

Mohamed Sukri Mat Ali

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermal comfort and occupant adaptive behaviour in Japanese university buildings with free running and cooling mode offices during summer. <i>Building and Environment</i> , 2016, 105, 332-342.	6.9	124
2	Low Reynolds number flow over a square cylinder with a splitter plate. <i>Physics of Fluids</i> , 2011, 23, .	4.0	61
3	Low Reynolds number flow over a square cylinder with a detached flat plate. <i>International Journal of Heat and Fluid Flow</i> , 2012, 36, 133-141.	2.4	37
4	The sound generated by a square cylinder with a splitter plate at low Reynolds number. <i>Journal of Sound and Vibration</i> , 2011, 330, 3620-3635.	3.9	34
5	Aeolian Tones Generated by a Square Cylinder with a Detached Flat Plate. <i>AIAA Journal</i> , 2013, 51, 291-301.	2.6	26
6	Flow-induced vibration of a square cylinder and downstream flat plate associated with micro-scale energy harvester. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 175, 264-282.	3.9	20
7	Aerodynamic sound from a square cylinder with a downstream wedge. <i>Aerospace Science and Technology</i> , 2016, 53, 85-94.	4.8	19
8	Computational Study on the Influence of Different Opening Position on Wind-induced Natural Ventilation in Urban Building of Cubical Array. <i>Procedia Engineering</i> , 2016, 169, 256-263.	1.2	18
9	Seismic vibration suppression of a building with an adaptive nonsingular terminal sliding mode control. <i>JVC/Journal of Vibration and Control</i> , 2020, 26, 2136-2147.	2.6	17
10	Determination of aerodynamic parameters of urban surfaces: methods and results revisited. <i>Theoretical and Applied Climatology</i> , 2015, 122, 635-649.	2.8	15
11	A new semi-empirical model for estimating the drag coefficient of the vertical random staggered arrays using LES. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 180, 191-200.	3.9	11
12	Downstream flat plate as the flow-induced vibration enhancer for energy harvesting. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 3555-3568.	2.6	10
13	Aeolian Tones Radiated from Flow Over Bluff Bodies. <i>The Open Mechanical Engineering Journal</i> , 2013, 7, 48-57.	0.3	9
14	Associating thermal comfort and preference in Malaysian universities' air-conditioned office rooms under various set-point temperatures. <i>Journal of Building Engineering</i> , 2022, 54, 104575.	3.4	9
15	Large Eddy Simulation of Wind Pressure Distribution on Heterogeneous Buildings in Idealised Urban Models. <i>Energy Procedia</i> , 2015, 78, 3055-3060.	1.8	8
16	Enhancing vehicle ride comfort through intelligent based control. , 2016, , .		7
17	Effect of crosswinds on aerodynamic characteristics around a generic train model. <i>International Journal of Rail Transportation</i> , 2019, 7, 23-54.	2.7	7
18	Experimental investigation on vortex-induced vibration and galloping of rectangular cylinders of varying side ratios with a downstream square plate. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2021, 211, 104563.	3.9	6

#	ARTICLE	IF	CITATIONS
19	Mesh size refining for a simulation of flow around a generic train model. <i>Wind and Structures, an International Journal</i> , 2017, 24, 223-247.	0.8	5
20	Investigation of the PMV and TSV Models of Thermal Comfort in Air-Conditioned University Classrooms in Malaysia. <i>Applied Mechanics and Materials</i> , 0, 819, 207-211.	0.2	4
21	Wind noise from A-pillar and side view mirror of a realistic generic car model, DriAver. <i>International Journal of Vehicle Noise and Vibration</i> , 2018, 14, 38.	0.1	4
22	Grid Convergence Study for Detached-Eddy Simulation of Flow over Rod-Airfoil Configuration Using OpenFOAM. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 491, 012023.	0.6	4
23	Numerical simulation of the effects of secondary roughness in the form of extension to arrays of terraced houses on pedestrian wind. <i>Science and Technology for the Built Environment</i> , 2020, 26, 928-940.	1.7	4
24	A Verification and Validation Study of CFD Simulation of Wind-Induced Ventilation on Building with Single-Sided Opening. <i>Applied Mechanics and Materials</i> , 0, 554, 696-700.	0.2	3
25	Numerical Simulation of Liquids Draining From a Tank Using OpenFOAM. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 226, 012152.	0.6	3
26	Temporal evolution of lift in a pure cruciform system for energy harvesting. <i>Ocean Engineering</i> , 2021, 223, 108648.	4.3	3
27	Performance Comparison of Controllers for Suppressing the Structural Building Vibration. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018, 10, 537.	0.8	3
28	Sound from high-Reynolds number flow over bluff bodies. <i>Aircraft Engineering and Aerospace Technology</i> , 2015, 87, 551-556.	0.8	2
29	MODELLING PERFORMANCE OF OCEAN-THERMAL ENERGY CONVERSION CYCLE ACCORDING TO DIFFERENT WORKING FLUIDS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	2
30	Experimental Investigation of the Effect of a Downstream Square Plate on Vortex-induced Vibration and Galloping of a Square Cylinder. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 68, 98-113.	0.6	2
31	Wind Tunnel Testing of Composite Wing Flutter Speed due to Control Surface Excitation. <i>Applied Mechanics and Materials</i> , 0, 315, 359-363.	0.2	1
32	Analysis of Implementation Control Device in Hybrid Mass Damper System. , 2018, , .		1
33	Aeolian tones generated by a square cylinder with a detached flat plate. , 2011, , .		0
34	Composite Wing Flutter Speed and Frequency due to Variable Control Surface Deflection in Low Speed Wind Tunnel. <i>Applied Mechanics and Materials</i> , 0, 390, 3-7.	0.2	0
35	Flow modelling and noise generation of interacting prisms. , 2014, , .		0
36	Numerical Simulation of Noise Radiated from a Blunt Trailing Edge. <i>Applied Mechanics and Materials</i> , 0, 629, 3-8.	0.2	0

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37	A Validation Study for CFD Simulation of a Simplified Urban Model. Applied Mechanics and Materials, 0, 548-549, 1795-1799.	0.2	0
38	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
39	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
40	Numerical estimation of natural ventilation of cubical urban arrays with different packing density. MATEC Web of Conferences, 2017, 111, 01008.	0.2	0
41	NUMERICAL STUDY ON AIR-CORE VORTEX INSIDE DRAINING TANK USING DIFFERENT COMPUTATIONAL MODELLING APPROACHES. Jurnal Teknologi (Sciences and Engineering), 2018, 81, .	0.4	0
42	Benchmark on the Dynamics of Liquid Draining Inside a Tank. E3S Web of Conferences, 2019, 95, 02009.	0.5	0
43	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