

Lian-Hua Fu

List of Publications by Year in descending order

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44
papers

3,599
citations

279798
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3448
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Sprayed Starvation/Chemodynamic Therapeutic Gel for Postâ€Surgical Treatment of IDH1 (R132H) Glioma. <i>Advanced Materials</i> , 2022, 34, e2103980.	21.0	67
2	Bioactive NIRâ€Lightâ€Responsive Shape Memory Composite Based on Cuprorivaite Nanosheets for Endometrial Regeneration. <i>Advanced Science</i> , 2022, 9, e2102220.	11.2	25
3	Tumor-Specific Activatable Nanocarriers with Gas-Generation and Signal Amplification Capabilities for Tumor Theranostics. <i>ACS Nano</i> , 2021, 15, 1627-1639.	14.6	62
4	Nanocatalytic Theranostics with Glutathione Depletion and Enhanced Reactive Oxygen Species Generation for Efficient Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2006892.	21.0	457
5	Biodegradable Calcium Phosphate Nanotheranostics with Tumorâ€Specific Activatable Cascade Catalytic Reactionsâ€Augmented Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009848.	14.9	120
6	Metal peroxides for cancer treatment. <i>Bioactive Materials</i> , 2021, 6, 2698-2710.	15.6	46
7	Stretchable, Antifreezing, Nonâ€Drying, and Fastâ€Response Sensors Based on Cellulose Nanocomposite Hydrogels for Signal Detection. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100549.	3.6	17
8	Conquering the Hypoxia Limitation for Photodynamic Therapy. <i>Advanced Materials</i> , 2021, 33, e2103978.	21.0	262
9	A Versatile Calcium Phosphate Nanogenerator for Tumor Microenvironmentâ€Activated Cancer Synergistic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101563.	7.6	30
10	Melanin-instructed biomimetic synthesis of copper sulfide for cancer phototheranostics. <i>Chemical Engineering Journal</i> , 2020, 388, 124232.	12.7	22
11	Biomolecule-assisted green synthesis of nanostructured calcium phosphates and their biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 2698-2737.	38.1	131
12	Glucose Oxidaseâ€Instructed Multimodal Synergistic Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1808325.	21.0	409
13	Biodegradable Manganese-Doped Calcium Phosphate Nanotheranostics for Traceable Cascade Reaction-Enhanced Anti-Tumor Therapy. <i>ACS Nano</i> , 2019, 13, 13985-13994.	14.6	299
14	Melanin/polydopamine-based nanomaterials for biomedical applications. <i>Science China Chemistry</i> , 2019, 62, 162-188.	8.2	91
15	Multifunctional cellulose-based hydrogels for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1541-1562.	5.8	172
16	Cellulose/vaterite nanocomposites: Sonochemical synthesis, characterization, and their application in protein adsorption. <i>Materials Science and Engineering C</i> , 2019, 96, 426-435.	7.3	30
17	Calcium-based biomaterials for diagnosis, treatment, and theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 357-403.	38.1	190
18	The enhancement performances of cotton stalk fiber/<scp>PVC</scp> composites by sequential two steps modification. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46090.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Microwave-Hydrothermal Rapid Synthesis of Cellulose/Ag Nanocomposites and Their Antibacterial Activity. <i>Nanomaterials</i> , 2018, 8, 978.	4.1	20
20	Sonochemical synthesis of cellulose/hydroxyapatite nanocomposites and their application in protein adsorption. <i>Scientific Reports</i> , 2018, 8, 8292.	3.3	43
21	Catalytic chemistry of glucose oxidase in cancer diagnosis and treatment. <i>Chemical Society Reviews</i> , 2018, 47, 6454-6472.	38.1	537
22	Microwave-Assisted Hydrothermal Synthesis of Cellulose/Hydroxyapatite Nanocomposites. <i>Polymers</i> , 2016, 8, 316.	4.5	24
23	Synthetic self-assembled homogeneous network hydrogels with high mechanical and recoverable properties for tissue replacement. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4847-4854.	5.8	17
24	Green synthesis of silver nanoparticles with enhanced antibacterial activity using holocellulose as a substrate and reducing agent. <i>RSC Advances</i> , 2016, 6, 28140-28148.	3.6	22
25	Comparative study of cellulose/Ag nanocomposites using four cellulose types. <i>Materials Letters</i> , 2016, 171, 277-280.	2.6	20
26	Selective synthesis of Fe_3O_4 , Fe_2O_3 , and $\text{Fe}_3\text{O}_4/\text{Fe}_2\text{O}_3$ using cellulose-based composites as precursors. <i>RSC Advances</i> , 2016, 6, 2135-2140.	3.6	80
27	Cu/C or $\text{Cu}_2\text{O}/\text{C}$ Composites: Selective Synthesis, Characterization, and Applications in Water Treatment. <i>Science of Advanced Materials</i> , 2016, 8, 2045-2053.	0.7	17
28	Silver-reinforced cellulose hybrids with enhanced antibacterial activity: synthesis, characterization, and mechanism. <i>RSC Advances</i> , 2015, 5, 97359-97366.	3.6	17
29	Microwave-assisted rapid synthesis and characterization of CaF_2 particles-filled cellulose nanocomposites in ionic liquid. <i>Carbohydrate Polymers</i> , 2015, 121, 163-168.	10.2	22
30	Microwave-assisted rapid synthesis of lignocellulose/hydroxyapatite nanocomposites. <i>Materials Letters</i> , 2015, 159, 51-53.	2.6	14
31	Compare study cellulose/ Mn_3O_4 composites using four types of alkalis by sonochemistry method. <i>Carbohydrate Polymers</i> , 2015, 115, 373-378.	10.2	10
32	Comparative Study on the Nanocomposites of Cellulose and Alkali Earth Metal Fluorides (MF_2 , $\text{M} = \text{Ca}$). <i>Tj ETQq0 0.0,rgBT /Overlock 10</i>	0.7	1
33	Research on the formation mechanism of composites from lignocelluloses and CaCO_3 . <i>Materials Science and Engineering C</i> , 2014, 44, 216-224.	7.3	12
34	Ultrasonic-Assisted Synthesis of Cellulose/ $\text{Cu}(\text{OH})_2$ / CuO Hybrids and Its Thermal Transformation to CuO and Cu/C . <i>Science of Advanced Materials</i> , 2014, 6, 1117-1125.	0.7	13
35	Why to synthesize vaterite polymorph of calcium carbonate on the cellulose matrix via sonochemistry process?. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1188-1193.	8.2	32
36	Microwave synthesis of cellulose/ CuO nanocomposites in ionic liquid and its thermal transformation to CuO . <i>Carbohydrate Polymers</i> , 2013, 91, 162-168.	10.2	38

