

Jinping Lai

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,145
citations

566801

15
h-index

642321

23
g-index

27
all docs

27
docs citations

27
times ranked

2271
citing authors

#	ARTICLE	IF	CITATIONS
1	Versatile Fluorescence Resonance Energy Transfer-Based Mesoporous Silica Nanoparticles for Real-Time Monitoring of Drug Release. <i>ACS Nano</i> , 2013, 7, 2741-2750.	7.3	197
2	Real-Time Monitoring of ATP-Responsive Drug Release Using Mesoporous-Silica-Coated Multicolor Upconversion Nanoparticles. <i>ACS Nano</i> , 2015, 9, 5234-5245.	7.3	157
3	An Upconversion Nanoparticle with Orthogonal Emissions Using Dual NIR Excitations for Controlled Two-Way Photoswitching. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14419-14423.	7.2	137
4	Light-responsive nanogated ensemble based on polymer grafted mesoporous silica hybrid nanoparticles. <i>Chemical Communications</i> , 2010, 46, 7370.	2.2	120
5	Hybrid Silica-Nanocrystal Organic Dye Superstructures as Post-Encoding Fluorescent Probes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5393-5396.	7.2	70
6	Polyvalent Display of Biomolecules on Live Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6800-6804.	7.2	54
7	Fluorescent core-shell silicananoparticles as tunable precursors: towards encoding and multifunctional nano-probes. <i>Chemical Communications</i> , 2008, , 750-752.	2.2	49
8	Molecule-scale controlled-release system based on light-responsive silica nanoparticles. <i>Chemical Communications</i> , 2008, , 2662.	2.2	47
9	LSPR Sensing of Molecular Biothiols Based on Noncoupled Gold Nanorods. <i>Langmuir</i> , 2010, 26, 9130-9135.	1.6	46
10	Assembly of Bifunctional Aptamer-Fibrinogen Macromer for VEGF Delivery and Skin Wound Healing. <i>Chemistry of Materials</i> , 2019, 31, 1006-1015.	3.2	40
11	Light-triggered covalent assembly of gold nanoparticles in aqueous solution. <i>Chemical Communications</i> , 2011, 47, 3822.	2.2	34
12	Macroporous Hydrogels for Stable Sequestration and Sustained Release of Vascular Endothelial Growth Factor and Basic Fibroblast Growth Factor Using Nucleic Acid Aptamers. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2382-2390.	2.6	31
13	Aptamer-Functionalized Hydrogel for Self-Programmed Protein Release via Sequential Photoreaction and Hybridization. <i>Chemistry of Materials</i> , 2017, 29, 5850-5857.	3.2	25
14	Displacement and hybridization reactions in aptamer-functionalized hydrogels for biomimetic protein release and signal transduction. <i>Chemical Science</i> , 2017, 8, 7306-7311.	3.7	24
15	Remote Control of Neural Stem Cell Fate Using NIR-Responsive Photoswitching Upconversion Nanoparticle Constructs. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40031-40041.	4.0	16
16	A facile and general approach for the synthesis of fluorescent silica nanoparticles doped with inert dyes. <i>Science Bulletin</i> , 2011, 56, 3242.	1.7	14
17	Programmed Degradation of Hydrogels with a Double-Locked Domain. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2820-2825.	7.2	14
18	CdS Quantum Dots as Fluorescence Probes for the Detection of Selenite. <i>Analytical Letters</i> , 2008, 41, 2117-2132.	1.0	11

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19	Polyvalent Display of Biomolecules on Live Cells. <i>Angewandte Chemie</i> , 2018, 130, 6916-6920.	1.6	11
20	Development of Photoactivated Fluorescent <i>N</i> -Hydroxyoxindoles and Their Application for Cell-Selective Imaging. <i>Chemistry - A European Journal</i> , 2016, 22, 6361-6367.	1.7	10
21	Nanoparticle-Programmed Surface for Drug Release and Cell Regulation via Reversible Hybridization Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4467-4474.	4.0	10
22	Bidirectional Supramolecular Display and Signal Amplification on the Surface of Living Cells. <i>Biomacromolecules</i> , 2022, 23, 1403-1412.	2.6	1
23	Innentitelbild: Polyvalent Display of Biomolecules on Live Cells (<i>Angew. Chem.</i> 23/2018). <i>Angewandte Chemie</i> , 2018, 130, 6820-6820.	1.6	0
24	Programmed Degradation of Hydrogels with a Double-Locked Domain. <i>Angewandte Chemie</i> , 2019, 131, 2846-2851.	1.6	0