Mohamed Sukri Mat Ali

List of Publications by Year
in descending order

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43	479	933447	713466
papers	citations	10	21
		h-index	g-index

43	43	43	411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Associating thermal comfort and preference in Malaysian universitiesâ€™ air-conditioned office rooms under various set-point temperatures. Journal of Building Engineering, 2022, 54, 104575.	3.4	9
2	Temporal evolution of lift in a pure cruciform system for energy harvesting. Ocean Engineering, 2021, 223, 108648.	4.3	3
3	Experimental investigation on vortex-induced vibration and galloping of rectangular cylinders of varying side ratios with a downstream square plate. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 211, 104563.	3.9	6
4	Numerical simulation of the effects of secondary roughness in the form of extension to arrays of terraced houses on pedestrian wind. Science and Technology for the Built Environment, 2020, 26, 928-940.	1.7	4
5	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
6	Experimental Investigation of the Effect of a Downstream Square Plate on Vortex-induced Vibration and Galloping of a Square Cylinder. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 68, 98-113.	0.6	2
7	Benchmark on the Dynamics of Liquid Draining Inside a Tank. E3S Web of Conferences, 2019, 95, 02009.	0.5	0
8	Grid Convergence Study for Detached-Eddy Simulation of Flow over Rod-Airfoil Configuration Using OpenFOAM. IOP Conference Series: Materials Science and Engineering, 2019, 491, 012023.	0.6	4
9	Effect of crosswinds on aerodynamic characteristics around a generic train model. International Journal of Rail Transportation, 2019, 7, 23-54.	2.7	7
10	Flow-induced vibration of a square cylinder and downstream flat plate associated with micro-scale energy harvester. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 175, 264-282.	3.9	20
11	Downstream flat plate as the flow-induced vibration enhancer for energy harvesting. JVC/Journal of Vibration and Control, 2018, 24, 3555-3568.	2.6	10
12	NUMERICAL STUDY ON AIR-CORE VORTEX INSIDE DRAINING TANK USING DIFFERENT COMPUTATIONAL MODELLING APPROACHES. Jurnal Teknologi (Sciences and Engineering), 2018, 81, .	0.4	0
13	Analysis of Implementation Control Device in Hybrid Mass Damper System. , 2018, , .		1
14	Wind noise from A-pillar and side view mirror of a realistic generic car model, DriAver. International Journal of Vehicle Noise and Vibration, 2018, 14, 38.	0.1	4
15	A new semi-empirical model for estimating the drag coefficient of the vertical random staggered arrays using LES. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 180, 191-200.	3.9	11
16	Wind noise from A-pillar and side view mirror of a realistic generic car model, DriAver. International Journal of Vehicle Noise and Vibration, 2018, 14, 38.	0.1	0
17	Performance Comparison of Controllers for Suppressing the Structural Building Vibration. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 537.	0.8	3
18	Numerical estimation of natural ventilation of cubical urban arrays with different packing density. MATEC Web of Conferences, 2017, 111, 01008.	0.2	0

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19	Numerical Simulation of Liquids Draining From a Tank Using OpenFOAM. IOP Conference Series: Materials Science and Engineering, 2017, 226, 012152.	0.6	3
20	Mesh size refining for a simulation of flow around a generic train model. Wind and Structures, an International Journal, 2017, 24, 223-247.	0.8	5
21	MODELLING PERFORMANCE OF OCEAN-THERMAL ENERGY CONVERSION CYCLE ACCORDING TO DIFFERENT WORKING FLUIDS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
22	Enhancing vehicle ride comfort through intelligent based control. , 2016, , .		7
23	A Numerical Analysis of Wind Flow within and above Idealised Modified Terraced House Canyon in Malaysia. Procedia Engineering, 2016, 169, 289-296.	1.2	0
24	Computational Study on the Influence of Different Opening Position on Wind-induced Natural Ventilation in Urban Building of Cubical Array. Procedia Engineering, 2016, 169, 256-263.	1.2	18
25	Thermal comfort and occupant adaptive behaviour in Japanese university buildings with free running and cooling mode offices during summer. Building and Environment, 2016, 105, 332-342.	6.9	124
26	Aerodynamic sound from a square cylinder with a downstream wedge. Aerospace Science and Technology, 2016, 53, 85-94.	4.8	19
27	Large Eddy Simulation of Wind Pressure Distribution on Heterogeneous Buildings in Idealised Urban Models. Energy Procedia, 2015, 78, 3055-3060.	1.8	8
28	Sound from high-Reynolds number flow over bluff bodies. Aircraft Engineering and Aerospace Technology, 2015, 87, 551-556.	0.8	2
29	Determination of aerodynamic parameters of urban surfaces: methods and results revisited. Theoretical and Applied Climatology, 2015, 122, 635-649.	2.8	15
30	Flow modelling and noise generation of interacting prisms. , 2014, , .		0
31	Aeolian Tones Generated by a Square Cylinder with a Detached Flat Plate. AIAA Journal, 2013, 51, 291-301.	2.6	26
32	Aeolian Tones Radiated from Flow Over Bluff Bodies. The Open Mechanical Engineering Journal, 2013, 7, 48-57.	0.3	9
33	Low Reynolds number flow over a square cylinder with a detached flat plate. International Journal of Heat and Fluid Flow, 2012, 36, 133-141.	2.4	37
34	Low Reynolds number flow over a square cylinder with a splitter plate. Physics of Fluids, 2011, 23, .	4.0	61
35	Aeolian tones generated by a square cylinder with a detached flat plate. , 2011, , .		0
36	The sound generated by a square cylinder with a splitter plate at low Reynolds number. Journal of Sound and Vibration, 2011, 330, 3620-3635.	3.9	34

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37	Wind Tunnel Testing of Composite Wing Flutter Speed due to Control Surface Excitation. Applied Mechanics and Materials, 0, 315, 359-363.	0.2	1
38	Composite Wing Flutter Speed and Frequency due to Variable Control Surface Deflection in Low Speed Wind Tunnel. Applied Mechanics and Materials, 0, 390, 3-7.	0.2	0
39	Numerical Simulation of Noise Radiated from a Blunt Trailing Edge. Applied Mechanics and Materials, 0, 629, 3-8.	0.2	0
40	A Validation Study for CFD Simulation of a Simplified Urban Model. Applied Mechanics and Materials, 0, 548-549, 1795-1799.	0.2	0
41	A Verification and Validation Study of CFD Simulation of Wind-Induced Ventilation on Building with Single-Sided Opening. Applied Mechanics and Materials, 0, 554, 696-700.	0.2	3
42	Study of Wake Profiles of a Simplified Model of High Speed Train Using RANS and LES Turbulent Models. Applied Mechanics and Materials, 0, 629, 426-430.	0.2	0
43	Investigation of the PMV and TSV Models of Thermal Comfort in Air-Conditioned University Classrooms in Malaysia. Applied Mechanics and Materials, 0, 819, 207-211.	0.2	4