

# Chenchen Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5605047/publications.pdf>

Version: 2024-02-01

7  
papers

425  
citations

1307594

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1720034

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times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spheres Multiple Physical Network-Based Triboelectric Materials for Self-Powered Contactless Sensing. <i>Small</i> , 2022, 18, e2200577.	10.0	24
2	Hierarchical Porous Cellulosic Triboelectric Materials for Extreme Environmental Conditions. <i>Small Methods</i> , 2022, 6, .	8.6	37
3	Improved Capture and Removal Efficiency of Gaseous Acetaldehyde by a Self-Powered Photocatalytic System with an External Electric Field. <i>ACS Nano</i> , 2021, 15, 10577-10586.	14.6	70
4	Super-hydrophobic Cellulose Nanofiber Air Filter with Highly Efficient Filtration and Humidity Resistance. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24032-24041.	8.0	84
5	Chemically Functionalized Cellulose Nanofibrils for Improving Triboelectric Charge Density of a Triboelectric Nanogenerator. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18678-18685.	6.7	77
6	Effect of starch film containing thyme essential oil microcapsules on physicochemical activity of mango. <i>LWT - Food Science and Technology</i> , 2020, 131, 109700.	5.2	71
7	Preparation and antimicrobial activity of thyme essential oil microcapsules prepared with gum arabic. <i>RSC Advances</i> , 2019, 9, 19740-19747.	3.6	62