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List of Publications by Year in descending order

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14
papers

525
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Three integrated process simulation using aspen plus®: Pine gasification, syngas cleaning and methanol synthesis. Energy Conversion and Management, 2018, 177, 416-427.	9.2	134
2	Life cycle assessment of swine and dairy manure: Pyrolysis and combustion processes. Bioresource Technology, 2015, 182, 184-192.	9.6	86
3	Simulation of biomass gasification in bubbling fluidized bed reactor using aspen plus®. Energy Conversion and Management, 2021, 235, 113981.	9.2	65
4	Energetic, economic and environmental assessment of the pyrolysis and combustion of microalgae and their oils. Renewable and Sustainable Energy Reviews, 2015, 51, 1752-1770.	16.4	59
5	Synergistic effect in the steam co-gasification of olive pomace, coal and petcoke: Thermogravimetric-mass spectrometric analysis. Energy Conversion and Management, 2018, 159, 140-150.	9.2	39
6	Dolomite effect on steam co-gasification of olive pomace, coal and petcoke: TGA-MS analysis, reactivity and synergistic effect. Fuel, 2018, 234, 142-150.	6.4	32
7	CO ₂ gasification of dairy and swine manure: A life cycle assessment approach. Renewable Energy, 2016, 95, 552-560.	8.9	28
8	Effect of different concentrations of O ₂ under inert and CO ₂ atmospheres on the swine manure combustion process. Fuel, 2017, 195, 23-32.	6.4	24
9	Comparison of three Mexican biomasses valorization through combustion and gasification: Environmental and economic analysis. Energy, 2019, 189, 116095.	8.8	19
10	Obtaining activated biochar from olive stone using a bench scale high-pressure thermobalance. Journal of Environmental Chemical Engineering, 2021, 9, 105374.	6.7	16
11	Pyrolysis process using a bench scale high pressure thermobalance. Fuel Processing Technology, 2017, 167, 345-354.	7.2	11
12	Is methanol synthesis from co-gasification of olive pomace and petcoke economically feasible?. Fuel, 2020, 278, 118284.	6.4	6
13	Impact of the forecast price on economic results for methanol production from olive waste. Fuel, 2021, 295, 120631.	6.4	4
14	Multi-criteria analysis for selecting the optimum blend in the co-gasification process. Computers and Chemical Engineering, 2020, 141, 106983.	3.8	2