

Chao Chen

List of Publications by Year in Descending Order

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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.

12
papers

284
citations

6
h-index

12
g-index

12
ext. papers

399
ext. citations

7.6
avg. IF

4.39
L-index

#	Paper	IF	Citations
12	Renewable methanol production: Understanding the interplay between storage sizing, renewable mix and dispatchable energy price. <i>Advances in Applied Energy</i> , 2021 , 2, 100021		5
11	Levelling renewable power output using hydrogen-based storage systems: A techno-economic analysis. <i>Journal of Energy Storage</i> , 2021 , 37, 102413	7.8	4
10	Signalling the cost of intermittency: What is the value of curtailed renewable power?. <i>Journal of Cleaner Production</i> , 2021 , 302, 126998	10.3	2
9	Using dispatchable energy price to influence renewable penetration in chemical production. <i>Journal of Cleaner Production</i> , 2021 , 307, 127274	10.3	2
8	Power-to-methanol: The role of process flexibility in the integration of variable renewable energy into chemical production. <i>Energy Conversion and Management</i> , 2021 , 228, 113673	10.6	22
7	A Review of Technical Advances, Barriers, and Solutions in the Power to Hydrogen (P2H) Roadmap. <i>Engineering</i> , 2020 , 6, 1364-1380	9.7	23
6	Direct and indirect electrification of chemical industry using methanol production as a case study. <i>Applied Energy</i> , 2019 , 243, 71-90	10.7	28
5	Shape Control of Soft Nanoparticles and Their Assemblies. <i>Chemistry of Materials</i> , 2017 , 29, 1918-1945	9.6	64
4	Phase Separated Block Copolymer Particles with Tuneable Morphologies: Striped, Onion, and Patchy Particles. <i>Australian Journal of Chemistry</i> , 2016 , 69, 741	1.2	13
3	Three-Dimensional Printing of pH-Responsive and Functional Polymers on an Affordable Desktop Printer. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 28946-28954	9.5	118
2	Spatial control of flocculation via light. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 3407-3410	2.5	2
1	Reinforcement of proton-exchange membrane fuel cell performance through a novel flow field design with auxiliary channels and a hole array. <i>AICHE Journal</i> , e17461	3.6	1