Anthony De Girolamo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11680597/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Inhibition of lignite ash slagging and fouling upon the use of a silica-based additive in an industrial pulverised coal-fired boiler. Part 1. Changes on the properties of ash deposits along the furnace. Fuel, 2015, 139, 720-732.	6.4	95
2	Characteristics of Ash Deposits in a Pulverized Lignite Coal-Fired Boiler and the Mass Flow of Major Ash-Forming Inorganic Elements. Energy & Fuels, 2013, 27, 6198-6211.	5.1	70
3	Catalytic performance of scrap tyre char for the upgrading of eucalyptus pyrolysis derived bio-oil via cracking and deoxygenation. Journal of Analytical and Applied Pyrolysis, 2019, 139, 167-176.	5.5	44
4	Inhibition of lignite ash slagging and fouling upon the use of a silica-based additive in an industrial pulverised coal-fired boiler: Part 2. Speciation of iron in ash deposits and separation of magnetite and ferrite. Fuel, 2015, 139, 733-745.	6.4	35
5	Scrap tyre pyrolysis: Modified chemical percolation devolatilization (M-CPD) to describe the influence of pyrolysis conditions on product yields. Waste Management, 2018, 76, 516-527.	7.4	26
6	Influence of biomass blends on the particle temperature and burnout characteristics during oxy-fuel co-combustion of coal. Journal of the Energy Institute, 2020, 93, 1-14.	5.3	24
7	Energy Evaluation and Techno-economic Analysis of Low-Rank Coal (Victorian Brown Coal) Utilization for the Production of Multi-products in a Drying–Pyrolysis Process. Energy & Fuels, 2018, 32, 3211-3224.	5.1	22
8	Inhibition of lignite ash slagging and fouling upon the use of a silica-based additive in an industrial pulverised coal-fired boiler: Part 3 – Partitioning of trace elements. Fuel, 2015, 139, 746-756.	6.4	17
9	Ignitability and Combustibility of Yallourn Pyrolysis Char Blended with Pulverized Coal Injection Coal under Simulated Blast Furnace Conditions. Energy & Fuels, 2016, 30, 1858-1868.	5.1	15
10	Ignitability and combustibility of Yallourn pyrolysis char under simulated blast furnace conditions. Fuel Processing Technology, 2017, 156, 113-123.	7.2	14
11	Secondary reactions of volatiles upon the influences of particle temperature discrepancy and gas environment during the pyrolysis of scrap tyre chips. Fuel, 2020, 259, 116291.	6.4	14
12	Pyrolysis of a lignite briquette – Experimental investigation and 1-dimensional modelling approach. Fuel, 2018, 212, 533-545.	6.4	11
13	Pyrohydrolysis of CaCl ₂ Waste for the Recovery of HCl Acid upon the Synergistic Effects from MgCl ₂ and Silica. ACS Sustainable Chemistry and Engineering, 2019, 7, 3349-3355.	6.7	10
14	Co-Gasification of Treated Solid Recovered Fuel Residue by Using Minerals Bed and Biomass Waste Blends. Energies, 2020, 13, 2081.	3.1	10
15	Emission of Organically Bound Elements during the Pyrolysis and Char Oxidation of Lignites in Air and Oxyfuel Combustion Mode. Energy & Fuels, 2014, 28, 4167-4176.	5.1	9