

Raquel PÃ©rez-Orozco

List of Publications by Year in descending order

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16
docs citations

16
times ranked

341
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance analysis of a small-scale electrostatic precipitator with biomass combustion. Biomass and Bioenergy, 2022, 162, 106500.	5.7	8
2	TG/DSC and kinetic parametrization of the combustion of agricultural and forestry residues. Biomass and Bioenergy, 2022, 162, 106485.	5.7	4
3	Experimental Study of the Performance of a Laboratory-Scale ESP with Biomass Combustion: Discharge Electrode Disposition, Dynamic Control Unit and Aging Effect. Sustainability, 2021, 13, 10344.	3.2	3
4	Biological systems for CCS: Patent review as a criterion for technological development. Applied Energy, 2020, 257, 114032.	10.1	12
5	Novel Test Bench for the Active Reduction of Biomass Particulate Matter Emissions. Sustainability, 2020, 12, 422.	3.2	12
6	PM reduction and flame confinement in biomass combustion using a porous inert material. Fuel, 2020, 280, 118496.	6.4	6
7	The effect of primary measures for controlling biomass bed temperature on PM emission through analysis of the generated residues. Fuel, 2020, 280, 118702.	6.4	5
8	Flue Gas Recirculation during Biomass Combustion: Implications on PM Release. Energy & Fuels, 2020, 34, 11112-11122.	5.1	11
9	Viability of Agricultural and Forestry Residues as Biomass Fuels in the Galicia-North Portugal Region: An Experimental Study. Sustainability, 2020, 12, 8206.	3.2	6
10	Bed cooling effects in solid particulate matter emissions during biomass combustion. A morphological insight. Energy, 2020, 205, 118088.	8.8	8
11	Influence of the Feeding Rate on the Transient Behavior of a Biomass Combustor. Chemical Engineering and Technology, 2019, 42, 2520-2529.	1.5	8
12	Viability Evaluation of Three Grass Biofuels: Experimental Study in a Small-Scale Combustor. Energies, 2019, 12, 1352.	3.1	8
13	Characterization of biomass PM emissions using thermophoretic sampling: Composition and morphological description of the carbonaceous residues. Journal of Aerosol Science, 2019, 127, 49-62.	3.8	20
14	Evolution of CO2 capture technology between 2007 and 2017 through the study of patent activity. Applied Energy, 2018, 211, 1282-1296.	10.1	95
15	Technology Evolution in Membrane-Based CCS. Energies, 2018, 11, 3153.	3.1	22
16	Experimental Study of the Viability of Low-Grade Biofuels in Small-Scale Appliances. Sustainability, 2017, 9, 1823.	3.2	11