

# Chao Chen

## 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.

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