Yooseob Won

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11766990/publications.pdf

Version: 2024-02-01

15	145	1478505 6	1199594 12
papers	citations	h-index	g-index

15	15	15	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Attrition rate of CO2 adsorbent in bubbling fluidized beds. Advanced Powder Technology, 2022, 33, 103351.	4.1	2
2	Studies on the cyclone dipleg flow characteristics in a CFB for designing 3 MWth scale chemical looping combustor. Energy, 2022, 253, 124154.	8.8	1
3	Performance of a silica-polyethyleneimine adsorbent for post-combustion CO2 capture on a 100Âkg scale in a fluidized bed continuous unit. Chemical Engineering Journal, 2021, 407, 127209.	12.7	7
4	CO2 methanation in a bench-scale bubbling fluidized bed reactor using Ni-based catalyst and its exothermic heat transfer analysis. Energy, 2021, 214, 118895.	8.8	23
5	Effects of Temperature, Pressure, Gas Velocity, and Capacity on Reduction Characteristics of Mass Produced Particle in a 0.5 MWth Chemical Looping Combustion System. Transactions of the Korean Hydrogen and New Energy Society, 2021, 32, 53-62.	0.6	2
6	Combustion Characteristics of Natural Gas and Syngas Using Mass Produced Oxygen Carrier Particle in a 0.5 MWth Chemical Looping Combustion System. Transactions of the Korean Hydrogen and New Energy Society, 2021, 32, 134-142.	0.6	5
7	Characteristics of fractionated drop-in liquid fuel of plastic wastes from a commercial pyrolysis plant. Waste Management, 2021, 126, 411-422.	7.4	35
8	A modified correlation to calculate the transport velocity for pressurized chemical looping combustion. Powder Technology, 2021, 393, 421-426.	4.2	2
9	Drop-in fuel production with plastic waste pyrolysis oil over catalytic separation. Fuel, 2021, 305, 121440.	6.4	28
10	Basic Design and Sensitivity Analysis of 3 MWth Chemical Looping Combustion System for LNG Combustion and Steam Generation. Transactions of the Korean Hydrogen and New Energy Society, 2021, 32, 374-387.	0.6	4
11	Hydrodynamics and heat transfer coefficients during CO2 carbonation reaction in a circulated fluidized bed reactor using 200Âkg potassium-based dry sorbent. Energy, 2020, 193, 116643.	8.8	12
12	Rate of CO2 adsorbent attrition induced by gas jets on perforated plate distributors in bubbling fluidized beds. Advanced Powder Technology, 2020, 31, 4411-4419.	4.1	6
13	Post-combustion CO2 capture process in a circulated fluidized bed reactor using 200Âkg potassium-based sorbent: The optimization of regeneration condition. Energy, 2020, 208, 118188.	8.8	10
14	Carbon dioxide capture from a real coal-fired flue gas using K-based solid sorbents in a 0.5 MWe-scale test-bed facility. International Journal of Greenhouse Gas Control, 2020, 103, 103192.	4.6	3
15	Effect of pressure on transport velocity in gas fluidized-beds. Advanced Powder Technology, 2019, 30, 2076-2082.	4.1	5