

Ibham Veza

List of Publications by Year in descending order

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38
papers

857
citations

567281

15
h-index

501196

28
g-index

44
all docs

44
docs citations

44
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable multi-agent formation control under switching leader-follower directed graph. <i>Asian Journal of Control</i> , 2022, 24, 3175-3189.	3.0	4
2	Hydraulic characterization of Diesel, B50 and B100 using momentum flux. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 4371-4388.	6.4	7
3	Numerical and experimental investigation of CI engine behaviours supported by zinc oxide nanomaterial along with diesel fuel. <i>Energy</i> , 2022, 239, 122424.	8.8	36
4	Tribological behavior of organic formulated anti-wear additive under high frequency reciprocating rig and unidirectional orientations: Particles transport behavior and film formation mechanism. <i>Tribology International</i> , 2022, 167, 107415.	5.9	9
5	Development of impact attenuator analysis tools in crash scenario using Euler method and finite element analysis. <i>Journal of Engineering and Applied Science</i> , 2022, 69, .	2.0	1
6	Grasshopper optimization algorithm for diesel engine fuelled with ethanol-biodiesel-diesel blends. <i>Case Studies in Thermal Engineering</i> , 2022, 31, 101817.	5.7	57
7	Review of artificial neural networks for gasoline, diesel and homogeneous charge compression ignition engine. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 8363-8391.	6.4	81
8	Lessons from Brazil: Opportunities of Bioethanol Biofuel in Indonesia. <i>Indonesian Journal of Computing Engineering and Design (IJoCED)</i> , 2022, 4, 8.	1.0	1
9	Electric Vehicles in Malaysia and Indonesia: Opportunities and Challenges. <i>Energies</i> , 2022, 15, 2564.	3.1	14
10	Analysis of particle size diameter (PSD), mass fraction burnt (MFB) and particulate number (PN) emissions in a diesel engine powered by diesel/biodiesel/n-amyl alcohol blends. <i>Energy</i> , 2022, 250, 123806.	8.8	16
11	Experimental investigation of performance, combustion and emission characteristics of a variable compression ratio engine using low-density plastic pyrolyzed oil and diesel fuel blends. <i>Fuel</i> , 2022, 319, 123720.	6.4	33
12	Recent Advances in Diesel-Biodiesel Blended with Nano-Additive as Fuel in Diesel Engines: A Detailed Review. <i>Automotive Experiences</i> , 2022, 5, 182-216.	0.9	3
13	Heterogeneous Catalyzed Biodiesel Production Using Cosolvent: A Mini Review. <i>Sustainability</i> , 2022, 14, 5062.	3.2	5
14	Influence of injection timing on performance, combustion and emission characteristics of a diesel engine running on hydrogen-diethyl ether, n-butanol and biodiesel blends. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 18182-18193.	7.1	37
15	Developments in Nanoparticles Enhanced Biofuels and Solar Energy in Malaysian Perspective: A Review of State of the Art. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-22.	2.7	7
16	Multi-objective optimization of diesel engine performance and emission using grasshopper optimization algorithm. <i>Fuel</i> , 2022, 323, 124303.	6.4	22
17	Production of HMF and DMF biofuel from carbohydrates through catalytic pathways as a sustainable strategy for the future energy sector. <i>Fuel</i> , 2022, 324, 124474.	6.4	26
18	Effects of hybrid nanoparticle additives in n-butanol/waste plastic oil/diesel blends on combustion, particulate and gaseous emissions from diesel engine evaluated with entropy-weighted PROMETHEE II and TOPSIS: Environmental and health risks of plastic waste. <i>Energy Conversion and Management</i> , 2022, 264, 115758.	9.2	67

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19	Effect of nanocomposite SCP1 additive to waste cooking oil biodiesel as fuel enhancer on diesel engine performance and emission characteristics. Sustainable Energy Technologies and Assessments, 2022, 52, 102291.	2.7	2
20	Response Surface Methodology and Artificial Neural Networks-Based Yield Optimization of Biodiesel Sourced from Mixture of Palm and Cotton Seed Oil. Sustainability, 2022, 14, 6130.	3.2	13
21	Understanding behaviors of compression ignition engine running on metal nanoparticle additives-included fuels: A control comparison between biodiesel and diesel fuel. Fuel, 2022, 326, 124981.	6.4	33
22	Recent advances in butanol production by acetone-butanol-ethanol (ABE) fermentation. Biomass and Bioenergy, 2021, 144, 105919.	5.7	117
23	Physico-chemical properties of Acetone-Butanol-Ethanol (ABE)-diesel blends: Blending strategies and mathematical correlations. Fuel, 2021, 286, 119467.	6.4	33
24	Study On The Energy Conversion In The Thermoelectric Liquefied Petroleum Gas Cooking Stove With Different Cooling Methods. SSRG International Journal of Engineering Trends and Technology, 2021, 69, 185-193.	0.5	4
25	Performance and Emission Measurement of a Single Cylinder Diesel Engine Fueled with Palm Oil Biodiesel Fuel Blends. IOP Conference Series: Materials Science and Engineering, 2021, 1068, 012020.	0.6	9
26	Application of Elman and Cascade neural network (ENN and CNN) in comparison with adaptive neuro fuzzy inference system (ANFIS) to predict key fuel properties of ABE-diesel blends. International Journal of Green Energy, 2021, 18, 1510-1522.	3.8	16
27	Effect of COVID-19 on Biodiesel Industry: A Case Study in Indonesia and Malaysia. International Journal of Automotive and Mechanical Engineering, 2021, 18, .	0.9	14
28	Parametric Study of Factors Affecting Lateral Stability of a Public Transportation Vehicle. International Journal of Sustainable Transportation Technology, 2021, 4, 79-86.	0.2	0
29	Microwave Assisted Biodiesel Production Using Heterogeneous Catalysts. Energies, 2021, 14, 8135.	3.1	19
30	Strategies to Form Homogeneous Mixture and Methods to Control Auto-Ignition of HCCI Engine. International Journal of Automotive and Mechanical Engineering, 2021, 18, .	0.9	1
31	Potential of range extender electric vehicles (REEVS). IOP Conference Series: Materials Science and Engineering, 2020, 884, 012093.	0.6	3
32	Predictive simulation of single cylinder n-butanol HCCI engine. IOP Conference Series: Materials Science and Engineering, 2020, 884, 012099.	0.6	6
33	Improved Performance, Combustion and Emissions of SI Engine Fuelled with Butanol: A Review. International Journal of Automotive and Mechanical Engineering, 2020, 17, 7648-7666.	0.9	24
34	Study of the Creep Deformation of Sanicro 25 Austenitic Steel by Computer Simulations. Materials Science Forum, 2019, 961, 156-162.	0.3	0
35	Progress of acetone-butanol-ethanol (ABE) as biofuel in gasoline and diesel engine: A review. Fuel Processing Technology, 2019, 196, 106179.	7.2	98
36	Simulation of predictive kinetic combustion of single cylinder HCCI engine. AIP Conference Proceedings, 2019, , .	0.4	11

#	ARTICLE	IF	CITATIONS
37	Cetane index prediction of ABE-diesel blends using empirical and artificial neural network models. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	2.3	19
38	Effect of Al Additions on the Microstructure and Mechanical Properties of the SHS Product of Ni-Al-TiO ₂ Mixtures. Materials Science Forum, 0, 1029, 3-8.	0.3	5