

Lihua Li

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,232
citations

257450

24
h-index

254184

43
g-index

45
all docs

45
docs citations

45
times ranked

3218
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-functional bismuth-doped bioglasses: combining bioactivity and photothermal response for bone tumor treatment and tissue repair. <i>Light: Science and Applications</i> , 2018, 7, 1.	16.6	301
2	Concentration Ranges of Antibacterial Cations for Showing the Highest Antibacterial Efficacy but the Least Cytotoxicity against Mammalian Cells: Implications for a New Antibacterial Mechanism. <i>Chemical Research in Toxicology</i> , 2015, 28, 1815-1822.	3.3	217
3	Multifunctional Copper-Containing Carboxymethyl Chitosan/Alginate Scaffolds for Eradicating Clinical Bacterial Infection and Promoting Bone Formation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 127-138.	8.0	142
4	Actively Targeted Deep Tissue Imaging and Photothermal-Chemo Therapy of Breast Cancer by Antibody-Functionalized Drug-Loaded X-Ray-Responsive Bismuth Sulfide@Mesoporous Silica Core-Shell Nanoparticles. <i>Advanced Functional Materials</i> , 2018, 28, 1704623.	14.9	120
5	CuS nanoagents for photodynamic and photothermal therapies: Phenomena and possible mechanisms. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 19, 5-14.	2.6	104
6	A New Treatment Modality for Rheumatoid Arthritis: Combined Photothermal and Photodynamic Therapy Using Cu _{7.2} S ₄ Nanoparticles. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800013.	7.6	94
7	Enhancing Osteosarcoma Killing and CT Imaging Using Ultrahigh Drug Loading and NIR-Responsive Bismuth Sulfide@Mesoporous Silica Nanoparticles. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800602.	7.6	85
8	The electronic and optical properties of a narrow-band red-emitting nanophosphor K ₂ NaGaF ₆ :Mn ⁴⁺ for warm white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3016-3025.	5.5	78
9	Zero-Dimensional Carbon Dots Enhance Bone Regeneration, Osteosarcoma Ablation, and Clinical Bacterial Eradication. <i>Bioconjugate Chemistry</i> , 2018, 29, 2982-2993.	3.6	74
10	CaZnOS:Nd ³⁺ Emits Tissue-Penetrating near-Infrared Light upon Force Loading. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14509-14516.	8.0	71
11	The synergistic antibacterial activity and mechanism of multicomponent metal ions-containing aqueous solutions against <i>Staphylococcus aureus</i> . <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 214-220.	3.5	68
12	Efficient elimination of multidrug-resistant bacteria using copper sulfide nanozymes anchored to graphene oxide nanosheets. <i>Nano Research</i> , 2020, 13, 2156-2164.	10.4	63
13	Copper Doped Carbon Dots for Addressing Bacterial Biofilm Formation, Wound Infection, and Tooth Staining. <i>ACS Nano</i> , 2022, 16, 9479-9497.	14.6	63
14	High-activity chitosan/nano hydroxyapatite/zoledronic acid scaffolds for simultaneous tumor inhibition, bone repair and infection eradication. <i>Materials Science and Engineering C</i> , 2018, 82, 225-233.	7.3	59
15	Significantly conquering moisture-induced luminescence quenching of red line-emitting phosphor Rb ₂ SnF ₆ :Mn ⁴⁺ through H ₂ C ₂ O ₄ triggered particle surface reduction for blue converted warm white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 247-255.	5.5	59
16	Epitaxial growth <i>via</i> anti-solvent-induced deposition towards a highly efficient and stable Mn ⁴⁺ doped fluoride red phosphor for application in warm WLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6077-6084.	5.5	54
17	Synergistic Photothermal and Photodynamic Therapy for Effective Implant-Related Bacterial Infection Elimination and Biofilm Disruption Using Cu ₉ S ₈ Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6243-6253.	5.2	53
18	Exploration of TiO ₂ nanoparticle mediated microdynamic therapy on cancer treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 272-281.	3.3	51

