

Jan Kizek

List of Publications by Year in descending order

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18
papers

110
citations

1478458

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1281846

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18
docs citations

18
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107
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Biomass Co-Combustion with Fossil Fuels in the European Context: A Review. Processes, 2021, 9, 100.	2.8	36
2	Influence of Burner Nozzle Parameters Analysis on the Aluminium Melting Process. Applied Sciences (Switzerland), 2019, 9, 1614.	2.5	12
3	Design of methodology for wood chips moisture estimation determined for gasification. EPJ Web of Conferences, 2014, 67, 02069.	0.3	10
4	Cutting Oxygen Production-Related Greenhouse Gas Emissions by Improved Compression Heat Management in a Cryogenic Air Separation Unit. International Journal of Environmental Research and Public Health, 2021, 18, 10370.	2.6	10
5	Experimental Investigation of Primary De-NO _x Methods Application Effects on NO _x and CO Emissions from a Small-Scale Furnace. Processes, 2020, 8, 940.	2.8	9
6	An Investigation of the Techno-Economic and Environmental Aspects of Process Heat Source Change in a Refinery. Processes, 2019, 7, 776.	2.8	8
7	Defining the Mathematical Dependencies of NO _x and CO Emission Generation after Biomass Combustion in Low-Power Boiler. Civil and Environmental Engineering Reports, 2019, 29, 153-163.	0.3	7
8	Performance of an Adsorptive Heat-Moisture Regenerator Based on Silica Gel "Sodium Sulphate. Sustainability, 2020, 12, 5611.	3.2	5
9	Influence of Air Infiltration on Combustion Process Changes in a Rotary Tilting Furnace. Processes, 2020, 8, 1292.	2.8	5
10	Novel Concept of Cogeneration-Integrated Heat Pump-Assisted Fractionation of Alkylation Reactor Effluent for Increased Power Production and Overall CO ₂ Emissions Decrease. Processes, 2020, 8, 183.	2.8	5
11	Adsorptive Solar Refrigerators Based on Composite Adsorbents "Silica Gel " Sodium Sulphate". Civil and Environmental Engineering Reports, 2019, 29, 200-208.	0.3	1
12	Impact of oxygen enhanced combustion of natural gas on thermal efficiency of combustion aggregate. MATEC Web of Conferences, 2018, 168, 07016.	0.2	1
13	Numerical Modelling of Gaseous Fuel Combustion Process with the Stepwise Redistribution of Enriched Combustion Air. MATEC Web of Conferences, 2020, 328, 02001.	0.2	1
14	Intensification of heat transfer by changing the burner nozzle. AIP Conference Proceedings, 2016, , .	0.4	0
15	Influence of oxygen on heat transfer by convection in the experimental device. AIP Conference Proceedings, 2017, , .	0.4	0
16	CAPACITY OF THE INTERSTAND COOLING UNIT IN HOT ROLLING PROCESS. Acta Metallurgica Slovaca, 2014, 20, 381-388.	0.7	0
17	Natural Gas Saving And Emissions Decrease In Public Health Care Sector " A Case Study. Civil and Environmental Engineering Reports, 2019, 29, 102-118.	0.3	0
18	Research of the Impact of the Heating Rate on Adhesion of Scale Arising in the Process of Heating of the Steel Charge Before the Plastic Reworking. New Trends in Production Engineering, 2019, 2, 301-311.	0.3	0