

Ewa J Marek

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

286
citations

1040056

9
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

320
citing authors

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