

Chenchen Cai

List of Publications by Year in descending order

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7
papers

425
citations

1307594

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h-index

1720034

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all docs

7
docs citations

7
times ranked

301
citing authors

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