Liqin Xiong

List of Publications by Year in descending order

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45 papers	4,325 citations	236833 25 h-index	233338 45 g-index
47 all docs	47 docs citations	47 times ranked	5942 citing authors

#	Article	IF	Citations
1	Dual-Performance Optimized Silks from Ultra-Low Dose Polymer Dots Feeding and Its Absorption, Distribution and Excretion in the Silkworms. Advanced Fiber Materials, 2022, 4, 845-858.	7.9	8
2	Tumor microenvironment-responsive nanohybrid for hypoxia amelioration with photodynamic and near-infrared II photothermal combination therapy. Acta Biomaterialia, 2022, 146, 450-464.	4.1	26
3	Self-cascade nanohybrids boost cell ferroptosis stress for tumor radiosensitization therapy. Applied Materials Today, 2022, 29, 101558.	2.3	7
4	Imaging of fluorescent polymer dots in relation to channels and immune cells in the lymphatic system. Materials Today Bio, 2022, 15, 100317.	2.6	1
5	A Nano â€œImmuneâ€Guideâ€•Recruiting Lymphocytes and Modulating the Ratio of Macrophages from Different Origins to Enhance Cancer Immunotherapy. Advanced Functional Materials, 2021, 31, 2009116.	7.8	24
6	Metabolic Control by Heat Stress Determining Cell Fate to Ferroptosis for Effective Cancer Therapy. ACS Nano, 2021, 15, 7179-7194.	7.3	91
7	NIR/photoacoustic imaging of multitype gallbladder cancer using carboxyl/amino functionalized polymer dots. Biomaterials Science, 2020, 8, 6657-6669.	2.6	4
8	Near-Infrared Polymer Dots in the Portal-Hepatic Circulation Achieve Localization of Hepatic Carcinoma In Vivo. ACS Applied Bio Materials, 2020, 3, 6177-6186.	2.3	1
9	Modified polymer dots for multi-scale multi-modal imaging of lymphatic system in tumor pre-metastasis. Applied Materials Today, 2020, 21, 100863.	2.3	5
10	A self-immobilizing near-infrared fluorogenic probe for sensitive imaging of extracellular enzyme activity in vivo. Chemical Science, 2020, 11, 5889-5894.	3.7	30
11	The Effect of Polymer Dots During Mammalian Early Embryo Development and Their Biocompatibility on Maternal Health. Macromolecular Bioscience, 2020, 20, e2000128.	2.1	6
12	Toxicity, uptake and transport mechanisms of dual-modal polymer dots in penny grass (Hydrocotyle) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.7	22
13	Sequential PDT and PTT Using Dualâ€Modal Singleâ€Walled Carbon Nanohorns Synergistically Promote Systemic Immune Responses against Tumor Metastasis and Relapse. Advanced Science, 2020, 7, 2001088.	5.6	119
14	EDTA-Modified 17Î²-Estradiol-Laden Upconversion Nanocomposite for Bone-Targeted Hormone Replacement Therapy for Osteoporosis. Theranostics, 2020, 10, 3281-3292.	4.6	20
15	High-Resolution Imaging of the Lymphatic Vascular System in Living Mice/Rats Using Dual-Modal Polymer Dots. ACS Applied Bio Materials, 2019, 2, 3877-3885.	2.3	6
16	Tumor Chemo-Radiotherapy with Rod-Shaped and Spherical Gold Nano Probes: Shape and Active Targeting Both Matter. Theranostics, 2019, 9, 1893-1908.	4.6	66
17	Fluorescent Polymer Dots for Tracking SKOV3 Cells in Living Mice with Probe-Based Confocal Laser Endomicroscopy. Molecular Imaging and Biology, 2019, 21, 1026-1033.	1.3	6
18	High resolution tracking of macrophage cells in deep organs and lymphatics using fluorescent polymer dots. RSC Advances, 2019, 9, 10966-10975.	1.7	5

