

Szymon Szufa

List of Publications by Year in descending order

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papers

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all docs

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docs citations

31
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the Drying Temperature and Grinding Technique on Biomass Grindability. <i>Energies</i> , 2020, 13, 3392.	1.6	46
2	Torrefaction of Straw from Oats and Maize for Use as a Fuel and Additive to Organic Fertilizersâ€”TGA Analysis, Kinetics as Products for Agricultural Purposes. <i>Energies</i> , 2020, 13, 2064.	1.6	38
3	Acquisition of Torrefied Biomass from Jerusalem Artichoke Grown in a Closed Circular System Using Biogas Plant Waste. <i>Molecules</i> , 2020, 25, 3862.	1.7	36
4	Sustainable Drying and Torrefaction Processes of Miscanthus for Use as a Pelletized Solid Biofuel and Biocarbon-Carrier for Fertilizers. <i>Molecules</i> , 2021, 26, 1014.	1.7	31
5	An Extensive Review and Comparison of Modern Biomass Torrefaction Reactors vs. Biomass Pyrolysisâ€”Part 1. <i>Energies</i> , 2022, 15, 2227.	1.6	30
6	Selected Aspects of Combustion Optimization of Coal in Power Plants. <i>Energies</i> , 2020, 13, 2208.	1.6	28
7	The Promotive Effect of Cyanobacteria and Chlorella sp. Foliar Biofertilization on Growth and Metabolic Activities of Willow (<i>Salix viminalis</i> L.) Plants as Feedstock Production, Solid Biofuel and Biochar as C Carrier for Fertilizers via Torrefaction Process. <i>Energies</i> , 2021, 14, 5262.	1.6	26
8	Municipal Solid Waste Mass Balance as a Tool for Calculation of the Possibility of Implementing the Circular Economy Concept. <i>Energies</i> , 2021, 14, 1811.	1.6	24
9	Torrefaction of oat straw to use as solid biofuel, an additive to organic fertilizers for agriculture purposes and activated carbon â€” TGA analysis, kinetics. <i>E3S Web of Conferences</i> , 2020, 154, 02004.	0.2	18
10	Modeling of Transport of Loose Products with the Use of the Non-Grid Method of Discrete Elements (DEM). <i>Processes</i> , 2020, 8, 1489.	1.3	17
11	Potential and Scenarios of Variants of Thermo-Modernization of Single-Family Houses: An Example of the Lubuskie Voivodeship. <i>Energies</i> , 2021, 14, 191.	1.6	17
12	Disc Granulation Process of Carbonation Lime Mud as a Method of Post-Production Waste Management. <i>Energies</i> , 2020, 13, 3419.	1.6	16
13	Experimental Studies on Energy Crops Torrefaction Process Using Batch Reactor to Estimate Torrefaction Temperature and Residence Time. <i>Springer Proceedings in Energy</i> , 2018, , 365-373.	0.2	15
14	Pine Wood and Sewage Sludge Torrefaction Process for Production Renewable Solid Biofuels and Biochar as Carbon Carrier for Fertilizers. <i>Energies</i> , 2021, 14, 8176.	1.6	15
15	Low-Cost Organic Adsorbents for Elemental Mercury Removal from Lignite Flue Gas. <i>Energies</i> , 2021, 14, 2174.	1.6	14
16	The Influence of Hydrodynamic Changes in a System with a Pitched Blade Turbine on Mixing Power. <i>Processes</i> , 2021, 9, 68.	1.3	14
17	Zastosowanie przegrzanej pary w procesie toryfikacji biomasy. <i>Przemysl Chemiczny</i> , 2020, 1, 123-127.	0.0	11
18	Modified Fly Ash-Based Adsorbents (MFA) for Mercury and Carbon Dioxide Removal from Coal-Fired Flue Gases. <i>Energies</i> , 2021, 14, 7101.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Experimental Research and Thermographic Analysis of Heat Transfer Processes in a Heat Pipe Heat Exchanger Utilizing as a Working Fluid R134A. Springer Proceedings in Energy, 2018, , 413-421.	0.2	10
20	Obtaining Granules from Waste Tannery Shavings and Mineral Additives by Wet Pulp Granulation. Molecules, 2020, 25, 5419.	1.7	10
21	Modernization of the Public Transport Bus Fleet in the Context of Low-Carbon Development in Poland. Energies, 2021, 14, 3295.	1.6	8
22	Selected Determinants of Sustainable Transport in the Context of the Development of a Low-Carbon Economy in Poland. Energies, 2021, 14, 5418.	1.6	8
23	Industrial Verification and Research Development of Limeâ€“Gypsum Fertilizer Granulation Method. Minerals (Basel, Switzerland), 2021, 11, 119.	0.8	8
24	Torrefaction Process of Millet and Cane Using Batch Reactor. Springer Proceedings in Energy, 2020, , 371-379.	0.2	7
25	Analysis and Evaluation of Heat Pipe Efficiency to Reduce Low Emission with the Use of Working Agents R134A, R404A and R407C, R410A. Energies, 2021, 14, 1926.	1.6	6
26	Thermographic Analysis and Experimental Work Using Laboratory Installation of Heat Transfer Processes in a Heat Pipe Heat Exchanger Utilizing as a Working Fluid R404A and R407C. Springer Proceedings in Energy, 2020, , 799-807.	0.2	6
27	Numerical Model of Heat Pipes as an Optimization Method of Heat Exchangers. Energies, 2021, 14, 7647.	1.6	6
28	The Comparative Study on the Li-S and Li-ion Batteries Cooperating with the Photovoltaic Array. Energies, 2020, 13, 5109.	1.6	5
29	The Use of the Fourier Series to Analyze the Shaping of Thermodynamic Processes in Heat Engines. Energies, 2021, 14, 2316.	1.6	2