

Ewa J Marek

List of Publications by Year in descending order

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15
papers

286
citations

1040056

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15
all docs

15
docs citations

15
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual Special Issue of Recent Advances in Fundamentals of Biomass and Biofuel Combustion. Energy & Fuels, 2022, 36, 1-5.	5.1	2
2	How does the oxidation and reduction time affect the chemical looping epoxidation of ethylene?. Discover Chemical Engineering, 2022, 2, 1.	2.2	4
3	Chemical Looping Combustion of a Biomass Char in Fe ₂ O ₃ , CuO-, and SrFeO ₃ -Based Oxygen Carriers. Energy & Fuels, 2022, 36, 9437-9449.	5.1	9
4	The effect of CO on CO ₂ -char gasification. Proceedings of the Combustion Institute, 2021, 38, 4261-4269.	3.9	4
5	Analysis of the rate of combustion of biomass char in a fluidised bed of CLOU particles. Chemical Engineering Journal, 2021, 417, 127942.	12.7	8
6	The use of strontium ferrite perovskite as an oxygen carrier in the chemical looping epoxidation of ethylene. Applied Catalysis B: Environmental, 2021, 286, 119821.	20.2	10
7	Effect of catalyst preparation and storage on chemical looping epoxidation of ethylene. Chemical Engineering Journal, 2021, 417, 127981.	12.7	13
8	Combustion of Biomass in Fluidized Beds: A Review of Key Phenomena and Future Perspectives. Energy & Fuels, 2021, 35, 16303-16334.	5.1	21
9	High selectivity epoxidation of ethylene in chemical looping setup. Applied Catalysis B: Environmental, 2020, 262, 118216.	20.2	19
10	Measurement of the times for pyrolysis and the thermal diffusivity of a pyrolysing particle of wood and also of the resulting char. Combustion and Flame, 2020, 212, 510-518.	5.2	10
11	A thermogravimetric method for the measurement of CO/CO ₂ ratio at the surface of carbon during combustion. Proceedings of the Combustion Institute, 2019, 37, 2987-2993.	3.9	9
12	Chemical looping epoxidation. Journal of Catalysis, 2018, 359, 1-7.	6.2	46
13	Enhancement of char gasification in CO ₂ during chemical looping combustion. Chemical Engineering Journal, 2018, 354, 137-148.	12.7	23
14	The use of strontium ferrite in chemical looping systems. Applied Energy, 2018, 223, 369-382.	10.1	65
15	Experimental studies of single particle combustion in air and different oxy-fuel atmospheres. Applied Thermal Engineering, 2014, 66, 35-42.	6.0	43