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19	Fast and Accurate Imaging of Lymph Node Metastasis with Multifunctional Nearâ€Infrared Polymer Dots. Advanced Functional Materials, 2018, 28, 1707174.	7.8	29
20	In Vivo Near-Infrared Fluorescence Imaging Based on Polymer Dots. , 2018, , 537-577.		0
21	Multiscale Imaging of Brown Adipose Tissue in Living Mice/Rats with Fluorescent Polymer Dots. ACS Applied Materials & Interfaces, 2018, 10, 20884-20896.	4.0	31
22	Facilely synthesized pH-responsive fluorescent polymer dots entrapping doped and coupled doxorubicin for nucleus-targeted chemotherapy. Journal of Materials Chemistry B, 2017, 5, 2921-2930.	2.9	16
23	Delineation of retroperitoneal metastatic lymph nodes in ovarian cancer with near-infrared fluorescence imaging. Oncology Letters, 2017, 14, 2869-2877.	0.8	8
24	Size-dependent optical properties of conjugated polymer nanoparticles. RSC Advances, 2017, 7, 55957-55965.	1.7	11
25	Folic Acid Functionalized PFBT Fluorescent Polymer Dots for Tumor Imaging. Chinese Journal of Chemistry, 2016, 34, 570-575.	2.6	18
26	Highly luminescent and photostable near-infrared fluorescent polymer dots for long-term tumor cell tracking in vivo. Journal of Materials Chemistry B, 2016, 4, 202-206.	2.9	31
27	Recent Advances on Near-Infrared-Emitting Poly[2-methoxy-5-(2-ethylhexyloxy)-1,4-phenylenevinylene] Polymer Dots for in vivo Imaging. General Chemistry, 2016, 2, 99-106.	0.6	4
28	Cytotoxicity, tumor targeting and PET imaging of sub-5 nm KGdF₄ multifunctional rare earth nanoparticles. Nanoscale, 2015, 7, 13404-13409.	2.8	16
29	Long-Term-Stable Near-Infrared Polymer Dots with Ultrasmall Size and Narrow-Band Emission for Imaging Tumor Vasculature in Vivo. Bioconjugate Chemistry, 2015, 26, 817-821.	1.8	32
30	Redox-Triggered Self-Assembly of Gadolinium-Based MRI Probes for Sensing Reducing Environment. Bioconjugate Chemistry, 2014, 25, 1526-1536.	1.8	47
31	Synthesis of ligand-functionalized water-soluble [18F]YF3 nanoparticles for PET imaging. Nanoscale, 2013, 5, 3253.	2.8	26
32	Silica-coated superparamagnetic iron oxide nanoparticles targeting ofÂEPCs in ischemic brain injury. Biomaterials, 2013, 34, 4982-4992.	5.7	65
33	Self-luminescing BRET-FRET near-infrared dots for in vivo lymph-node mapping and tumour imaging. Nature Communications, 2012, 3, 1193.	5.8	229
34	Efficient Method for Site-Specific ¹⁸F-Labeling of Biomolecules Using the Rapid Condensation Reaction between 2-Cyanobenzothiazole and Cysteine. Bioconjugate Chemistry, 2012, 23, 1902-1908.	1.8	63
35	Polymer nanoparticles with an embedded phosphorescent osmium(ii) complex for cell imaging. Journal of Materials Chemistry, 2011, 21, 5360.	6.7	26
36	Dual-modality in vivo imaging using rare-earth nanocrystals with near-infrared to near-infrared (NIR-to-NIR) upconversion luminescence and magnetic resonance properties. Biomaterials, 2010, 31, 3287-3295.	5.7	522

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37	Long-term in vivo biodistribution imaging and toxicity of polyacrylic acid-coated upconversion nanophosphors. Biomaterials, 2010, 31, 7078-7085.	5.7	504
38	Phosphorescence Imaging of Homocysteine and Cysteine in Living Cells Based on a Cationic Iridium(III) Complex. Inorganic Chemistry, 2010, 49, 6402-6408.	1.9	175
39	Multimodalâ€Luminescence Coreâ€“Shell Nanocomposites for Targeted Imaging of Tumor Cells. Chemistry - A European Journal, 2009, 15, 3577-3584.	1.7	227
40	Highly Waterâ€Dispersible Biocompatible Magnetite Particles with Low Cytotoxicity Stabilized by Citrate Groups. Angewandte Chemie - International Edition, 2009, 48, 5875-5879.	7.2	856
41	A bright water-compatible sugar-rhodamine fluorescence sensor for selective detection of Hg²⁺in natural water and living cells. Journal of Environmental Monitoring, 2009, 11, 330-335.	2.1	92
42	A photostable fluorescent probe for targeted imaging of tumour cells possessing integrin Î±vÎ²3**. Molecular BioSystems, 2009, 5, 241.	2.9	28
43	A highly selective and sensitive fluorescent turn-on sensor for Hg2+ and its application in live cell imaging. Organic and Biomolecular Chemistry, 2009, 7, 2554.	1.5	96
44	High Contrast Upconversion Luminescence Targeted Imaging in Vivo Using Peptide-Labeled Nanophosphors. Analytical Chemistry, 2009, 81, 8687-8694.	3.2	387
45	Facile Epoxidation Strategy for Producing Amphiphilic Up-Converting Rare-Earth Nanophosphors as Biological Labels. Chemistry of Materials, 2008, 20, 7003-7009.	3.2	196