

# Yooseob Won

## List of Publications by Year in descending order

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15  
papers

145  
citations

1478505

6  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

124  
citing authors

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