

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	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. <i>Energy Conversion and Management</i> , 2017, 148, 461-476.	9.2	149
2	Study on co-combustion of diesel fuel with oxygenated alcohols in a compression ignition dual-fuel engine. <i>Fuel</i> , 2018, 221, 329-345.	6.4	102
3	A comparative study of co-combustion process of diesel-ethanol and biodiesel-ethanol blends in the direct injection diesel engine. <i>Applied Thermal Engineering</i> , 2017, 117, 155-163.	6.0	93
4	Hydrogen effects on combustion stability, performance and emission of diesel engine. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 19936-19947.	7.1	82
5	Lean combustion by a pre-chamber charge stratification in a stationary spark ignited engine. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 2269-2278.	1.5	63
6	Effect of natural gas enrichment with hydrogen on combustion process and emission characteristic of a dual fuel diesel engine. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 9088-9097.	7.1	57
7	Numerical simulation of two-stage combustion in SI engine with prechamber. <i>Applied Mathematical Modelling</i> , 2013, 37, 2961-2982.	4.2	48
8	Effect of diesel-biodiesel-ethanol blend on combustion, performance, and emissions characteristics on a direct injection diesel engine. <i>Thermal Science</i> , 2017, 21, 591-604.	1.1	46
9	A two-stage combustion system for burning lean gasoline mixtures in a stationary spark ignited engine. <i>Applied Energy</i> , 2013, 105, 271-281.	10.1	42
10	Comparative Analysis of the Combustion Stability of Diesel-Methanol and Diesel-Ethanol in a Dual Fuel Engine. <i>Energies</i> , 2019, 12, 971.	3.1	40
11	An Experimental Study on the Performance and Emission of the diesel/CNG Dual-Fuel Combustion Mode in a Stationary CI Engine. <i>Energies</i> , 2019, 12, 3857.	3.1	39
12	Investigation on combustion process and emissions characteristic in direct injection diesel engine powered by wet ethanol using blend mode. <i>Fuel Processing Technology</i> , 2016, 149, 86-95.	7.2	36
13	Performance, emission and combustion characteristics of CI dual fuel engine powered by diesel/ethanol and diesel/gasoline fuels. <i>Journal of Mechanical Science and Technology</i> , 2018, 32, 2947-2957.	1.5	29
14	Generator gas as a fuel to power a diesel engine. <i>Thermal Science</i> , 2014, 18, 205-216.	1.1	26
15	An experimental investigation of the performance, emission and combustion stability of compression ignition engine powered by diesel and ammonia solution (NH_3/OH). <i>International Journal of Engine Research</i> , 2021, 22, 2639-2653.	2.3	24
16	Combustion Stability, Performance and Emission Characteristics of a CI Engine Fueled with Diesel/n-Butanol Blends. <i>Energies</i> , 2021, 14, 2817.	3.1	22
17	Experimental investigations on combustion, performance, and emission characteristics of stationary CI engine fueled with diesel-methanol and biodiesel-methanol blends. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1151-1163.	2.3	21
18	Combustion and Emission Characteristics of a Biodiesel-Hydrogen Dual-Fuel Engine. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1082.	2.5	20

#	ARTICLE	IF	CITATIONS
19	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
20	Numerical Analysis of Flow in Building Arrangement: Computational Domain Discretization. Applied Sciences (Switzerland), 2019, 9, 941.	2.5	18
21	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
22	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
23	Co-combustion of biodiesel with oxygenated fuels in direct injection diesel engine. E3S Web of Conferences, 2017, 14, 02018.	0.5	11
24	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
25	Combustion of different reactivity fuel mixture in a dual fuel engine. Thermal Science, 2018, 22, 1285-1297.	1.1	10
26	Comparative Analysis of Combustion Stability of Diesel/Ethanol Utilization by Blend and Dual Fuel. Processes, 2019, 7, 946.	2.8	10
27	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
28	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
29	Effects of Propanol on the Performance and Emissions of a Dual-Fuel Industrial Diesel Engine. Applied Sciences (Switzerland), 2022, 12, 5674.	2.5	5
30	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
31	CFD MODELING OF THERMAL CYCLE OF SUPERCHARGED COMPRESSION IGNITION ENGINE. Journal of KONES, 2015, 19, 465-472.	0.2	4
32	Influence of Gasoline Addition on Biodiesel Combustion in a Compression-Ignition Engine with Constant Settings. Processes, 2020, 8, 1499.	2.8	2