

Lian-Hua Fu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/447148/publications.pdf>

Version: 2024-02-01

44
papers

3,599
citations

279798
23
h-index

243625
44
g-index

44
all docs

44
docs citations

44
times ranked

3448
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic chemistry of glucose oxidase in cancer diagnosis and treatment. <i>Chemical Society Reviews</i> , 2018, 47, 6454-6472.	38.1	537
2	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
3	Glucose Oxidase-Instructed Multimodal Synergistic Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1808325.	21.0	409
4	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
5	Conquering the Hypoxia Limitation for Photodynamic Therapy. <i>Advanced Materials</i> , 2021, 33, e2103978.	21.0	262
6	Calcium-based biomaterials for diagnosis, treatment, and theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 357-403.	38.1	190
7	Multifunctional cellulose-based hydrogels for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1541-1562.	5.8	172
8	Biomolecule-assisted green synthesis of nanostructured calcium phosphates and their biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 2698-2737.	38.1	131
9	Biodegradable Calcium Phosphate Nanotheranostics with Tumor-Specific Activatable Cascade Catalytic Reactions-Augmented Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009848.	14.9	120
10	Melanin/polydopamine-based nanomaterials for biomedical applications. <i>Science China Chemistry</i> , 2019, 62, 162-188.	8.2	91
11	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
12	In Situ Sprayed Starvation/Chemodynamic Therapeutic Gel for Post-Surgical Treatment of IDH1 (R132H) Glioma. <i>Advanced Materials</i> , 2022, 34, e2103980.	21.0	67
13	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
14	Cellulose/ CaCO_3 nanocomposites: Microwave ionic liquid synthesis, characterization, and biological activity. <i>Carbohydrate Polymers</i> , 2013, 92, 1669-1676.	10.2	46
15	Metal peroxides for cancer treatment. <i>Bioactive Materials</i> , 2021, 6, 2698-2710.	15.6	46
16	Sonochemical synthesis of cellulose/hydroxyapatite nanocomposites and their application in protein adsorption. <i>Scientific Reports</i> , 2018, 8, 8292.	3.3	43
17	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
18	Simultaneous microwave-assisted synthesis, characterization, thermal stability, and antimicrobial activity of cellulose/ AgCl nanocomposites. <i>Biomass and Bioenergy</i> , 2012, 47, 516-521.	5.7	34

#	ARTICLE	IF	CITATIONS
19	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
20	Why to synthesize vaterite polymorph of calcium carbonate on the cellulose matrix via sonochemistry process?. Ultrasonics Sonochemistry, 2013, 20, 1188-1193.	8.2	32
21	Cellulose/vaterite nanocomposites: Sonochemical synthesis, characterization, and their application in protein adsorption. Materials Science and Engineering C, 2019, 96, 426-435.	7.3	30
22	A Versatile Calcium Phosphate Nanogenerator for Tumor Microenvironment-Activated Cancer Synergistic Therapy. Advanced Healthcare Materials, 2021, 10, e2101563.	7.6	30
23	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
24	Bioactive NIR- and Light-Responsive Shape Memory Composite Based on Cuprorivaite Nanosheets for Endometrial Regeneration. Advanced Science, 2022, 9, e2102220.	11.2	25
25	Microwave-Assisted Hydrothermal Synthesis of Cellulose/Hydroxyapatite Nanocomposites. Polymers, 2016, 8, 316.	4.5	24
26	Hydrothermal synthesis, characterization, and bactericidal activities of hybrid from cellulose and TiO ₂ . Carbohydrate Polymers, 2013, 96, 15-20.	10.2	22
27	Microwave-assisted rapid synthesis and characterization of CaF ₂ particles-filled cellulose nanocomposites in ionic liquid. Carbohydrate Polymers, 2015, 121, 163-168.	10.2	22
28	Green synthesis of silver nanoparticles with enhanced antibacterial activity using holocellulose as a substrate and reducing agent. RSC Advances, 2016, 6, 28140-28148.	3.6	22
29	Melanin-instructed biomimetic synthesis of copper sulfide for cancer phototheranostics. Chemical Engineering Journal, 2020, 388, 124232.	12.7	22
30	Hydrothermal synthesis and characterization of wood powder/CaCO ₃ composites. Carbohydrate Polymers, 2012, 88, 1470-1475.	10.2	20
31	Comparative study of cellulose/Ag nanocomposites using four cellulose types. Materials Letters, 2016, 171, 277-280.	2.6	20
32	Microwave-Hydrothermal Rapid Synthesis of Cellulose/Ag Nanocomposites and Their Antibacterial Activity. Nanomaterials, 2018, 8, 978.	4.1	20
33	Environmentally friendly microwave ionic liquids synthesis of hybrids from cellulose and AgX (X=Cl, Br, I). Ultrasonics Sonochemistry, 2014, 21, 1074-1078.	10.2	18
34	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
35	Silver-reinforced cellulose hybrids with enhanced antibacterial activity: synthesis, characterization, and mechanism. RSC Advances, 2015, 5, 97359-97366.	3.6	17
36	Synthetic self-assembled homogeneous network hydrogels with high mechanical and recoverable properties for tissue replacement. Journal of Materials Chemistry B, 2016, 4, 4847-4854.	5.8	17

37	Stretchable, Antifreezing, Non-Drying, and Fast-Response Sensors Based on Cellulose Nanocomposite Hydrogels for Signal Detection. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100549.	3.6	17
38	Cu/C or Cu ₂ O/C Composites: Selective Synthesis, Characterization, and Applications in Water Treatment. <i>Science of Advanced Materials</i> , 2016, 8, 2045-2053.	0.7	17
39	Microwave-assisted rapid synthesis of lignocellulose/hydroxyapatite nanocomposites. <i>Materials Letters</i> , 2015, 159, 51-53.	2.6	14
40	Ultrasonic-Assisted Synthesis of Cellulose/Cu(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
41	The enhancement performances of cotton stalk fiber/PVC composites by sequential two steps modification. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46090.	2.6	13
42	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
43	Compare study cellulose/Mn ₃ O ₄ composites using four types of alkalis by sonochemistry method. <i>Carbohydrate Polymers</i> , 2015, 115, 373-378.	10.2	10