

Yeling Zhu

List of Publications by Year in descending order

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15
papers

408
citations

840776

11
h-index

996975

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all docs

15
docs citations

15
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable isolation of nanocellulose from cellulose and lignocellulosic feedstocks: Recent progress and perspectives. <i>Carbohydrate Polymers</i> , 2021, 267, 118188.	10.2	75
2	Polypyrrole coated carbon nanotubes for supercapacitor devices with enhanced electrochemical performance. <i>Journal of Power Sources</i> , 2014, 268, 233-239.	7.8	68
3	Tough and Ultrastretchable Liquid-Free Ion Conductor Strengthened by Deep Eutectic Solvent Hydrolyzed Cellulose Microfibers. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	48
4	Anionic dopant-dispersants for synthesis of polypyrrole coated carbon nanotubes and fabrication of supercapacitor electrodes with high active mass loading. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14666.	10.3	40
5	Developing flame-retardant lignocellulosic nanofibrils through reactive deep eutectic solvent treatment for thermal insulation. <i>Chemical Engineering Journal</i> , 2022, 445, 136748.	12.7	34
6	Advanced Switchable Molecules and Materials for Oil Recovery and Oily Waste Cleanup. <i>Advanced Science</i> , 2021, 8, e2004082.	11.2	28
7	Influence of dopant structure and charge on supercapacitive behavior of polypyrrole electrodes with high mass loading. <i>Synthetic Metals</i> , 2013, 185-186, 126-132.	3.9	23
8	Rapid, high-yield production of lignin-containing cellulose nanocrystals using recyclable oxalic acid dihydrate. <i>Industrial Crops and Products</i> , 2021, 173, 114148.	5.2	21
9	Fire-Retardant and Thermal-Insulating Cellulose Nanofibril Aerogel Modified by In Situ Supramolecular Assembly of Melamine and Phytic Acid. <i>Advanced Engineering Materials</i> , 2022, 24, .	3.5	20
10	Biodiesel-Assisted Ambient Aqueous Bitumen Extraction (BA ³ BE) from Athabasca Oil Sands. <i>Energy & Fuels</i> , 2018, 32, 6565-6576.	5.1	14
11	Comprehensive study on cleaner production of heavy oil from Athabasca oil sands using chemical additives in biodiesel-assisted ambient-aqueous bitumen extraction process. <i>Journal of Cleaner Production</i> , 2020, 277, 122940.	9.3	14
12	Pseudo-Gemini Biosurfactants with CO ₂ Switchability for Enhanced Oil Recovery (EOR). <i>Tenside, Surfactants, Detergents</i> , 2019, 56, 407-416.	1.2	10
13	Valorizing Biowaste for Wastewater Treatment: Dewatering Sludges Using Specified Risk Material-Based Flocculants for Industrial Sustainability. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2037-2046.	6.7	7
14	Biowaste-based biodegradable flocculants for clean and sustainable tailings management in industrial mining and mineral processing. <i>Journal of Cleaner Production</i> , 2021, 323, 129195.	9.3	5
15	Using Specified Risk Materials-Based Peptides for Oil Sands Fluid Fine Tailings Management. <i>Materials</i> , 2021, 14, 1582.	2.9	1