

Wenkai Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	Preparation of an Amine-Modified Cellulose Nanocrystal Aerogel by Chemical Vapor Deposition and Its Application in CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 16660-16668.	3.7	40
2	Facile preparation of nanocellulose/Zn-MOF-based catalytic filter for water purification by oxidation process. <i>Environmental Research</i> , 2022, 205, 112417.	7.5	30
3	Fabrication and Characterization of Cellulose Nanofiber Aerogels Prepared via Two Different Drying Techniques. <i>Polymers</i> , 2020, 12, 2583.	4.5	28
4	Fabrication and characterization of superhydrophobicity ZnO nanoparticles with two morphologies by using stearic acid. <i>Materials Research Express</i> , 2019, 6, 1150d1.	1.6	17
5	Formaldehyde-free resin impregnated paper reinforced with cellulose nanocrystal (CNC): Formulation and property analysis. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48931.	2.6	17
6	Aerogel nanoarchitectonics based on cellulose nanocrystals and nanofibers from eucalyptus pulp: preparation and comparative study. <i>Cellulose</i> , 2022, 29, 817-833.	4.9	14
7	Synthesis and Characterization of Aminosilane Grafted Cellulose Nanocrystal Modified Formaldehyde-Free Decorative Paper and its CO ₂ Adsorption Capacity. <i>Polymers</i> , 2019, 11, 2021.	4.5	12
8	Synthesis and characterisation of superhydrophobic CNC/ZnO nanocomposites by using stearic acid. <i>Micro and Nano Letters</i> , 2019, 14, 1317-1321.	1.3	9