

Stanislaw Szwaja

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8391648/stanislaw-szwaja-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
30	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
29	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
28	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
27	Determination of the Radiation Exchange Factor in the Bundle of Steel Round Bars. <i>Energies</i> , 2021 , 14, 5263	3.1	3
26	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
25	Effective Combustion of Glycerol in a Compression Ignition Engine Equipped with Double Direct Fuel Injection. <i>Energies</i> , 2020 , 13, 6349	3.1	4
24	Vitrification of environmentally harmful by-products from biomass torrefaction process. <i>Journal of Cleaner Production</i> , 2020 , 249, 119427	10.3	6
23	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
22	Theoretical and Experimental Analysis on Co-Gasification of Sewage Sludge with Energetic Crops. <i>Energies</i> , 2019 , 12, 1750	3.1	10
21	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
20	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
19	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
18	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
17	Investigation of Combustion Knock Distribution in a Boosted Methane-Gasoline Blended Fueled Engine 2018 ,		4
16	Anaerobic Digestion Effluents (ADEs) Treatment Coupling with sp. Microalgae Production. <i>Water Environment Research</i> , 2018 , 90, 155-163	2.8	8
15	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

14	Conversion of exhaust gases from the internal combustion engine to electrical power at small scale 2017 ,		1
13	Putrid Potatoes as Biomass Charge to an Agricultural Biomass-to-Biogas Power Plant. <i>Energy Procedia</i> , 2017 , 118, 40-45	2.3	2
12	Combustion of the biomethane in an IC engine with over-expanded cycle 2017 ,		4
11	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
10	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
9	Alcohol-diesel fuel combustion in the compression ignition engine. <i>Fuel</i> , 2015 , 154, 196-206	7.1	146
8	NEW CONCEPT OF A ROCKER ENGINE KINEMATIC ANALYSIS. <i>Journal of KONES</i> , 2015 , 19, 443-449	0.2	2
7	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
6	Dual nature of hydrogen combustion knock. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 12489-12496	7.4	41
5	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
4	Producer gas combustion in the internal combustion engine. <i>Silniki Spalinowe</i> , 2010 , 141, 27-32	0.7	2
3	Hydrogen combustion in a compression ignition diesel engine. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 4413-4421	6.7	151
2	Impact of EGR on Combustion Processes in a Hydrogen Fuelled SI Engine 2008 ,		18
1	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