

Mohd Radzi Abu Mansor

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

155
citations

6
h-index

11
g-index

49
ext. papers

215
ext. citations

1.3
avg, IF

3.27
L-index

#	Paper	IF	Citations
41	Numerical investigation on combustion and emissions in a direct injection compression ignition engine fuelled with various hydrogen-methane-diesel blends at different intake air temperatures. <i>Energy Reports</i> , 2021 , 7, 403-421	4.6	3
40	Combustion characteristics of hydrogen in a noble gas compression ignition engine. <i>Energy Reports</i> , 2021 , 7, 200-218	4.6	1
39	Motorcycle Conspicuity Issues and Intervention: A Systematic Review. <i>Iranian Journal of Public Health</i> , 2021 , 50, 24-34	0.7	
38	Effect on changing of intake temperature to hydrogen-methane-diesel mixture combustion characteristics. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 463, 012059	0.3	0
37	Combustion characteristics of direct injection hydrogen in noble gases atmosphere. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 463, 012058	0.3	0
36	Simulation of Optimizing Diesel-Ethanol-Palm Oil Methyl Ester Blends Combustibility in Direct Injection Diesel Engine. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 268, 012113	0.3	
35	Combustion Characteristics of Various Octane Rating Fuels for Automotive Thermal Engines Efficiency Requirements. <i>Energy Procedia</i> , 2019 , 157, 763-772	2.3	6
34	Study on Soot Mass Fraction and Size Distribution in a Direct Injection Diesel Engine Using Particulate Size Mimic Soot Model. <i>Journal of Thermal Science and Engineering Applications</i> , 2019 , 11,	1.9	1
33	Modification of a Direct Injection Diesel Engine in Improving the Ignitability and Emissions of Diesel-Ethanol-Palm Oil Methyl Ester Blends. <i>Energies</i> , 2019 , 12, 2644	3.1	1
32	Performance and Exhaust Gas Emission of Biodiesel Fuel with Palm Oil Based Additive in Direct Injection Compression Ignition Engine. <i>International Journal of Automotive and Mechanical Engineering</i> , 2019 , 16, 6173-6187	1.4	4
31	Study of unattended child presence detection system for ASEAN NCAP safety rating. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 572, 012115	0.4	
30	Willing of public to purchase and understanding of pedestrian AEB system in Malaysia. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 572, 012062	0.4	
29	Simulation of Hydrogen Combustion Characteristics in Argon-Oxygen Compression Ignition Engine using Large Eddy Simulation (LES) Turbulence Model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 354, 012056	0.3	0
28	Microwave-assisted conversion of agro-industrial copra residue oil to diesel engine compatible fatty acid methyl esters. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 361, 012022	0.3	
27	Investigation of the pressure ratio and efficiency of a turbocharger centrifugal compressor with a vaned diffuser. <i>World Review of Science, Technology and Sustainable Development</i> , 2018 , 14, 228	1	
26	Performance and emission opacity of canola and soybean biodiesel fuel in a diesel engine. <i>Journal of Mechanical Engineering and Sciences</i> , 2018 , 12, 3689-3699	2	2
25	Study on the Modification Effect of Side Pot And Diffuser to the Aerodynamics of the F1 IN SCHOOLS Car. <i>International Journal of Engineering and Technology(UAE)</i> , 2018 , 7, 123	0.8	

24	Numerical Study of the Effect of Injection Strategy and Compression Ratio on Gasoline/Diesel Fueled RCCI Engine 2018 ,		1
23	Simulation of the combustion process for a CI hydrogen engine in an argon-oxygen atmosphere. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 11286-11297	6.7	19
22	Extrication of biodiesel feedstock from early stage of food waste liquefaction. <i>Journal of Material Cycles and Waste Management</i> , 2017 , 19, 676-681	3.4	5
21	Application of Taguchi method in optimization of design parameter for turbocharger vaned diffuser. <i>Industrial Lubrication and Tribology</i> , 2017 , 69, 409-413	1.3	4
20	Investigation of diesel-ethanol blended fuel properties with palm methyl ester as co-solvent and blends enhancer. <i>MATEC Web of Conferences</i> , 2017 , 90, 01080	0.3	5
19	Experimental Investigation of Performance and Emissions of a Stratified Charge CNG Direct Injection Engine with Turbocharger. <i>MATEC Web of Conferences</i> , 2017 , 124, 07004	0.3	
18	Numerical investigation on soot particles emission in compression ignition diesel engine by using particulate mimic soot model. <i>MATEC Web of Conferences</i> , 2017 , 90, 01071	0.3	2
17	The influence of varying hydrogen-methane-diesel mixture ratio on the combustion characteristics and emissions of a direct injection diesel engine. <i>Fuel</i> , 2017 , 190, 281-291	7.1	44
16	Comparison of Simple and Detailed Soot Models in the Study of Soot Formation in a Compression Ignition Diesel Engine 2017 ,		6
15	Investigation of the combustion process of hydrogen jets under argon-circulated hydrogen-engine conditions. <i>Combustion and Flame</i> , 2016 , 173, 245-257	5.3	16
14	An experimental study of the performance and emissions of spark ignition gasoline engine. <i>International Journal of Automotive and Mechanical Engineering</i> , 2016 , 13, 3540-3554	1.4	8
13	Numerical investigation of soot mass concentration in compression ignition diesel engine. <i>Journal of Mechanical Engineering and Sciences</i> , 2016 , 10, 2275-2287	2	2
12	SOOT PARTICLE MEASUREMENT IN ENGINE CYLINDER: A REVIEW. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2	2
11	Simulation of the Effect of Initial Temperature and Fuel Injection Pressure on Hydrogen Combustion Characteristics in Argon-Oxygen Compression Ignition Engine 2016 ,		2
10	THE DEVELOPMENT OF A MULTI-PURPOSE WIND TUNNEL. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2	3
9	NUMERICAL STUDY OF HYDROGEN FUEL COMBUSTION IN COMPRESSION IGNITION ENGINE UNDER ARGON-OXYGEN ATMOSPHERE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016 , 78,	1.2	1
8	Skin Friction Coefficient and Boundary Layer Trend on UKM Aster i-Bond. <i>Applied Mechanics and Materials</i> , 2014 , 629, 450-455	0.3	
7	Effect of Injector Nozzle Design on Spray Characteristics for Hydrogen Direct Injection Engine Conditions. <i>Applied Mechanics and Materials</i> , 2014 , 660, 406-410	0.3	2

6	Aerodynamics Performance of Endwall Film Cooling under the Influence of Purge Flow in High Pressure Turbine Cascade. <i>Applied Mechanics and Materials</i> , 2014 , 629, 119-124	0.3	
5	Public Perception and Acceptance of Diesel-Powered Passenger Cars in Malaysia: An Initial Study. <i>Applied Mechanics and Materials</i> , 2014 , 663, 49-53	0.3	
4	Characterization of Hydrogen Jet Development in an Argon Atmosphere. <i>Green Energy and Technology</i> , 2013 , 133-140	0.6	1
3	Ignition Characteristics of Hydrogen Jets in an Argon-Oxygen Atmosphere 2012 ,		11
2	Study on Hydrogen-Jet Development in the Argon Atmosphere. <i>Green Energy and Technology</i> , 2012 , 177-184	0.6	2
1	Biomechanics Analysis for Right Leg Instep Kick. <i>Journal of Applied Sciences</i> , 2010 , 10, 1286-1292	0.3	1