

Xuexiu Jia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

336
citations

8
h-index

18
g-index

23
ext. papers

435
ext. citations

7.9
avg, IF

4.33
L-index

#	Paper	IF	Citations
20	New directions in the implementation of Pinch Methodology (PM). <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 98, 439-468	16.2	160
19	Analyzing the Energy Consumption, GHG Emission, and Cost of Seawater Desalination in China. <i>Energies</i> , 2019 , 12, 463	3.1	46
18	Regional Water Resources Assessment using Water Scarcity Pinch Analysis. <i>Resources, Conservation and Recycling</i> , 2020 , 157, 104749	11.9	33
17	Targeting the cogeneration potential for Total Site utility systems. <i>Journal of Cleaner Production</i> , 2018 , 170, 625-635	10.3	21
16	An iterative method for design of total water networks with multiple contaminants. <i>Journal of Cleaner Production</i> , 2019 , 240, 118098	10.3	13
15	Life cycle assessment of cleaner production measures in monosodium glutamate production: A case study in China. <i>Journal of Cleaner Production</i> , 2020 , 270, 122126	10.3	11
14	Water Availability Footprint Addressing Water Quality. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2019 , 7, 72-86	1.9	11
13	An iterative design approach for water networks with multiple regeneration units. <i>Journal of Cleaner Production</i> , 2020 , 271, 122483	10.3	9
12	Process assessment, integration and optimisation: The path towards cleaner production. <i>Journal of Cleaner Production</i> , 2021 , 281, 124602	10.3	7
11	Environmental performance assessment of the chemical industries involved in the Responsible Care Program: Case study of the Russian Federation. <i>Journal of Cleaner Production</i> , 2019 , 222, 971-985	10.3	6
10	Internal and Total Site Water Network Design with Water Mains Using Pinch-Based and Optimization Approaches. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 6639-6658	8.3	6
9	Greener production of cellulose nanocrystals: An optimised design and life cycle assessment. <i>Journal of Cleaner Production</i> , 2022 , 345, 131073	10.3	3
8	Total Site Utility Systems Structural Design Considering Environmental Impacts. <i>Computer Aided Chemical Engineering</i> , 2018 , 43, 1305-1310	0.6	2
7	Cost-Based Quantitative-Qualitative Water Footprint Considering Multiple Contaminants. <i>Resources, Conservation and Recycling</i> , 2021 , 168, 105339	11.9	2
6	Energy-saving design and control strategy towards modern sustainable greenhouse: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 164, 112602	16.2	1
5	Agent-based model for simulation of the sustainability revolution in eco-industrial parks. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
4	Changes in water use and wastewater generation influenced by the COVID-19 pandemic: A case study of China.. <i>Journal of Environmental Management</i> , 2022 , 314, 115024	7.9	0

- 3 Design of total water networks of multiple properties based on operator potential concepts and an iterative procedure. *Energy and Environment*, **2020**, 0958305X2091940 2.4
- 2 Integrated software suite for heat recovery networks and equipment design. *Computers and Chemical Engineering*, **2022**, 161, 107742 4
- 1 Research on Classification Method of Building Function Oriented to Urban Building Stock Management. *Sustainability*, **2022**, 14, 5871 3.6