

Xiaoyun Li

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

909
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1444
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioprinted thrombosis-on-a-chip. <i>Lab on A Chip</i> , 2016, 16, 4097-4105.	6.0	183
2	Chitosan derivatives/reduced graphene oxide/alginate beads for small-molecule drug delivery. <i>Materials Science and Engineering C</i> , 2016, 69, 1222-1228.	7.3	80
3	Lignin as a green reductant and morphology directing agent in the fabrication of 3D graphene-based composites for high-performance supercapacitors. <i>Industrial Crops and Products</i> , 2017, 109, 410-419.	5.2	64
4	Corn stalk/AgNPs modified chitin composite hemostatic sponge with high absorbency, rapid shape recovery and promoting wound healing ability. <i>Chemical Engineering Journal</i> , 2021, 421, 129815.	12.7	63
5	Green fabrication of cellulose/graphene composite in ionic liquid and its electrochemical and photothermal properties. <i>Chemical Engineering Journal</i> , 2016, 299, 45-55.	12.7	57
6	Smart MXene/agarose hydrogel with photothermal property for controlled drug release. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 693-699.	7.5	52
7	Multifunctional cellulosic paper based on quaternized chitosan and gold nanoparticle-“reduced graphene oxide via electrostatic self-assembly. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7422-7428.	10.3	51
8	Facile and green synthesis of silver nanoparticles in quaternized carboxymethyl chitosan solution. <i>Nanotechnology</i> , 2013, 24, 235601.	2.6	38
9	Chitosan/rectorite nanocomposite with injectable functionality for skin hemostasis. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6544-6549.	5.8	36
10	In situ-gelling starch nanoparticle (SNP)/O-carboxymethyl chitosan (CMCh) nanoparticle network hydrogels for the intranasal delivery of an antipsychotic peptide. <i>Journal of Controlled Release</i> , 2021, 330, 738-752.	9.9	36
11	Assembly of Layered Silicate Loaded Quaternized Chitosan/Reduced Graphene Oxide Composites as Efficient Absorbents for Double-Stranded DNA. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1846-1852.	6.7	35
12	Design of Smart Size, Surface, and Shape-Switching Nanoparticles to Improve Therapeutic Efficacy. <i>Small</i> , 2022, 18, e2104632.	10.0	33
13	MXene-Enhanced Chitin Composite Sponges with Antibacterial and Hemostatic Activity for Wound Healing. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102367.	7.6	29
14	Effect of rectorite on the synthesis of Ag NP and its catalytic activity. <i>Materials Chemistry and Physics</i> , 2015, 151, 301-307.	4.0	27
15	Facile Construction of Chitin/Graphene Nanocomposite Sponges for Efficient Hemostasis. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18377-18385.	6.7	21
16	Synthesis, Characterization and Antioxidant Activity of Quaternized Carboxymethyl Chitosan Oligosaccharides. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 861-868.	2.2	19
17	Biopolymer as Stabilizer and Adhesive To in Situ Precipitate CuS Nanocrystals on Cellulose Nanofibers for Preparing Multifunctional Composite Papers. <i>ACS Omega</i> , 2018, 3, 8083-8090.	3.5	18
18	Rapid exfoliation of rectorite in quaternized carboxymethyl chitosan. <i>Carbohydrate Polymers</i> , 2012, 90, 1826-1830.	10.2	16

#	ARTICLE	IF	CITATIONS
19	Self-assembled NIR-responsive MoS ₂ @quaternized chitosan/nanocellulose composite paper for recyclable antibacteria. <i>Journal of Hazardous Materials</i> , 2022, 434, 128896.	12.4	16
20	Special Magnetic Catalyst with Lignin-Reduced Au-Pd Nanoalloy. <i>ACS Omega</i> , 2017, 2, 4938-4945.	3.5	15
21	Preparation, Characterization and Antibacterial Activity of Quaternized Carboxymethyl Chitosan/Organic Rectorite Nanocomposites. <i>Current Nanoscience</i> , 2013, 9, 278-282.	1.2	11
22	One-Step Exfoliation/Etching Method to Produce Chitosan-Stabilized Holey Graphene Nanosheets for Superior DNA Adsorption. <i>ACS Applied Bio Materials</i> , 2020, 3, 8542-8550.	4.6	3
23	Bioengineered in vitro Vascular Models for Applications in Interventional Radiology. <i>Current Pharmaceutical Design</i> , 2019, 24, 5367-5374.	1.9	3
24	Fabrication of graphene quantum dots/chitosan composite film and its catalytic reduction for 4-nitrophenol. <i>Ferroelectrics</i> , 2019, 548, 124-132.	0.6	2