Arkadiusz Jamrozik

List of Publications by Year
in descending order

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32 papers	1,074 citations	430874 18 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	831 citing authors

#	Article	IF	Citations
1	Effects of Propanol on the Performance and Emissions of a Dual-Fuel Industrial Diesel Engine. Applied Sciences (Switzerland), 2022, 12, 5674.	2.5	5
2	An experimental investigation of the performance, emission and combustion stability of compression ignition engine powered by diesel and ammonia solution (NH₄OH). International Journal of Engine Research, 2021, 22, 2639-2653.	2.3	24
3	The Effect of RME-1-Butanol Blends on Combustion, Performance and Emission of a Direct Injection Diesel Engine. Energies, 2021, 14, 2941.	3.1	4
4	Combustion Stability, Performance and Emission Characteristics of a CI Engine Fueled with Diesel/n-Butanol Blends. Energies, 2021, 14, 2817.	3.1	22
5	Influence of Gasoline Addition on Biodiesel Combustion in a Compression-Ignition Engine with Constant Settings. Processes, 2020, 8, 1499.	2.8	2
6	Hydrogen effects on combustion stability, performance and emission of diesel engine. International Journal of Hydrogen Energy, 2020, 45, 19936-19947.	7.1	82
7	Combustion and Emission Characteristics of a Biodiesel-Hydrogen Dual-Fuel Engine. Applied Sciences (Switzerland), 2020, 10, 1082.	2.5	20
8	Effect of natural gas enrichment with hydrogen on combustion process and emission characteristic of a dual fuel diesel engine. International Journal of Hydrogen Energy, 2020, 45, 9088-9097.	7.1	57
9	An Experimental Study on the Performance and Emission of the diesel/CNG Dual-Fuel Combustion Mode in a Stationary CI Engine. Energies, 2019, 12, 3857.	3.1	39
10	Comparative Analysis of the Combustion Stability of Diesel-Methanol and Diesel-Ethanol in a Dual Fuel Engine. Energies, 2019, 12, 971.	3.1	40
11	Numerical Analysis of Flow in Building Arrangement: Computational Domain Discretization. Applied Sciences (Switzerland), 2019, 9, 941.	2.5	18
12	Comparative Analysis of Combustion Stability of Diesel/Ethanol Utilization by Blend and Dual Fuel. Processes, 2019, 7, 946.	2.8	10
13	Study on co-combustion of diesel fuel with oxygenated alcohols in a compression ignition dual-fuel engine. Fuel, 2018, 221, 329-345.	6.4	102
14	Performance, emission and combustion characteristics of CI dual fuel engine powered by diesel/ethanol and diesel/gasoline fuels. Journal of Mechanical Science and Technology, 2018, 32, 2947-2957.	1.5	29
15	Combustion of different reactivity fuel mixture in a dual fuel engine. Thermal Science, 2018, 22, 1285-1297.	1.1	10
16	EFFECTS OF INJECTION TIMING OF DIESEL FUEL ON PERFORMANCE AND EMISSION OF DUAL FUEL DIESEL ENGINE POWERED BY DIESEL/E85 FUELS. Transport, 2018, 33, 633-646.	1.2	15
17	Experimental investigations on combustion, performance, and emission characteristics of stationary CI engine fueled with dieselâ€“methanol and biodieselâ€“methanol blends. Environmental Progress and Sustainable Energy, 2017, 36, 1151-1163.	2.3	21
18	A comparative study of co-combustion process of diesel-ethanol and biodiesel-ethanol blends in the direct injection diesel engine. Applied Thermal Engineering, 2017, 117, 155-163.	6.0	93

#	Article	IF	Citations
19	The effect of the alcohol content in the fuel mixture on the performance and emissions of a direct injection diesel engine fueled with diesel-methanol and diesel-ethanol blends. Energy Conversion and Management, 2017, 148, 461-476.	9.2	149
20	Experimental investigations on combustion, performance and emissions characteristics of compression ignition engine powered by B100/ethanol blend. E3S Web of Conferences, 2017, 14, 02019.	0.5	7
21	Co-combustion of biodiesel with oxygenated fuels in direct injection diesel engine. E3S Web of Conferences, 2017, 14, 02018.	0.5	11
22	Modeling of Thermal Cycle CI Engine with Multi-Stage Fuel Injection. Advances in Science and Technology Research Journal, 2017, 11, 179-186.	0.8	11
23	Effect of diesel-biodiesel-ethanol blend on combustion, performance, and emissions characteristics on a direct injection diesel engine. Thermal Science, 2017, 21, 591-604.	1.1	46
24	Validation and optimization of the thermal cycle for a diesel engine by computational fluid dynamics modeling. Applied Mathematical Modelling, 2016, 40, 6293-6309.	4.2	8
25	Investigation on combustion process and emissions characteristic in direct injection diesel engine powered by wet ethanol using blend mode. Fuel Processing Technology, 2016, 149, 86-95.	7.2	36
26	Lean combustion by a pre-chamber charge stratification in a stationary spark ignited engine. Journal of Mechanical Science and Technology, 2015, 29, 2269-2278.	1.5	63
27	CFD MODELING OF THERMAL CYCLE OF SUPERCHARGED COMPRESSION IGNITION ENGINE. Journal of KONES, 2015, 19, 465-472.	0.2	4
28	Generator gas as a fuel to power a diesel engine. Thermal Science, 2014, 18, 205-216.	1.1	26
29	Numerical simulation of two-stage combustion in SI engine with prechamber. Applied Mathematical Modelling, 2013, 37, 2961-2982.	4.2	48
30	A two-stage combustion system for burning lean gasoline mixtures in a stationary spark ignited engine. Applied Energy, 2013, 105, 271-281.	10.1	42
31	A study of performance and emissions of SI engine with a two-stage combustion system. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2011, 32, 453-471.	0.7	19
32	Characteristics of the flow field in the combustion chamber of the internal combustion test engine. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2011, 32, 203-214.	0.7	11