

Mohamed Sukri Mat Ali

List of Publications by Year in descending order

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times ranked

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Temporal evolution of lift in a pure cruciform system for energy harvesting. <i>Ocean Engineering</i> , 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. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 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. <i>Science and Technology for the Built Environment</i> , 2020, 26, 928-940. | 1.7 | 4 |
| 5 | 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 |
| 6 | 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 |
| 7 | Benchmark on the Dynamics of Liquid Draining Inside a Tank. <i>E3S Web of Conferences</i> , 2019, 95, 02009. | 0.5 | 0 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | NUMERICAL STUDY ON AIR-CORE VORTEX INSIDE DRAINING TANK USING DIFFERENT COMPUTATIONAL MODELLING APPROACHES. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 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. <i>International Journal of Vehicle Noise and Vibration</i> , 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. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 180, 191-200. | 3.9 | 11 |
| 16 | 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 | 0 |
| 17 | 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 |
| 18 | Numerical estimation of natural ventilation of cubical urban arrays with different packing density. <i>MATEC Web of Conferences</i> , 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 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 |