

Yajun Li

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

305
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	DES/CCHP: The best utilization mode of natural gas for China's low carbon economy. Energy Policy, 2013, 53, 477-483.	8.8	53
2	Exergy-analysis based comparative study of absorption refrigeration and electric compression refrigeration in CCHP systems. Applied Thermal Engineering, 2016, 93, 1228-1237.	6.0	47
3	Integration of light hydrocarbons cryogenic separation process in refinery based on LNG cold energy utilization. Chemical Engineering Research and Design, 2015, 93, 632-639.	5.6	33
4	Flexible and cost-effective optimization of BOG (boil-off gas) recondensation process at LNG receiving terminals. Chemical Engineering Research and Design, 2012, 90, 1500-1505.	5.6	32
5	Application of Highly Accurate Phase-Equilibrium Models for CO ₂ Freezing Prediction of Natural Gas System. Industrial & Engineering Chemistry Research, 2016, 55, 5780-5787.	3.7	32
6	Dynamic optimization of the Boil-Off Gas (BOG) fluctuations at an LNG receiving terminal. Journal of Natural Gas Science and Engineering, 2016, 30, 322-330.	4.4	24
7	A policy study examining the use of imported LNG for gas-fired power generation on the southeast coast of China. Energy Policy, 2010, 38, 896-901.	8.8	18
8	System optimization of turbo-expander process for natural gas liquid recovery. Chemical Engineering Research and Design, 2017, 124, 159-169.	5.6	14
9	Energy-effective carbon dioxide capture and storage design in hydrogen production from liquefied natural gas. International Journal of Energy Research, 2021, 45, 9408-9421.	4.5	12
10	DYNAMIC SIMULATION FOR IMPROVING THE PERFORMANCE OF BOIL-OFF GAS RECONDENSATION SYSTEM AT LNG RECEIVING TERMINALS. Chemical Engineering Communications, 2012, 199, 1251-1262.	2.6	8
11	Optimization methods for flexibility and stability related to the operation of LNG receiving terminals. Energy, 2022, 250, 123620.	8.8	8
12	Study on the operation strategy for integrated energy system with multiple complementary energy based on developed superstructure model. International Journal of Energy Research, 2019, 43, 6951.	4.5	7
13	Boil-Off Gas Two-Stage Compression and Recondensation Process at a Liquefied Natural Gas Receiving Terminal. Chemical Engineering and Technology, 2017, 40, 18-27.	1.5	6
14	Cost-effective optimization design of light hydrocarbon recovery process based on exergy analysis. Applied Thermal Engineering, 2019, 163, 114433.	6.0	3
15	Application of heat pump in combined heat and power central heating system and exergy analysis. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2312.	1.5	3
16	Integration of LNG Regasification Process in Natural Gas-Fired Power System with Oxy-Fuel Combustion. Journal of Thermal Science, 2022, 31, 1351-1366.	1.9	3
17	Developing China's coalbed methane: Environmental and resource security benefits. Environmental Quality Management, 2008, 17, 45-51.	1.9	1
18	Operation optimization of regional integrated energy system considering demand response of cooling, heating and electricity flexible loads. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Highly Accurate Prediction Method for Thermophysical Properties of Cryogenic Phase Change Materials. Chemical Engineering and Technology, 2020, 43, 1167-1175.	1.5	0
20	A Planning Method of Integrated Energy System Based On Gas Turbine Installed Capacity Optimization., 2021, , .		0