

Aekjuthon Phounglamcheik

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

337
citations

1163117

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1199594

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442
citing authors

#	ARTICLE	IF	CITATIONS
1	A Shortcut Method to Predict Particle Size Changes during Char Combustion and Gasification under regime II Conditions. <i>Combustion Science and Technology</i> , 2022, 194, 272-291.	2.3	2
2	The significance of intraparticle and interparticle diffusion during CO ₂ gasification of biomass char in a packed bed. <i>Fuel</i> , 2022, 310, 122302.	6.4	8
3	Self-Heating of Biochar during Postproduction Storage by O ₂ Chemisorption at Low Temperatures. <i>Energies</i> , 2022, 15, 380.	3.1	1
4	Effect of calcium dispersion and graphitization during high-temperature pyrolysis of beech wood char on the gasification rate with CO ₂ . <i>Fuel</i> , 2021, 283, 118826.	6.4	20
5	Flammability and mechanical properties of biochars made in different pyrolysis reactors. <i>Biomass and Bioenergy</i> , 2021, 152, 106197.	5.7	8
6	CO ₂ Gasification Reactivity of Char from High-Ash Biomass. <i>ACS Omega</i> , 2021, 6, 34115-34128.	3.5	8
7	Effects of Pyrolysis Conditions and Feedstocks on the Properties and Gasification Reactivity of Charcoal from Woodchips. <i>Energy & Fuels</i> , 2020, 34, 8353-8365.	5.1	36
8	Use of biomass in integrated steelmaking – Status quo, future needs and comparison to other low-CO ₂ steel production technologies. <i>Applied Energy</i> , 2018, 213, 384-407.	10.1	147
9	Increasing Efficiency of Charcoal Production with Bio-Oil Recycling. <i>Energy & Fuels</i> , 2018, 32, 9650-9658.	5.1	18
10	Slow pyrolysis of by-product lignin from wood-based ethanol production – A detailed analysis of the produced chars. <i>Energy</i> , 2018, 164, 112-123.	8.8	30
11	Pyrolysis of Wood in a Rotary Kiln Pyrolyzer: Modeling and Pilot Plant Trials. <i>Energy Procedia</i> , 2017, 105, 908-913.	1.8	10
12	Modeling and pilot plant runs of slow biomass pyrolysis in a rotary kiln. <i>Applied Energy</i> , 2017, 207, 123-133.	10.1	49