

Fitri Yakub

List of Publications by Year in descending order

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papers

617
citations

687363

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67
all docs

67
docs citations

67
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Control analysis of vehicle ride comfort through integrated control devices on the quarter and half car active suspension systems. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2021, 235, 1256-1268.	1.9	15
2	Statistical analysis of air-conditioning and total load diversity in typical residential buildings. Bulletin of Electrical Engineering and Informatics, 2021, 10, 1-9.	0.8	4
3	Analysis on electricity use and indoor thermal environment for typical air-conditioning residential buildings in Malaysia. Urban Climate, 2021, 37, 100830.	5.7	14
4	Effectiveness of a Cool Bed Linen for Thermal Comfort and Sleep Quality in Air-Conditioned Bedroom under Hot-Humid Climate. Sustainability, 2021, 13, 9099.	3.2	7
5	Determinant Factors of Electricity Consumption for a Malaysian Household Based on a Field Survey. Sustainability, 2021, 13, 818.	3.2	22
6	A Comparative Assessment for the Archaeological Features Detection Using an Integration of Aerial Remote Sensing and Electrical Resistivity in Sungai Batu, Bujang Valley. Journal of the Indian Society of Remote Sensing, 2021, 49, 2959.	2.4	1
7	Development of an Electrical Energy Consumption Model for Malaysian Households, Based on Techno-Socioeconomic Determinant Factors. Sustainability, 2021, 13, 13258.	3.2	2
8	Seismic Control of a Building Structure Equip with Hybrid Mass Damper Using Sliding Mode Control. Lecture Notes in Mechanical Engineering, 2020, , 146-156.	0.4	1
9	Analysis of Urban Morphological Effect on the Microclimate of the Urban Residential Area of Kampung Baru in Kuala Lumpur Using a Geospatial Approach. Sustainability, 2020, 12, 7301.	3.2	14
10	Assessment of Outdoor Air Temperature with Different Shaded Area within an Urban University Campus in Hot-Humid Climate. Sustainability, 2020, 12, 5741.	3.2	9
11	The Integration of Aerial Sensing and Geophysical Techniques to Identify Buried Archaeological Properties in Sungai Batu, Bujang Valley. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012013.	0.3	2
12	Seismic vibration suppression of a building with an adaptive nonsingular terminal sliding mode control. JVC/Journal of Vibration and Control, 2020, 26, 2136-2147.	2.6	17
13	Effects of Roadside Trees and Road Orientation on Thermal Environment in a Tropical City. Sustainability, 2020, 12, 1053.	3.2	29
14	The parametric instability improvement of fully anisotropic composite plates with embedded shape memory alloy. Advanced Composites Letters, 2020, 29, 2633366X1989940.	1.3	3
15	Effects of Urban Morphology on Microclimate Parameters in an Urban University Campus. Sustainability, 2020, 12, 2962.	3.2	21
16	Affordable retrofitting methods to achieve thermal comfort for a terrace house in Malaysia with a hot-humid climate. Energy and Buildings, 2020, 223, 110072.	6.7	32
17	Energy Consumption Clustering Analysis in Residential Building. Lecture Notes in Mechanical Engineering, 2020, , 436-450.	0.4	2
18	Design, analysis and fabrication of utm hydraulic ram pump for water supply in remote areas. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 213.	0.8	1

