

Stanislaw Szwaja

List of Publications by Citations

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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.

31
papers

633
citations

11
h-index

25
g-index

34
ext. papers

771
ext. citations

4.8
avg. IF

4.49
L-index

#	Paper	IF	Citations
31	Hydrogen combustion in a compression ignition diesel engine. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 4413-4421	6.7	151
30	Alcohol-diesel fuel combustion in the compression ignition engine. <i>Fuel</i> , 2015 , 154, 196-206	7.1	146
29	Sewage sludge producer gas enriched with methane as a fuel to a spark ignited engine. <i>Fuel Processing Technology</i> , 2013 , 110, 160-166	7.2	48
28	Dual nature of hydrogen combustion knock. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 12489-12496	7.96	41
27	A two-stage combustion system for burning lean gasoline mixtures in a stationary spark ignited engine. <i>Applied Energy</i> , 2013 , 105, 271-281	10.7	37
26	Influence of exhaust residuals on combustion phases, exhaust toxic emission and fuel consumption from a natural gas fueled spark-ignition engine. <i>Energy Conversion and Management</i> , 2018 , 165, 440-446	10.6	29
25	The Influence of Anaerobic Digestion Effluents (ADEs) Used as the Nutrient Sources for <i>Chlorella</i> sp. Cultivation on Fermentative Biogas Production. <i>Waste and Biomass Valorization</i> , 2017 , 8, 1153-1161	3.2	24
24	A torrefaction of <i>Sida hermaphrodita</i> to improve fuel properties. Advanced analysis of torrefied products. <i>Renewable Energy</i> , 2019 , 141, 894-902	8.1	23
23	Influence of hydrogen co-combustion with diesel fuel on performance, smoke and combustion phases in the compression ignition engine. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 19026-19034	6.7	23
22	Impact of EGR on Combustion Processes in a Hydrogen Fuelled SI Engine 2008 ,		18
21	Dilution of fresh charge for reducing combustion knock in the internal combustion engine fueled with hydrogen rich gases. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 19017-19025	6.7	14
20	A new approach for evaluating biochar quality from Virginia Mallow biomass thermal processing. <i>Journal of Cleaner Production</i> , 2019 , 214, 356-364	10.3	11
19	Theoretical and Experimental Analysis on Co-Gasification of Sewage Sludge with Energetic Crops. <i>Energies</i> , 2019 , 12, 1750	3.1	10
18	Influence of a light source on microalgae growth and subsequent anaerobic digestion of harvested biomass. <i>Biomass and Bioenergy</i> , 2016 , 91, 243-249	5.3	9
17	Anaerobic Digestion Effluents (ADEs) Treatment Coupling with sp. Microalgae Production. <i>Water Environment Research</i> , 2018 , 90, 155-163	2.8	8
16	Vitrification of environmentally harmful by-products from biomass torrefaction process. <i>Journal of Cleaner Production</i> , 2020 , 249, 119427	10.3	6
15	Bio-oil blended butanol as a fuel to the spark ignition internal combustion reciprocating engine. <i>Silniki Spalinowe</i> , 2017 , 169, 93-96	0.7	5

14	Effective Combustion of Glycerol in a Compression Ignition Engine Equipped with Double Direct Fuel Injection. <i>Energies</i> , 2020 , 13, 6349	3.1	4
13	Investigation of Combustion Knock Distribution in a Boosted Methane-Gasoline Blended Fueled SI Engine 2018 ,		4
12	Combustion of the biomethane in an IC engine with over-expanded cycle 2017 ,		4
11	Investigation on ethanol-glycerol blend combustion in the internal combustion sparkignited engine. Engine performance and exhaust emissions. <i>Fuel Processing Technology</i> , 2022 , 226, 107085	7.2	3
10	Determination of the Radiation Exchange Factor in the Bundle of Steel Round Bars. <i>Energies</i> , 2021 , 14, 5263	3.1	3
9	Putrid Potatoes as Biomass Charge to an Agricultural Biomass-to-Biogas Power Plant. <i>Energy Procedia</i> , 2017 , 118, 40-45	2.3	2
8	NEW CONCEPT OF A ROCKER ENGINE KINEMATIC ANALYSIS. <i>Journal of KONES</i> , 2015 , 19, 443-449	0.2	2
7	Producer gas combustion in the internal combustion engine. <i>Silniki Spalinowe</i> , 2010 , 141, 27-32	0.7	2
6	On Determination of the Effective Thermal Conductivity of a Bundle of Steel Bars Using the Krischer Model and Considering Thermal Radiation. <i>Materials</i> , 2021 , 14,	3.5	2
5	Integration of waste biomass thermal processing technology with a metallurgical furnace to improve its efficiency and economic benefit. <i>Clean Technologies and Environmental Policy</i> , 1	4.3	2
4	Conversion of exhaust gases from the internal combustion engine to electrical power at small scale 2017 ,		1
3	Performance and Exhaust Emissions of a Spark Ignition Internal Combustion Engine Fed with Butanol-Glycerol Blend. <i>Energies</i> , 2021 , 14, 6473	3.1	0
2	Impact of Pyrolysis Oil Addition to Ethanol on Combustion in the Internal Combustion Spark Ignition Engine. <i>Clean Technologies</i> , 2021 , 3, 450-461	3.4	0
1	Investigation of Performance and Emission Parameters of Hydroxygen (HHO)-Enriched Diesel Fuel with Water Injection in the Compression Ignition Engine. <i>Clean Technologies</i> , 2021 , 3, 537-562	3.4	0