

Sha He

List of Publications by Year in descending order

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16
papers

1,061
citations

623734

14
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940533

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all docs

16
docs citations

16
times ranked

2154
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Evidence for Coupled Surface and Concentration Quenching Dynamics in Lanthanide-Doped Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 3275-3282.	13.7	420
2	Biomedical nanomaterials for imaging-guided cancer therapy. <i>Nanoscale</i> , 2012, 4, 6135.	5.6	197
3	Simultaneous Enhancement of Photoluminescence, MRI Relaxivity, and CT Contrast by Tuning the Interfacial Layer of Lanthanide Heteroepitaxial Nanoparticles. <i>Nano Letters</i> , 2017, 17, 4873-4880.	9.1	61
4	Review of the progress toward achieving heat confinement—the holy grail of photothermal therapy. <i>Journal of Biomedical Optics</i> , 2017, 22, 080901.	2.6	59
5	High Relaxivity Gadolinium-Polydopamine Nanoparticles. <i>Small</i> , 2017, 13, 1701830.	10.0	48
6	Compact Micellization: A Strategy for Ultrahigh T ₁ Magnetic Resonance Contrast with Gadolinium-Based Nanocrystals. <i>ACS Nano</i> , 2016, 10, 8299-8307.	14.6	46
7	Leveraging Spectral Matching between Photosensitizers and Upconversion Nanoparticles for 808 nm-Activated Photodynamic Therapy. <i>Chemistry of Materials</i> , 2018, 30, 3991-4000.	6.7	46
8	Short Soluble Coumarin Crosslinkers for Light-Controlled Release of Cells and Proteins from Hydrogels. <i>Biomacromolecules</i> , 2015, 16, 3286-3296.	5.4	39
9	Utilization of unmodified gold nanoparticles in colorimetric detection. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 1757-1765.	5.1	27
10	Strategy for the Modification of Electrospun Fibers that Allows Diverse Functional Groups for Biomolecular Entrapment. <i>Chemistry of Materials</i> , 2010, 22, 6212-6214.	6.7	25
11	Multiplexed microfluidic blotting of proteins and nucleic acids by parallel, serpentine microchannels. <i>Lab on A Chip</i> , 2015, 15, 105-112.	6.0	21
12	High Nd(III)-Sensitizer Concentrations for 800 nm Wavelength Excitation Using Isotropic Core-Shell Upconversion Nanoparticles. <i>Chemistry of Materials</i> , 2019, 31, 3103-3110.	6.7	21
13	Recent progress in the application of microfluidic systems and gold nanoparticles in immunoassays. <i>Science China Chemistry</i> , 2011, 54, 1227-1232.	8.2	18
14	Enhanced UV upconversion emission using plasmonic nanocavities. <i>Optics Express</i> , 2016, 24, 13999.	3.4	16
15	Mesoporous silica-coated ultrafine fibers for highly efficient laccase encapsulation. <i>Nanoscale</i> , 2014, 6, 6468.	5.6	13
16	Engineering upconversion emission spectra using plasmonic nanocavities. <i>Optics Letters</i> , 2014, 39, 3710.	3.3	4