#	ARTICLE	IF	CITATIONS
19	Gain Scheduling Model Predictive Path Tracking Controller for Autonomous Vehicle on Highway Scenario. Lecture Notes in Mechanical Engineering, 2020, , 461-473.	0.4	0
20	Effectiveness of free running passive cooling strategies for indoor thermal environments: Example from a two-storey corner terrace house in Malaysia. Building and Environment, 2019, 160, 106214.	6.9	27
21	Full Control of Quadrotor Unmanned Aerial Vehicle using Multivariable Proportional Integral Derivative Controller. , 2019, , .		3
22	Active Control of a Pantograph Mechanism for High Speed Rail System. , 2019, , .		0
23	Investigation of comfort temperature and thermal adaptation for patients and visitors in Malaysian hospitals. Energy and Buildings, 2019, 183, 484-499.	6.7	65
24	Effect of crosswinds on aerodynamic characteristics around a generic train model. International Journal of Rail Transportation, 2019, 7, 23-54.	2.7	7
25	Time series data measurement on electricity consumption for selected domestic appliances in typical terrace house of Malaysia. Bulletin of Electrical Engineering and Informatics, 2019, 8, 1144-1153.	0.8	2
26	Analysis of controllers in suppressing the structural building vibration. Malaysian Journal of Fundamental and Applied Sciences, 2019, 15, 112-116.	0.8	0
27	Vehicle High Speed Stability Analysis through Integrated Control. , 2018, , .		0
28	Analysis of Implementation Control Device in Hybrid Mass Damper System. , 2018, , .		1
29	A Survey of Localization using RSSI and TDoA Techniques in Wireless Sensor Network: System Architecture. , 2018, , .		15
30	Explicit controller of a single truck stability and rollover mitigation. Journal of Mechanical Science and Technology, 2018, 32, 4373-4381.	1.5	5
31	Improvement on Ride Comfort of Quarter-Car Active Suspension System Using Linear Quadratic Regulator. , 2018, , 431-441.		1
32	Enhancing Ride Comfort of Quarter Car Semi-active Suspension System Through State-Feedback Controller. , 2018, , 827-837.		1
33	Conceptual Framework of Modelling for Malaysian Household Electrical Energy Consumption using Artificial Neural Network based on Techno-Socio Economic Approach. International Journal of Electrical and Computer Engineering, 2018, 8, 1844.	0.7	3
34	Improvement of Pitch Motion Control of an Aircraft Systems. Telkomnika (Telecommunication) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 14	0.8	4
35	Performance Comparison of Controllers for Suppressing the Structural Building Vibration. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 537.	0.8	3
36	Numerical estimation of natural ventilation of cubical urban arrays with different packing density. MATEC Web of Conferences, 2017, 111, 01008.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Enhancing the yaw stability and the manoeuvrability of a heavy vehicle in difficult scenarios by an emergency threat avoidance manoeuvre. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2017, 231, 615-637.	1.9	7
38	The effect of changing disk parameters on whirling frequency of high speed rotor system. IOP Conference Series: Materials Science and Engineering, 2017, 270, 012031.	0.6	1
39	Ride comfort quality improvement for a quarter car semi-active suspension system via state-feedback controller. , 2017, , .		3
40	Enhancing the stabilization of aircraft pitch motion control via intelligent and classical method. IOP Conference Series: Materials Science and Engineering, 2017, 270, 012008.	0.6	0
41	Enhancing of nominal characteristic trajectory following control for motion systems. Journal of Systems Engineering and Electronics, 2017, 28, 1221.	2.2	0
42	Short-Term Measurements of Household Electricity Demand During Hot Weather in Kuala Lumpur. International Journal of Electrical and Computer Engineering, 2017, 7, 1436.	0.7	4
43	Study of Model Predictive Control for Path-Following Autonomous Ground Vehicle Control under Crosswind Effect. Journal of Control Science and Engineering, 2016, 2016, 1-18.	1.0	34
44	Enhancing vehicle ride comfort through intelligent based control. , 2016, , .		7
45	Comparative study of MPC and LQC with disturbance rejection control for heavy vehicle rollover prevention in an inclement environment. Journal of Mechanical Science and Technology, 2016, 30, 3835-3845.	1.5	30
46	Comparative study of autonomous path-following vehicle control via model predictive control and linear quadratic control. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2015, 229, 1695-1714.	1.9	78
47	Classical and intelligent based control method for positioning systems. , 2015, , .		0
48	Heavy vehicle stability and rollover prevention through switching model predictive control. , 2015, , .		5
49	Enhancing Path Following Control Performance of Autonomous Ground Vehicle through Coordinated Approach under Disturbance Effect. IEEE Transactions on Electronics, Information and Systems, 2015, 135, 102-110.	0.2	13
50	Model predictive control based on Kautz function for autonomous ground vehicle path following control application. , 2014, , .		1
51	Recent trends for practical rehabilitation robotics, current challenges and the future. International Journal of Rehabilitation Research, 2014, 37, 9-21.	1.3	57
52	Effects of roll dynamics for car stability control by laguerre functions. , 2013, , .		3
53	Considering an elastic scaling model for cloud Security. , 2013, , .		3
54	Rollover prevention with Predictive Control of differential braking and rear wheel steering. , 2013, , .		13

#	ARTICLE	IF	CITATIONS
55	Autonomous car in path following control under side wind effect by laguerre function. , 2013, , .		1
56	Study review on nominal characteristic trajectory following controller for point-to-point positioning systems. , 2012, , .		0
57	Practical Control for Two-Mass Positioning Systems in Presence of Saturation. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2012, 10, .	0.1	0
58	Practical Control for Two-Mass Positioning Systems in Presence of Saturation. Telkomnika (Telecommunication Computing Electronics and Control), 2012, 10, 91.	0.8	1
59	Performance improvement of improved practical control method for two-mass PTP positioning systems in the presence of actuator saturation. , 2011, , .		3
60	Performance evaluation of improved practical control method for two-mass PTP positioning systems. , 2010, , .		2
61	Vibration control of two-mass rotary system using improved NCTF controller for positioning systems. , 2010, , .		5
62	Improved NCTF control method for a two mass point-to-point positioning system. , 2010, , .		8
63	Enhancing Rollover Prevention and Vehicle Stability of Heavy Vehicle under Disturbance Effect. Applied Mechanics and Materials, 0, 695, 596-600.	0.2	1