

Di Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7870627/publications.pdf>

Version: 2024-02-01

22
papers

613
citations

758635

12
h-index

839053

18
g-index

22
all docs

22
docs citations

22
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges towards hydrogen economy in China. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 34326-34345.	3.8	133
2	Sustainability decision support framework for industrial system prioritization. <i>AIChE Journal</i> , 2016, 62, 108-130.	1.8	74
3	Energy-efficient extractive pressure-swing distillation for separating binary minimum azeotropic mixture dimethyl carbonate and ethanol. <i>Separation and Purification Technology</i> , 2019, 229, 115817.	3.9	57
4	A sustainability assessment methodology for prioritizing the technologies of groundwater contamination remediation. <i>Journal of Cleaner Production</i> , 2016, 112, 4647-4656.	4.6	55
5	Using multi-criteria analysis to prioritize renewable energy home heating technologies. <i>Sustainable Energy Technologies and Assessments</i> , 2018, 29, 36-43.	1.7	50
6	Life Cycle Sustainability Assessment of Chemical Processes: A Vector-Based Three-Dimensional Algorithm Coupled with AHP. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 11216-11227.	1.8	49
7	Route selection for low-carbon ammonia production: A sustainability prioritization framework based-on the combined weights and projection ranking by similarity to referencing vector method. <i>Journal of Cleaner Production</i> , 2018, 193, 263-276.	4.6	30
8	Portfolio selection of renewable energy-powered desalination systems with sustainability perspective: A novel MADM-based framework under data uncertainties. <i>Journal of Cleaner Production</i> , 2020, 275, 124114.	4.6	28
9	Technology selection for sustainable hydrogen production: A multi-criteria assessment framework under uncertainties based on the combined weights and interval best-worst projection method. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 34396-34411.	3.8	26
10	Sustainability Assessment Framework for Chemical Processes Selection under Uncertainties: A Vector-Based Algorithm Coupled with Multicriteria Decision-Making Approaches. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 7999-8010.	1.8	25
11	Strategic diagnosis of China's modern coal-to-chemical industry using an integrated SWOT-MCDM framework. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 517-532.	2.1	17
12	Sustainability prioritization of sewage sludge to energy scenarios with hybrid-data consideration: a fuzzy decision-making framework based on full consistency method and fusion ranking model. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5548-5565.	2.7	14
13	Decision-Making for Sustainability Enhancement of Chemical Systems under Uncertainties: Combining the Vector-Based Multiattribute Decision-Making Method with Weighted Multiobjective Optimization Technique. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 12066-12079.	1.8	10
14	Sustainability prioritization of energy systems by developing an integrated decision support framework with hybrid-data consideration. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 39, 100719.	1.7	10
15	Introduction of Hydrogen Routines. , 2017, , 35-54.		9
16	Solvent extraction of butyl acetate from lovastatin wastewater using liquid paraffin. <i>Desalination</i> , 2012, 286, 94-98.	4.0	7
17	Proposal of a hybrid decision-making framework for the prioritization of express packaging recycling patterns. <i>Environment, Development and Sustainability</i> , 2023, 25, 2610-2647.	2.7	7
18	Comprehensive evaluation of sustainable ammonia production systems based on fuzzy multiattribute decision making under hybrid information. <i>Energy Science and Engineering</i> , 2020, 8, 1902-1923.	1.9	5

#	ARTICLE	IF	CITATIONS
19	A composite life cycle sustainability index for sustainability prioritization of industrial systems. , 2020, , 225-252.		3
20	Sustainability Decision Support Framework for the Prioritization of Hydrogen Energy Systems. , 2017, , 225-276.		2
21	Contributions in renewable energy systems: A perspective from the latest publications of FCSE. Frontiers of Chemical Science and Engineering, 2019, 13, 632-635.	2.3	2
22	Developing a Composite Energy Security Index for Measuring China's Integrated Energy Security Performances from 2002 to 2016. , 2021, , 139-172.		0