

Suying Xu

List of Publications by Year in descending order

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papers

1,882
citations

236925

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254184

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docs citations

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times ranked

3161
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#	ARTICLE	IF	CITATIONS
1	Ultrasmall Cu ₇ S ₄ @MoS ₂ Hetero-Nanoframes with Abundant Active Edge Sites for Ultrahigh-Performance Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6502-6505.	13.8	128
2	Fluorine Grafted Cu ₇ S ₄ -Au Heterodimers for Multimodal Imaging Guided Photothermal Therapy with High Penetration Depth. <i>Journal of the American Chemical Society</i> , 2018, 140, 5890-5894.	13.7	125
3	Simultaneous detection of hydrogen peroxide and glucose in human serum with upconversion luminescence. <i>Biosensors and Bioelectronics</i> , 2015, 68, 204-209.	10.1	104
4	Gas Foaming Guided Fabrication of 3D Porous Plasmonic Nanoplatfom with Broadband Absorption, Tunable Shape, Excellent Stability, and High Photothermal Efficiency for Solar Water Purification. <i>Advanced Functional Materials</i> , 2020, 30, 2003995.	14.9	90
5	Cu ₇ S ₄ Nanosuperlattices with Greatly Enhanced Photothermal Efficiency. <i>Small</i> , 2015, 11, 4183-4190.	10.0	85
6	Polyaniline-Based Photothermal Paper Sensor for Sensitive and Selective Detection of 2,4,6-Trinitrotoluene. <i>Analytical Chemistry</i> , 2015, 87, 5451-5456.	6.5	84
7	Ultrahigh ¹⁹ F Loaded Cu _{1.75} S Nanoprobes for Simultaneous ¹⁹ F Magnetic Resonance Imaging and Photothermal Therapy. <i>ACS Nano</i> , 2016, 10, 1355-1362.	14.6	82
8	Full-Range pH Stable Au-Clusters in Nanogel for Confinement-Enhanced Emission and Improved Sulfide Sensing in Living Cells. <i>Analytical Chemistry</i> , 2018, 90, 3270-3275.	6.5	78
9	Recent developments of low-toxicity NIR II quantum dots for sensing and bioimaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 149-155.	11.4	75
10	One-pot synthesis of gold nanoclusters with bright red fluorescence and good biorecognition Abilities for visualization fluorescence enhancement detection of E. coli. <i>Talanta</i> , 2015, 134, 54-59.	5.5	67
11	Embedding Nanocluster in MOF via Crystalline Ion-Triggered Growth Strategy for Improved Emission and Selective Sensing. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16059-16065.	8.0	64
12	Fluorescent Nanosensors via Photoinduced Polymerization of Hydrophobic Inorganic Quantum Dots for the Sensitive and Selective Detection of Nitroaromatics. <i>Analytical Chemistry</i> , 2015, 87, 2383-2388.	6.5	57
13	Highly Efficient Photothermal Semiconductor Nanocomposites for Photothermal Imaging of Latent Fingerprints. <i>Analytical Chemistry</i> , 2015, 87, 11592-11598.	6.5	55
14	A Fluorescent Chemodosimeter for Live-Cell Monitoring of Aqueous Sulfides. <i>Analytical Chemistry</i> , 2016, 88, 1434-1439.	6.5	54
15	Smart Cu _{1.75} S nanocapsules with high and stable photothermal efficiency for NIR photo-triggered drug release. <i>Nano Research</i> , 2015, 8, 4038-4047.	10.4	52
16	Reducing Valence States of Co Active Sites in a Single-Atom Nanozyme for Boosted Tumor Therapy. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	47
17	Ultrasmall Organic Nanoparticles with Aggregation-Induced Emission and Enhanced Quantum Yield for Fluorescence Cell Imaging. <i>Analytical Chemistry</i> , 2016, 88, 7853-7857.	6.5	45
18	Exploration of photothermal sensors based on photothermally responsive materials: a brief review. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 751-759.	6.0	45

