Jinping Lai

List of Publications by Year
in descending order

24 papers	1,145 citations	567281 15 h-index	642732 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. ACS Nano, 2013, 7, 2741-2750.	14.6	197
2	Real-Time Monitoring of ATP-Responsive Drug Release Using Mesoporous-Silica-Coated Multicolor Upconversion Nanoparticles. ACS Nano, 2015, 9, 5234-5245.	14.6	157
3	An Upconversion Nanoparticle with Orthogonal Emissions Using Dual NIR Excitations for Controlled Twoâ€Way Photoswitching. Angewandte Chemie - International Edition, 2014, 53, 14419-14423.	13.8	137
4	Light-responsive nanogated ensemble based on polymer grafted mesoporous silica hybrid nanoparticles. Chemical Communications, 2010, 46, 7370.	4.1	120
5	Hybrid Silicaâ€"Nanocrystalâ€"Organic Dye Superstructures as Post-Encoding Fluorescent Probes. Angewandte Chemie - International Edition, 2007, 46, 5393-5396.	13.8	70
6	Polyvalent Display of Biomolecules on Live Cells. Angewandte Chemie - International Edition, 2018, 57, 6800-6804.	13.8	54
7	Fluorescent core-shell silicananoparticles as tunable precursors: towards encoding and multifunctional nano-probes. Chemical Communications, 2008, , 750-752.	4.1	49
8	Molecule-scale controlled-release system based on light-responsive silica nanoparticles. Chemical Communications, 2008, , 2662.	4.1	47
9	LSPR Sensing of Molecular Biothiols Based on Noncoupled Gold Nanorods. Langmuir, 2010, 26, 9130-9135.	3.5	46
10	Assembly of Bifunctional Aptamerâ€"Fibrinogen Macromer for VEGF Delivery and Skin Wound Healing. Chemistry of Materials, 2019, 31, 1006-1015.	6.7	40
11	Light-triggered covalent assembly of gold nanoparticles in aqueous solution. Chemical Communications, 2011, 47, 3822.	4.1	34
12	Macroporous Hydrogels for Stable Sequestration and Sustained Release of Vascular Endothelial Growth Factor and Basic Fibroblast Growth Factor Using Nucleic Acid Aptamers. ACS Biomaterials Science and Engineering, 2019, 5, 2382-2390.	5.2	31
13	Aptamer-Functionalized Hydrogel for Self-Programmed Protein Release via Sequential Photoreaction and Hybridization. Chemistry of Materials, 2017, 29, 5850-5857.	6.7	25
14	Displacement and hybridization reactions in aptamer-functionalized hydrogels for biomimetic protein release and signal transduction. Chemical Science, 2017, 8, 7306-7311.	7.4	24
15	Remote Control of Neural Stem Cell Fate Using NIR-Responsive Photoswitching Upconversion Nanoparticle Constructs. ACS Applied Materials & Interfaces, 2020, 12, 40031-40041.	8.0	16
16	A facile and general approach for the synthesis of fluorescent silica nanoparticles doped with inert dyes. Science Bulletin, 2011, 56, 3242.	1.7	14
17	Programmed Degradation of Hydrogels with a Doubleâ€Locked Domain. Angewandte Chemie - International Edition, 2019, 58, 2820-2825.	13.8	14
18	CdS Quantum Dots as Fluorescence Probes for the Detection of Selenite. Analytical Letters, 2008, 41, 2117-2132.	1.8	11

#	Article	IF	Citations
19	Polyvalent Display of Biomolecules on Live Cells. Angewandte Chemie, 2018, 130, 6916-6920.	2.0	11
20	Development of Photoactivated Fluorescent Nâ€Hydroxyoxindoles and Their Application for Cellâ€Selective Imaging. Chemistry - A European Journal, 2016, 22, 6361-6367.	3.3	10
21	Nanoparticle-Programmed Surface for Drug Release and Cell Regulation via Reversible Hybridization Reaction. ACS Applied Materials & Interfaces, 2017, 9, 4467-4474.	8.0	10
22	Bidirectional Supramolecular Display and Signal Amplification on the Surface of Living Cells. Biomacromolecules, 2022, 23, 1403-1412.	5.4	1
23	Innentitelbild: Polyvalent Display of Biomolecules on Live Cells (Angew. Chem. 23/2018). Angewandte Chemie, 2018, 130, 6820-6820.	2.0	0
24	Programmed Degradation of Hydrogels with a Doubleâ€Locked Domain. Angewandte Chemie, 2019, 131, 2846-2851.	2.0	0