

# Donghoi Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5763816/publications.pdf>

Version: 2024-02-01

12  
papers

219  
citations

1307594

7  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal recovery of thermal energy in liquid air energy storage. Energy, 2022, 240, 122810.	8.8	19
2	Energy, economic and environmental analysis of a BOG re-liquefaction process for an LNG carrier. Energy Reports, 2022, 8, 2351-2362.	5.1	9
3	Low Temperature Applications for CO2 Capture in Hydrogen Production. Computer Aided Chemical Engineering, 2020, , 445-450.	0.5	6
4	Use of exergy efficiency for the optimization of LNG processes with NGL extraction. Energy, 2020, 197, 117232.	8.8	10
5	Optimization of a dual mixed refrigerant process using a nonsmooth approach. Energy, 2020, 196, 116999.	8.8	19
6	Modeling and Simulation of a Waste Tire to Liquefied Synthetic Natural Gas (SNG) Plant. Computer Aided Chemical Engineering, 2019, , 397-402.	0.5	4
7	Process design and economic optimization of boil-off-gas re-liquefaction systems for LNG carriers. Energy, 2019, 173, 1119-1129.	8.8	39
8	A study of working fluids for Organic Rankine Cycles (ORCs) operating across and below ambient temperature to utilize Liquefied Natural Gas (LNG) cold energy. Energy, 2019, 167, 730-739.	8.8	80
9	Optimal Use of Liquefied Natural Gas (LNG) Cold Energy in Air Separation Units. Industrial & Engineering Chemistry Research, 2018, 57, 5914-5923.	3.7	23
10	Development and use of exergy efficiency for complex cryogenic processes. Energy Conversion and Management, 2018, 171, 890-902.	9.2	9
11	Modeling and simulation of phase change and non-ideality in multistream heat exchangers. Computer Aided Chemical Engineering, 2016, 38, 505-510.	0.5	1
12	A framework for evaluating the effect of oxygen carrier characteristics on the performance of industrial-scale CLC using solid fuels. SSRN Electronic Journal, 0, , .	0.4	0