#	ARTICLE	IF	CITATIONS
37	Cellulose/CaCO ₃ nanocomposites: Microwave ionic liquid synthesis, characterization, and biological activity. Carbohydrate Polymers, 2013, 92, 1669-1676.	10.2	46
38	Compare study CaCO ₃ crystals on the cellulose substrate by microwave-assisted method and ultrasound agitation method. Ultrasonics Sonochemistry, 2013, 20, 839-845.	8.2	34
39	Hydrothermal synthesis, characterization, and bactericidal activities of hybrid from cellulose and TiO ₂ . Carbohydrate Polymers, 2013, 96, 15-20.	10.2	22
40	Environmentally friendly microwave ionic liquids synthesis of hybrids from cellulose and AgX (X=Cl,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 5	10.2	18
41	Zn ₅ (OH) ₈ Cl ₂ ·H ₂ O sheets formed using cellulose as matrix via microwave-assisted method and its transformation to ZnO. Materials Letters, 2013, 92, 136-138.	2.6	18
42	Compared study on the cellulose/CaCO ₃ composites via microwave-assisted method using different cellulose types. Carbohydrate Polymers, 2012, 90, 309-315.	10.2	25
43	Simultaneous microwave-assisted synthesis, characterization, thermal stability, and antimicrobial activity of cellulose/AgCl nanocomposites. Biomass and Bioenergy, 2012, 47, 516-521.	5.7	34
44	Hydrothermal synthesis and characterization of wood powder/CaCO ₃ composites. Carbohydrate Polymers, 2012, 88, 1470-1475.	10.2	20