Mohd Radzi Abu Mansor

List of Publications by Year
in descending order

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48 papers	287 citations	1307366 7 h-index	996849 15 g-index
49 all docs	49 docs citations	49 times ranked	206 citing authors

#	Article	IF	Citations
1	Motorcycle Conspicuity Issues and Intervention: A Systematic Review. Iranian Journal of Public Health, 2021, 50, 24-34.	0.3	1
2	Performance and Emission of B100 Biodiesel with Various Additives in Direct Injection Diesel Engine. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2021, 80, 24-36.	0.3	1
3	Simulation of Combustion Process of Diesel and Ethanol Fuel in Reactivity Controlled Compression Ignition Engine. CFD Letters, 2021, 13, 1-11.	0.4	5
4	CNGDI Engine Performance Using a Vaned Diffuser Turbocharger Compressor with Varying Injection Timings. Evergreen, 2021, 8, 414-420.	0.3	0
5	Numerical investigation on combustion and emissions in a direct injection compression ignition engine fuelled with various hydrogenâ€“methaneâ€“diesel blends at different intake air temperatures. Energy Reports, 2021, 7, 403-421.	2.5	13
6	Combustion characteristics of hydrogen in a noble gas compression ignition engine. Energy Reports, 2021, 7, 200-218.	2.5	13
7	Effect on changing of intake temperature to hydrogen-methane-diesel mixture combustion characteristics. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012059.	0.2	3
8	Combustion characteristics of direct injection hydrogen in noble gases atmosphere. IOP Conference Series: Earth and Environmental Science, 2020, 463, 012058.	0.2	3
9	Simulation of Hydrogen Fuel Combustion in Neon-oxygen Circulated Compression Ignition Engine. CFD Letters, 2020, 12, 1-16.	0.4	6
10	Study on Soot Mass Fraction and Size Distribution in a Direct Injection Diesel Engine Using Particulate Size Mimic Soot Model. Journal of Thermal Science and Engineering Applications, 2019, 11, .	0.8	1
11	Modification of a Direct Injection Diesel Engine in Improving the Ignitability and Emissions of Dieselâ€“Ethanolâ€“Palm Oil Methyl Ester Blends. Energies, 2019, 12, 2644.	1.6	2
12	Simulation of Optimizing Diesel-Ethanol-Palm Oil Methyl Ester Blends Combustibility in Direct Injection Diesel Engine. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012113.	0.2	0
13	Combustion Characteristics of Various Octane Rating Fuels for Automotive Thermal Engines Efficiency Requirements. Energy Procedia, 2019, 157, 763-772.	1.8	8
14	Study of unattended child presence detection system for ASEAN NCAP safety rating. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012115.	0.3	3
15	Willing of public to purchase and understanding of pedestrian AEB system in Malaysia. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012062.	0.3	1
16	Simulation of Hydrogen Combustion Characteristics in Argon-Oxygen Compression Ignition Engine using Large Eddy Simulation (LES) Turbulence Model. IOP Conference Series: Earth and Environmental Science, 2019, 354, 012056.	0.2	1
17	Microwave-assisted conversion of agro-industrial copra residue oil to diesel engine compatible fatty acid methyl esters. IOP Conference Series: Earth and Environmental Science, 2019, 361, 012022.	0.2	1
18	Performance and Exhaust Gas Emission of Biodiesel Fuel with Palm Oil Based Additive in Direct Injection Compression Ignition Engine. International Journal of Automotive and Mechanical Engineering, 2019, 16, 6173-6187.	0.5	6