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19	A pH-responsive nanoprobe for turn-on ¹⁹ F-magnetic resonance imaging. <i>Chemical Communications</i> , 2018, 54, 9853-9856.	4.1	45
20	Plasmon-Enhanced Photoelectrical Hydrogen Evolution on Monolayer MoS ₂ Decorated Cu _{1.75} -Au Nanocrystals. <i>Small</i> , 2017, 13, 1602235.	10.0	34
21	Organic/inorganic supramolecular nano-systems based on host/guest interactions. <i>Coordination Chemistry Reviews</i> , 2021, 428, 213609.	18.8	31
22	Highly efficient PdCu ₃ nanocatalysts for Suzuki-Miyaura reaction. <i>Nano Research</i> , 2016, 9, 2912-2920.	10.4	29
23	Surface plasmon resonance-enhanced photothermal nanosensor for sensitive and selective visual detection of 2,4,6-trinitrotoluene. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 224-229.	7.8	29
24	¹⁹ F MRI Nanoprobes for the Turn-On Detection of Phospholipase A2 with a Low Background. <i>Analytical Chemistry</i> , 2019, 91, 8147-8153.	6.5	28
25	Multifunctional nanoprobes for both fluorescence and ¹⁹ F magnetic resonance imaging. <i>Nanoscale</i> , 2017, 9, 7163-7168.	5.6	27
26	Upconversion luminescence tracking of gene delivery via multifunctional nanocapsules. <i>Talanta</i> , 2016, 150, 118-124.	5.5	25
27	Colorimetric paper sensor for sensitive detection of explosive nitroaromatics based on Au@Ag nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 16-22.	3.9	25
28	Intratumoral Glutathione Activatable Nanoprobes for Fluorescence and ¹⁹ F Magnetic Resonance Turn-On Imaging. <i>Analytical Chemistry</i> , 2020, 92, 15679-15684.	6.5	25
29	A General and Facile Strategy to Fabricate Multifunctional Nanoprobes for Simultaneous ¹⁹ F Magnetic Resonance Imaging, Optical/Thermal Imaging, and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22830-22838.	8.0	24
30	One-Pot Aqueous Synthesis of Highly Biocompatible Near Infrared CuInS ₂ Quantum Dots for Target Cell Imaging. <i>Chinese Journal of Chemistry</i> , 2016, 34, 576-582.	4.9	23
31	Nanoplatforms with synergistic redox cycles and rich defects for activatable image-guided tumor-specific therapy. <i>CheM</i> , 2022, 8, 2498-2513.	11.7	22
32	Superfluorinated copper sulfide nanoprobes for simultaneous ¹⁹ F magnetic resonance imaging and photothermal ablation. <i>Nano Research</i> , 2016, 9, 1630-1638.	10.4	21
33	Monolayer MoS ₂ decorated Cu ₇ S ₄ -Au nanocatalysts for sensitive and selective detection of mercury(II). <i>Science China Materials</i> , 2017, 60, 352-360.	6.3	18
34	Ultrasmall Cu ₇ S ₄ @MoS ₂ Hetero-Nanoframes with Abundant Active Edge Sites for Ultrahigh-Performance Hydrogen Evolution. <i>Angewandte Chemie</i> , 2016, 128, 6612-6615.	2.0	14
35	Solar-driven broad spectrum fungicides based on monodispersed Cu ₇ S ₄ nanorods with strong near-infrared photothermal efficiency. <i>RSC Advances</i> , 2016, 6, 103930-103937.	3.6	12
36	A visual photothermal paper sensor for H ₂ S recognition through rational modulation LSPR wavelength of plasmonics. <i>Science China Chemistry</i> , 2018, 61, 368-374.	8.2	12

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37	Organic Nanoprobes for Fluorescence and ¹⁹ F Magnetic Resonance Dual-Modality Imaging. Chinese Journal of Chemistry, 2018, 36, 25-30.	4.9	12
38	pH-responsive cocktail drug nanocarriers by encapsulating paclitaxel with doxorubicin modified poly(amino acid). RSC Advances, 2015, 5, 43148-43154.	3.6	11
39	Photothermo-responsive Cu ₇ S ₄ @polymer nanocarriers with small sizes and high efficiency for controlled chemo/photothermo therapy. Science China Materials, 2016, 59, 254-264.	6.3	11
40	Cu ₂ S/graphene oxide nanocomposites for efficient photocatalysis driven by real sunlight. RSC Advances, 2015, 5, 94375-94379.	3.6	10
41	¹⁹ F-Grafted Fluorescent Carbonized Polymer Dots for Dual-Mode Imaging. Analytical Chemistry, 2021, 93, 13880-13885.	6.5	9
42	Regulating locations of active sites: a novel strategy to greatly improve the stability of PtAu electrocatalysts. Chemical Communications, 2019, 55, 13602-13605.	4.1	8
43	Fluorinated ZnFe ^{III} Hollow Metal-Organic Framework as a ¹⁹ F NMR Probe for Highly Sensitive and Selective Detection of Hydrogen Sulfide. ACS Omega, 2020, 5, 8373-8379.	3.5	7
44	A facile strategy for the synthesis of monodispersed W ₁₇ O ₄₇ nanoneedles. RSC Advances, 2016, 6, 29378-29382.	3.6	6
45	Solvent Tailored Strategy for Synthesis of Ultrasmall Ag ₂ S Quantum Dots with Near-Infrared-II Luminescence. Journal of Nanoscience and Nanotechnology, 2019, 19, 4549-4555.	0.9	6
46	Selective Ligand Sensitization of Lanthanide Nanoparticles for Multilevel Information Encryption with Excellent Durability. Analytical Chemistry, 2021, 93, 14317-14322.	6.5	6
47	Bifunctional nanocapsules for magnetic resonance imaging and photodynamic therapy. RSC Advances, 2016, 6, 104731-104734.	3.6	4
48	A Versatile Strategy for Surface Functionalization of Hydrophobic Nanoparticle by Boronic Acid Modified Polymerizable Diacetylene Derivatives. Frontiers in Chemistry, 2019, 7, 734.	3.6	3
49	<i>In Situ</i> Fabrication of Nanoprobes for ¹⁹ F Magnetic Resonance and Photoacoustic Imaging-Guided Tumor Therapy. Analytical Chemistry, 2022, 94, 5317-5324.	6.5	3
50	Design of novel fluorinated probes for versatile surface functionalization and ¹⁹ F magnetic resonance imaging. Chemistry - an Asian Journal, 0, , .	3.3	2