

# Jose Soria

## List of Publications by Year in descending order

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15  
papers

514  
citations

758635

12  
h-index

1058022

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. <i>Solar Energy</i> , 2017, 156, 73-92.	2.9	113
2	Product distribution from solar pyrolysis of agricultural and forestry biomass residues. <i>Renewable Energy</i> , 2016, 89, 27-35.	4.3	66
3	Macro-TGA steam-assisted gasification of lignocellulosic wastes. <i>Journal of Environmental Management</i> , 2019, 233, 626-635.	3.8	61
4	Integral valorization of fruit waste from wine and cider industries. <i>Journal of Cleaner Production</i> , 2020, 242, 118486.	4.6	60
5	Modeling of beech wood pellet pyrolysis under concentrated solar radiation. <i>Renewable Energy</i> , 2016, 99, 721-729.	4.3	39
6	Comprehensive CFD modelling of solar fast pyrolysis of beech wood pellets. <i>Fuel Processing Technology</i> , 2017, 158, 226-237.	3.7	38
7	Influence of pellet size on product yields and syngas composition during solar-driven high temperature fast pyrolysis of biomass. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 140, 299-311.	2.6	29
8	Local CFD kinetic model of cadmium vaporization during fluid bed incineration of municipal solid waste. <i>Journal of Hazardous Materials</i> , 2013, 248-249, 276-284.	6.5	25
9	Clean recovery of phenolic compounds, pyro-gasification thermokinetics, and bioenergy potential of spent agro-industrial bio-wastes. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 12509-12526.	2.9	24
10	Coupling scales for modelling heavy metal vaporization from municipal solid waste incineration in a fluid bed by CFD. <i>Waste Management</i> , 2015, 43, 176-187.	3.7	20
11	Cleaner and sustainable processes for extracting phenolic compounds from bio-waste. <i>Journal of Environmental Management</i> , 2020, 273, 111154.	3.8	14
12	Environmental Friendly Fluidized Bed Combustion of Solid Fuels: A Review About Local Scale Modeling of Char Heterogeneous Combustion. <i>Waste and Biomass Valorization</i> , 2016, 7, 237-266.	1.8	13
13	Nonisothermal particle modeling of municipal solid waste combustion with heavy metal vaporization. <i>Combustion and Flame</i> , 2010, 157, 2306-2317.	2.8	8
14	Computational fluid dynamics simulations of heat transfer between the dense phase of a high temperature fluidized bed and an immersed surface. <i>AIChE Journal</i> , 2012, 58, 412-426.	1.8	4
15	A CFD ANALYSIS OF THE INFLUENCE OF PLENUM CONFIGURATIONS ON GAS DISTRIBUTION IN A FLUIDIZED BED. <i>Latin American Applied Research</i> , 2020, 50, 83-88.	0.2	0