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19	Study on the Modification Effect of Side Pot And Diffuser to the Aerodynamics of the F1 IN SCHOOLS Car. International Journal of Engineering and Technology(UAE), 2018, 7, 123.	0.2	0
20	Simulation of the combustion process for a CI hydrogen engine in an argon-oxygen atmosphere. International Journal of Hydrogen Energy, 2018, 43, 11286-11297.	3.8	34
21	Investigation of the pressure ratio and efficiency of a turbocharger centrifugal compressor with a vaned diffuser. World Review of Science, Technology and Sustainable Development, 2018, 14, 228.	0.3	0
22	Performance and emission opacity of canola and soybean biodiesel fuel in a diesel engine. Journal of Mechanical Engineering and Sciences, 2018, 12, 3689-3699.	0.3	4
23	Extrication of biodiesel feedstock from early stage of food waste liquefaction. Journal of Material Cycles and Waste Management, 2017, 19, 676-681.	1.6	7
24	Application of Taguchi method in optimization of design parameter for turbocharger vaned diffuser. Industrial Lubrication and Tribology, 2017, 69, 409-413.	0.6	5
25	Investigation of diesel-ethanol blended fuel properties with palm methyl ester as co-solvent and blends enhancer. MATEC Web of Conferences, 2017, 90, 01080.	0.1	7
26	Numerical investigation on soot particles emission in compression ignition diesel engine by using particulate mimic soot model. MATEC Web of Conferences, 2017, 90, 01071.	0.1	3
27	The influence of varying hydrogen-methane-diesel mixture ratio on the combustion characteristics and emissions of a direct injection diesel engine. Fuel, 2017, 190, 281-291.	3.4	65
28	Comparison of Simple and Detailed Soot Models in the Study of Soot Formation in a Compression Ignition Diesel Engine. , 2017, , .		9
29	Experimental Investigation of Performance and Emissions of a Stratified Charge CNG Direct Injection Engine with Turbocharger. MATEC Web of Conferences, 2017, 124, 07004.	0.1	0
30	The Effectiveness of Industrial Training from the Perspective of Engineering Students. , 2017, , .		0
31	F1 IN SCHOOLS Competition to Promote STEM: Aerodynamic Investigation of Miniature F1 IN SCHOOLS Car. , 2017, , .		0
32	SOOT PARTICLE MEASUREMENT IN ENGINE CYLINDER: A REVIEW. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	2
33	PERFORMANCE OF SOLAR-ASSISTED ABSORPTION CYCLE AIR CONDITIONING SYSTEM. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
34	THE DEVELOPMENT OF A MULTI-PURPOSE WIND TUNNEL. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	4
35	NUMERICAL STUDY OF HYDROGEN FUEL COMBUSTION IN COMPRESSION IGNITION ENGINE UNDER ARGON-OXYGEN ATMOSPHERE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	2
36	Investigation of the combustion process of hydrogen jets under argon-circulated hydrogen-engine conditions. Combustion and Flame, 2016, 173, 245-257.	2.8	29

#	Article	IF	Citations
37	An experimental study of the performance and emissions of spark ignition gasoline engine. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3540-3554.	0.5	15
38	Numerical investigation of soot mass concentration in compression ignition diesel engine. Journal of Mechanical Engineering and Sciences, 2016, 10, 2275-2287.	0.3	2
39	Hydrogen mixture with gasoline for conventional motorcycles and effect on mass flow rate, brake thermal efficiency and emissions. International Journal of Automotive and Mechanical Engineering, 2016, 13, 3681-3695.	0.5	0
40	Skin Friction Coefficient and Boundary Layer Trend on UKM Aster i-Bond. Applied Mechanics and Materials, 2014, 629, 450-455.	0.2	0
41	Aerodynamics Performance of Endwall Film Cooling under the Influence of Purge Flow in High Pressure Turbine Cascade. Applied Mechanics and Materials, 2014, 629, 119-124.	0.2	0
42	Characterization of Hydrogen Jet Development in an Argon Atmosphere. Green Energy and Technology, 2013, , 133-140.	0.4	1
43	Biomechanics Analysis for Right Leg Instep Kick. Journal of Applied Sciences, 2010, 10, 1286-1292.	0.1	3
44	Ignition Characteristics of Hydrogen Jets in an Argon-Oxygen Atmosphere. , 0, , .		16
45	Effect of Injector Nozzle Design on Spray Characteristics for Hydrogen Direct Injection Engine Conditions. Applied Mechanics and Materials, 0, 660, 406-410.	0.2	2
46	Public Perception and Acceptance of Diesel-Powered Passenger Cars in Malaysia: An Initial Study. Applied Mechanics and Materials, 0, 663, 49-53.	0.2	0
47	Simulation of the Effect of Initial Temperature and Fuel Injection Pressure on Hydrogen Combustion Characteristics in Argon-Oxygen Compression Ignition Engine. , 0, , .		6
48	Numerical Study of the Effect of Injection Strategy and Compression Ratio on Gasoline/Diesel Fueled RCCI Engine. , 0, , .		1