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19	Integrating 3D-printed PHBV/Calcium sulfate hemihydrate scaffold and chitosan hydrogel for enhanced osteogenic property. <i>Carbohydrate Polymers</i> , 2018, 202, 106-114.	10.2	50
20	Mn ⁴⁺ -Doped Heterodivalent Fluorogermanate Red Phosphor with High Quantum Yield and Spectral Luminous Efficacy for Warm-White-Light-Emitting Device Application. <i>Inorganic Chemistry</i> , 2018, 57, 14705-14714.	4.0	44
21	AgBiS ₂ nanoparticles with synergistic photodynamic and bioimaging properties for enhanced malignant tumor phototherapy. <i>Materials Science and Engineering C</i> , 2020, 107, 110324.	7.3	37
22	Delivery of inhibitor of growth 4 (ING4) gene significantly inhibits proliferation and invasion and promotes apoptosis of human osteosarcoma cells. <i>Scientific Reports</i> , 2014, 4, 7380.	3.3	30
23	Ultralong tumor retention of theranostic nanoparticles with short peptide-enabled active tumor homing. <i>Materials Horizons</i> , 2019, 6, 1845-1853.	12.2	27
24	Chemical functionalization of bone implants with nanoparticle-stabilized chitosan and methotrexate for inhibiting both osteoclastoma formation and bacterial infection. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5952.	5.8	25
25	A Honeycomb-Like Bismuth/Manganese Oxide Nanoparticle with Mutual Reinforcement of Internal and External Response for Triple-Negative Breast Cancer Targeted Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100518.	7.6	25
26	Promotion of chondrogenic differentiation of mesenchymal stem cells by copper: Implications for new cartilage repair biomaterials. <i>Materials Science and Engineering C</i> , 2018, 93, 106-114.	7.3	23
27	Visualizing Dynamic Performance of Lipid Droplets in a Parkinson's Disease Model via a Smart Photostable Aggregation-Induced Emission Probe. <i>IScience</i> , 2019, 21, 261-272.	4.1	22
28	Conducting molybdenum sulfide/graphene oxide/polyvinyl alcohol nanocomposite hydrogel for repairing spinal cord injury. <i>Journal of Nanobiotechnology</i> , 2022, 20, 210.	9.1	22
29	Multifunctional Cu ₃₉ S ₂₈ hollow nanopeanuts for in vivo targeted photothermal chemotherapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6740-6751.	5.8	21
30	Catalytic-Enhanced Lactoferrin-Functionalized Au ₂ Se ₃ Nanodots for Parkinson's Disease Therapy via Reactive Oxygen Attenuation and Mitochondrial Protection. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100316.	7.6	21
31	miRNA-21 inhibition inhibits osteosarcoma cell proliferation by targeting PTEN and regulating the TGF- β 1 signaling pathway. <i>Oncology Letters</i> , 2018, 16, 4337-4342.	1.8	18
32	Aggregated carbon dots-loaded macrophages treat sepsis by eliminating multidrug-resistant bacteria and attenuating inflammation. <i>Aggregate</i> , 2023, 4, .	9.9	17
33	Immunotherapy for Tumor Metastasis by Artificial Antigen-Presenting Cells via Targeted Microenvironment Regulation and T-Cell Activation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55890-55901.	8.0	16
34	Hierarchical functional nanoparticles boost osteoarthritis therapy by utilizing joint-resident mesenchymal stem cells. <i>Journal of Nanobiotechnology</i> , 2022, 20, 89.	9.1	16
35	Potential circulating biomarkers of circulating chemokines CCL5, MIP-1 β and HA as for early detection of cirrhosis related to chronic HBV (hepatitis B virus) infection. <i>BMC Infectious Diseases</i> , 2019, 19, 523.	2.9	12
36	Highly effective rheumatoid arthritis therapy by peptide-promoted nanomodification of mesenchymal stem cells. <i>Biomaterials</i> , 2022, 283, 121474.	11.4	9

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37	Multifunctional CuS nanocrystals for inhibiting both osteosarcoma proliferation and bacterial infection by photothermal therapy. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	8
38	Improving luminescence behavior and glass stability of tellurium-doped germanate glasses by modifying network topology. <i>Journal of the American Ceramic Society</i> , 2022, 105, 929-937.	3.8	8
39	Cancer Nanotheranostics: Actively Targeted Deep Tissue Imaging and Photothermal-Chemo Therapy of Breast Cancer by Antibody-Functionalized Drug-Loaded X-Ray-Responsive Bismuth Sulfide@Mesoporous Silica Core-Shell Nanoparticles (<i>Adv. Funct. Mater.</i> 5/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870034.	14.9	6
40	Biodegradable mesoporous manganese carbonate nanocomposites for LED light-driven cancer therapy via enhancing photodynamic therapy and attenuating survivin expression. <i>Journal of Nanobiotechnology</i> , 2021, 19, 310.	9.1	5
41	Biocompatible tellurium nanoneedles with long-term stable antibacterial activity for accelerated wound healing. <i>Materials Today Bio</i> , 2022, 15, 100271.	5.5	5
42	Effects of different functional groups on metastatic behavior of SPC-A-1/human lung cancer cells in self-assembled monolayers. <i>RSC Advances</i> , 2015, 5, 41412-41419.	3.6	2
43	Electrospraying preparation and characterization of harmonic Ba ₂ TiSi ₂ O ₈ microparticles. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 83, 109-114.	2.4	0