

Xiao-Rong Song

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,578
citations

218592

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345118

36
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docs citations

36
times ranked

3734
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Infrared II Gold Nanocluster Assemblies with Improved Luminescence and Biocompatibility for In Vivo Ratiometric Imaging of H ₂ S. <i>Analytical Chemistry</i> , 2022, 94, 2641-2647.	3.2	51
2	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie</i> , 2021, 133, 1326-1332.	1.6	14
3	An Activatable X-Ray Scintillating Luminescent Nanoprobe for Early Diagnosis and Progression Monitoring of Thrombosis in Live Rat. <i>Advanced Functional Materials</i> , 2021, 31, 2006353.	7.8	22
4	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1306-1312.	7.2	155
5	Engineered Nanoscale Vanadium Metallodrugs for Robust Tumor-Specific Imaging and Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2010337.	7.8	22
6	High-resolution X-ray luminescence extension imaging. <i>Nature</i> , 2021, 590, 410-415.	13.7	378
7	Broadband Detection of X-ray, Ultraviolet, and Near-Infrared Photons using Solution-Processed Perovskite-Lanthanide Nanotransducers. <i>Advanced Materials</i> , 2021, 33, e2101852.	11.1	51
8	Effects of hydroxyl radicals produced by a zinc phthalocyanine photosensitizer on tumor DNA. <i>Dyes and Pigments</i> , 2020, 173, 107894.	2.0	10
9	Broadband excitable NIR-II luminescent nano-bioprobes based on CuInSe ₂ quantum dots for the detection of circulating tumor cells. <i>Nano Today</i> , 2020, 35, 100943.	6.2	57
10	Light-Switchable Yolk-Mesoporous Shell UCNPs@MgSiO ₃ for Nitric Oxide-Evoked Multidrug Resistance Reversal in Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30066-30076.	4.0	45
11	Near-infrared-excited upconversion photodynamic therapy of extensively drug-resistant <i>Acinetobacter baumannii</i> based on lanthanide nanoparticles. <i>Nanoscale</i> , 2020, 12, 13948-13957.	2.8	43
12	A series of photosensitizers with incremental positive electric charges for photodynamic antitumor therapy. <i>RSC Advances</i> , 2019, 9, 24560-24567.	1.7	6
13	Direct Detection of Circulating Tumor Cells in Whole Blood Using Time-Resolved Luminescent Lanthanide Nanoprobes. <i>Angewandte Chemie</i> , 2019, 131, 12323-12327.	1.6	4
14	Direct Detection of Circulating Tumor Cells in Whole Blood Using Time-Resolved Luminescent Lanthanide Nanoprobes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12195-12199.	7.2	62
15	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18981-18986.	7.2	92
16	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. <i>Angewandte Chemie</i> , 2019, 131, 19157-19162.	1.6	12
17	Tumor-targeting photodynamic therapy based on folate-modified polydopamine nanoparticles. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6799-6812.	3.3	32
18	Highly efficient luminescent III-VI semiconductor nanoprobes based on template-synthesized CuInS ₂ nanocrystals. <i>Nano Research</i> , 2019, 12, 1804-1809.	5.8	19

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19	Near-Infrared Light-Triggered Sulfur Dioxide Gas Therapy of Cancer. <i>ACS Nano</i> , 2019, 13, 2103-2113.	7.3	86
20	An efficient synergistic cancer therapy by integrating cell cycle inhibitor and photosensitizer into polydopamine nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2620-2629.	2.9	16
21	Enhancing Antitumor Efficacy by Simultaneous ATP-Responsive Chemodrug Release and Cancer Cell Sensitization Based on a Smart Nanoagent. <i>Advanced Science</i> , 2018, 5, 1801201.	5.6	35
22	Large-scale synthesis of uniform lanthanide-doped NaREF ₄ upconversion/downshifting nanoprobe for bioapplications. <i>Nanoscale</i> , 2018, 10, 11477-11484.	2.8	84
23	Engineering of tungsten carbide nanoparticles for imaging-guided single 1,064 nm laser-activated dual-type photodynamic and photothermal therapy of cancer. <i>Nano Research</i> , 2018, 11, 4859-4873.	5.8	42
24	Repeatable deep-tissue activation of persistent luminescent nanoparticles by soft X-ray for high sensitivity long-term in vivo bioimaging. <i>Nanoscale</i> , 2017, 9, 2718-2722.	2.8	74
25	Polyphenol-Inspired Facile Construction of Smart Assemblies for ATP- and pH-Responsive Tumor MR/Optical Imaging and Photothermal Therapy. <i>Small</i> , 2017, 13, 1603997.	5.2	70
26	Plant Polyphenol-Assisted Green Synthesis of Hollow CoPt Alloy Nanoparticles for Dual-Modality Imaging Guided Photothermal Therapy. <i>Small</i> , 2016, 12, 1506-1513.	5.2	57
27	Functionalization of metal nanoclusters for biomedical applications. <i>Analyst</i> , 2016, 141, 3126-3140.	1.7	279
28	Enzyme-free amplified detection of microRNA using target-catalyzed hairpin assembly and magnesium ion-dependent deoxyribozyme. <i>Science China Chemistry</i> , 2015, 58, 1906-1911.	4.2	11
29	Co ₉ Se ₈ Nanoplates as a New Theranostic Platform for Photoacoustic/Magnetic Resonance Dual-Modality Imaging-Guided Chemo-Photothermal Combination Therapy. <i>Advanced Materials</i> , 2015, 27, 3285-3291.	11.1	265
30	Topological insulator bismuth selenide as a theranostic platform for simultaneous cancer imaging and therapy. <i>Scientific Reports</i> , 2013, 3, 1998.	1.6	137
31	Nicking enzyme based homogeneous aptasensors for amplification detection of protein. <i>Chemical Communications</i> , 2012, 48, 374-376.	2.2	33
32	A graphene oxide (GO)-based molecular beacon for DNA-binding transcription factor detection. <i>Nanoscale</i> , 2012, 4, 3655.	2.8	44
33	Label-free and fluorescence turn-on aptasensor for protein detection via target-induced silver nanoclusters formation. <i>Analytica Chimica Acta</i> , 2012, 749, 70-74.	2.6	61
34	Enzyme-free fluorescence aptasensor for amplification detection of human thrombin via target-catalyzed hairpin assembly. <i>Biosensors and Bioelectronics</i> , 2012, 36, 217-221.	5.3	54
35	Enzyme-free signal amplification in the DNAzyme sensor via target-catalyzed hairpin assembly. <i>Chemical Communications</i> , 2012, 48, 3112.	2.2	128
36	Multiplex detection of nucleases by a graphene-based platform. <i>Journal of Materials Chemistry</i> , 2011, 21, 10915.	6.7	27