of Value Engineering to Optimize Concreting Productivity. <i>Journal of Applied Sciences</i> , 2008, 8, 3479-3484.	0.1	4
95	Approach to Analyze Risk Factors for Construction Projects Utilizing Fuzzy Logic. <i>Journal of Applied Sciences</i> , 2008, 8, 3738-3742.	0.1	17
96	A model of driver's lane-changing behaviour at an urban signalised intersection. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2007, 7, 2150029-2150030.	0.2	1
97	An evaluation of test statistics for detecting temporary change in $BI(1,1,1,1)$ models. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2007, 7, 2030041-2030042.	0.2	0
98	Effect of Transportation Policies on Modal Shift from Private Car to Public Transport in Malaysia. <i>Journal of Applied Sciences</i> , 2007, 7, 1013-1018.	0.1	78
99	Used Cylinder Oil Modified Cold-Mix Asphalt Concrete. <i>Journal of Applied Sciences</i> , 2007, 7, 3485-3491.	0.1	22
100	Study of Methods for Minimizing Construction Delays: Evidences from a Developing Country. <i>Advanced Materials Research</i> , 0, 201-203, 2939-2942.	0.3	8
101	Identification and Evaluation of Causes and Effects of Change Orders in Building Construction Projects. <i>Applied Mechanics and Materials</i> , 0, 94-96, 2261-2264.	0.2	7
102	Balancing between Headway and Frequency Scheduling for Bus Service. <i>Applied Mechanics and Materials</i> , 0, 97-98, 669-673.	0.2	9
103	Interaction between Bus Stops Location and Traffic on Bus Operation. <i>Applied Mechanics and Materials</i> , 0, 97-98, 1185-1188.	0.2	13
104	Identification of Success Factors in Minimizing Delays on Construction Projects in IAU - Shoushtar Branch - Iran. <i>Applied Mechanics and Materials</i> , 0, 94-96, 2189-2193.	0.2	9
105	The Significant and Acceptable Features of Urban Public Vehicles for Travellers in Terms of Urbanization. <i>Advanced Materials Research</i> , 0, 450-451, 1152-1155.	0.3	0
106	Laboratory Investigation on the Strength Characteristics of Cement-Treated Base. <i>Applied Mechanics and Materials</i> , 0, 507, 353-360.	0.2	36
107	Rheological Characteristics of Epoxidized Natural Rubber Modified Bitumen. <i>Applied Mechanics and Materials</i> , 0, 505-506, 174-179.	0.2	13
108	Evaluation of Durability and Permanent Deformation of Modified Road Base Construction Using Rovene[®] and Portland Cement Additives. <i>Advanced Materials Research</i> , 0, 1089, 228-234.	0.3	1