

Jose Soria

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

514
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar pyrolysis of carbonaceous feedstocks: A review. Solar Energy, 2017, 156, 73-92.	6.1	113
2	Product distribution from solar pyrolysis of agricultural and forestry biomass residues. Renewable Energy, 2016, 89, 27-35.	8.9	66
3	Macro-TGA steam-assisted gasification of lignocellulosic wastes. Journal of Environmental Management, 2019, 233, 626-635.	7.8	61
4	Integral valorization of fruit waste from wine and cider industries. Journal of Cleaner Production, 2020, 242, 118486.	9.3	60
5	Modeling of beech wood pellet pyrolysis under concentrated solar radiation. Renewable Energy, 2016, 99, 721-729.	8.9	39
6	Comprehensive CFD modelling of solar fast pyrolysis of beech wood pellets. Fuel Processing Technology, 2017, 158, 226-237.	7.2	38
7	Influence of pellet size on product yields and syngas composition during solar-driven high temperature fast pyrolysis of biomass. Journal of Analytical and Applied Pyrolysis, 2019, 140, 299-311.	5.5	29
8	Local CFD kinetic model of cadmium vaporization during fluid bed incineration of municipal solid waste. Journal of Hazardous Materials, 2013, 248-249, 276-284.	12.4	25
9	Clean recovery of phenolic compounds, pyro-gasification thermokinetics, and bioenergy potential of spent agro-industrial bio-wastes. Biomass Conversion and Biorefinery, 2023, 13, 12509-12526.	4.6	24
10	Coupling scales for modelling heavy metal vaporization from municipal solid waste incineration in a fluid bed by CFD. Waste Management, 2015, 43, 176-187.	7.4	20
11	Cleaner and sustainable processes for extracting phenolic compounds from bio-waste. Journal of Environmental Management, 2020, 273, 111154.	7.8	14
12	Environmental Friendly Fluidized Bed Combustion of Solid Fuels: A Review About Local Scale Modeling of Char Heterogeneous Combustion. Waste and Biomass Valorization, 2016, 7, 237-266.	3.4	13
13	Nonisothermal particle modeling of municipal solid waste combustion with heavy metal vaporization. Combustion and Flame, 2010, 157, 2306-2317.	5.2	8
14	Computational fluid dynamics simulations of heat transfer between the denseâ€phase of a highâ€temperature fluidized bed and an immersed surface. AIChE Journal, 2012, 58, 412-426.	3.6	4
15	A CFD ANALYSIS OF THE INFLUENCE OF PLENUM CONFIGURATIONS ON GAS DISTRIBUTION IN A FLUIDIZED BED. Latin American Applied Research, 2020, 50, 83-88.	0.4	0