

Mohd Rosdzimin Abdul Rahman

List of Publications by Year in descending order

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39
papers

545
citations

1162367

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all docs

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docs citations

39
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of a modified trapped vortex combustor. <i>Journal of Thermal Analysis and Calorimetry</i> , 2023, 148, 3129-3135.	2.0	2
2	Experimental study on a bottom corner of the floating WEC. <i>Ocean Engineering</i> , 2022, 243, 110237.	1.9	8
3	Non-Premixed Liquid Fuel Air Flame in a Miniature Combustor with Modified Flow Aerodynamics. <i>Smart Science</i> , 2022, 10, 294-300.	1.9	2
4	An Experimental Investigation on the Effect of Ferrous Ferric Oxide Nano-Additive and Chicken Fat Methyl Ester on Performance and Emission Characteristics of Compression Ignition Engine. <i>Symmetry</i> , 2021, 13, 265.	1.1	13
5	Engine's behaviour on magnetite nanoparticles as additive and hydrogen addition of chicken fat methyl ester fuelled DICI engine: A dual fuel approach. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 14824-14843.	3.8	32
6	Dataset for influence of CNG and HCNG on engine performance and emission parameters at diverse injection pressure. <i>Data in Brief</i> , 2021, 35, 106838.	0.5	5
7	Comprehensive Review on High Hydrogen Permselectivity of Palladium Based Membranes: Part II. <i>Johnson Matthey Technology Review</i> , 2021, 65, 77-86.	0.5	0
8	Comprehensive Review on High Hydrogen Permselectivity of Palladium Based Membranes: Part I. <i>Johnson Matthey Technology Review</i> , 2021, 65, 64-76.	0.5	0
9	Torrefaction of densified empty fruit bunches with addition of plastics waste. <i>Biofuels</i> , 2020, 11, 491-501.	1.4	11
10	Characteristics of liquid fuel combustion in a novel miniature vortex combustor. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 1569-1578.	2.0	3
11	Torrefaction of Briquettes Made of Palm Kernel Shell with Mixture of Starch and Water as Binder. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 70, 21-36.	0.3	5
12	Study on Shape Geometry of Floating Oscillating Water Column Wave Energy Converter for Low Heave Wave Condition. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 2020, 70, 124-134.	0.3	7
13	Point Absorber Method as Wave Energy Converter Device for Power Generation: Effect of Buoy Arrangements. <i>International Journal of Integrated Engineering</i> , 2020, 12, .	0.2	0
14	Backward Bent Duct Buoy (BBDB) of Wave Energy Converter: An Overview of BBDB Shapes. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 541-549.	0.3	1
15	The Effect of Flow Control on Wing-In-Ground Craft Hull-Fuselage for Improved Aerodynamics Performance. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 501-510.	0.3	1
16	Characteristics of Densified Oil Palm Empty Fruit Bunches Blended with Carbon Nanotube Particles. <i>Annales De Chimie: Science Des Matériaux</i> , 2020, 44, 15-22.	0.2	0
17	Nano-enhanced phase change materials: A review of thermo-physical properties, applications and challenges. <i>Journal of Energy Storage</i> , 2019, 21, 18-31.	3.9	234
18	Investigation on the Mass Burning Rate of Biodiesel Blended with Ethanol Subjected to Cross Airflow. <i>International Journal of Heat and Technology</i> , 2019, 37, 428-432.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Torrefaction of densified mesocarp fibre and palm kernel shell. <i>Renewable Energy</i> , 2018, 122, 419-428.	4.3	60
20	The potential of hybrid micro-vortex generators to control flow separation of NACA 4415 airfoil in subsonic flow. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	3
21	Thermal conductivity of an ethylene glycol/water-based nanofluid with copper-titanium dioxide nanoparticles: An experimental approach. <i>International Communications in Heat and Mass Transfer</i> , 2018, 90, 23-28.	2.9	69
22	Microvane in controlling noise in open cavity flow. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 370, 012016.	0.3	1
23	Heat transfer of the TiO ₂ /water nanofluid in an annulus of the finite rotating cylinders. <i>International Journal of Heat and Technology</i> , 2018, 36, 353-358.	0.3	0
24	Numerical analysis of the forced convective heat transfer on Al ₂ O ₃ -Cu/water hybrid nanofluid. <i>Heat and Mass Transfer</i> , 2017, 53, 1835-1842.	1.2	35
25	Nanofluid heat transfer between concentric independently rotating tubes with axial flow. <i>Journal of Physics: Conference Series</i> , 2017, 822, 012034.	0.3	0
26	Thermal Fluid Dynamics of Al ₂ O ₃ -Cu/Water Hybrid Nanofluid in Inclined Lid Driven Cavity. <i>Journal of Nanofluids</i> , 2017, 6, 149-154.	1.4	5
27	TORREFACTION OF PALM BIOMASS BRIQUETTES AT DIFFERENT TEMPERATURE. <i>Jurnal Teknologi (Sciences) Tj ETQq</i> , 2016, 14, 1-5.	0.3	14
28	REVIEW ON DENSIFICATION OF PALM RESIDUES AS A TECHNIQUE FOR BIOMASS ENERGY UTILIZATION. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.3	2
29	Characteristics of the Biodiesel Palm Oil Methyl Ester Pool Fire. <i>MATEC Web of Conferences</i> , 2016, 74, 00015.	0.1	0
30	Aerodynamic performances of cruise missile flying above local terrain. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 152, 012006.	0.3	0
31	STAGNATION LAMINAR PREMIXED CH ₄ /AIR FLAME SUBJECTED TO THE EQUIVALENCE RATIO OSCILLATIONS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 76, .	0.3	0
32	Flame dynamics of equivalence ratio oscillations in a laminar stagnating lean methane/air premixed flame. <i>Proceedings of the Combustion Institute</i> , 2015, 35, 989-997.	2.4	10
33	Model of flame dynamics of laminar premixed flame subject to the low frequency equivalence ratio oscillations. <i>International Communications in Heat and Mass Transfer</i> , 2015, 61, 8-15.	2.9	4
34	Numerical investigation of the stagnating laminar premixed methane/air flame with fuel concentration oscillation using a four-step reaction mechanism. <i>Mechanical Engineering Journal</i> , 2014, 1, TE0060-TE0060.	0.2	2
35	The Response of a Conical Laminar Premixed Flame to Equivalence Ratio Oscillations in Rich Conditions. <i>Journal of Thermal Science and Technology</i> , 2013, 8, 28-43.	0.6	3
36	Numerical Investigation of a Flame Response to the Fuel Concentration Oscillation in Stagnating Laminar Premixed Methane/Air Flames. <i>Journal of Thermal Science and Technology</i> , 2012, 7, 16-30.	0.6	8

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37	STUDY OF PLUME BEHAVIOUR TWO HEATED CYLINDERS AT HIGH RAYLEIGH NUMBER USING LATTICE BOLTZMANN METHOD. AIP Conference Proceedings, 2010, , .	0.3	3
38	Simulation of Mixed Convective Heat Transfer using Lattice Boltzmann Method. International Journal of Automotive and Mechanical Engineering, 2010, 2, 130-143.	0.5	7
39	Improve direct injection compression ignition engine behavior using magnetite nano-fuel and hydrogen induction: a dual fuel approach. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	1.2	4