Xiao-Rong Song

List of Publications by Year
in descending order

36 papers	2,578 citations	218381 26 h-index	344852 36 g-index
36 all docs	36 docs citations	36 times ranked	3734 citing authors

#	Article	IF	Citations
1	High-resolution X-ray luminescence extension imaging. Nature, 2021, 590, 410-415.	13.7	378
2	Functionalization of metal nanoclusters for biomedical applications. Analyst, The, 2016, 141, 3126-3140.	1.7	279
3	Co_9Se_8 Nanoplates as a New Theranostic Platform for Photoacoustic/Magnetic Resonance Dual-Modal-Imaging-Guided Chemo-Photothermal Combination Therapy. Advanced Materials, 2015, 27, 3285-3291.	11.1	265
4	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In-...Vivo Tumor-Targeted Imaging. Angewandte Chemie - International Edition, 2021, 60, 1306-1312.	7.2	155
5	Topological insulator bismuth selenide as a theranostic platform for simultaneous cancer imaging and therapy. Scientific Reports, 2013, 3, 1998.	1.6	137
6	Enzyme-free signal amplification in the DNAzyme sensor via target-catalyzed hairpin assembly. Chemical Communications, 2012, 48, 3112.	2.2	128
7	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. Angewandte Chemie - International Edition, 2019, 58, 18981-18986.	7.2	92
8	Near-Infrared Light-Triggered Sulfur Dioxide Gas Therapy of Cancer. ACS Nano, 2019, 13, 2103-2113.	7.3	86
9	Large-scale synthesis of uniform lanthanide-doped $NaREF_4$ upconversion/downshifting nanoprobes for bioapplications. Nanoscale, 2018, 10, 11477-11484.	2.8	84
10	Repeatable deep-tissue activation of persistent luminescent nanoparticles by soft X-ray for high sensitivity long-term in vivo bioimaging. Nanoscale, 2017, 9, 2718-2722.	2.8	74
11	Polyphenol-Inspired Facile Construction of Smart Assemblies for ATP- and pH-Responsive Tumor MR/Optical Imaging and Photothermal Therapy. Small, 2017, 13, 1603997.	5.2	70
12	Direct Detection of Circulating Tumor Cells in Whole Blood Using Time-Resolved Luminescent Lanthanide Nanoprobes. Angewandte Chemie - International Edition, 2019, 58, 12195-12199.	7.2	62
13	Label-free and fluorescence turn-on aptasensor for protein detection via target-induced silver nanoclusters formation. Analytica Chimica Acta, 2012, 749, 70-74.	2.6	61
14	Plant Polyphenol-Assisted Green Synthesis of Hollow CoPt Alloy Nanoparticles for Dual-Modality Imaging Guided Photothermal Therapy. Small, 2016, 12, 1506-1513.	5.2	57
15	Broadband excitable NIR-II luminescent nano-bioprobes based on CuInSe2 quantum dots for the detection of circulating tumor cells. Nano Today, 2020, 35, 100943.	6.2	57
16	Enzyme-free fluorescence aptasensor for amplification detection of human thrombin via target-catalyzed hairpin assembly. Biosensors and Bioelectronics, 2012, 36, 217-221.	5.3	54
17	Broadband Detection of X-ray, Ultraviolet, and Near-Infrared Photons using Solution-Processed Perovskite–Lanthanide Nanotransducers. Advanced Materials, 2021, 33, e2101852.	11.1	51
18	Near-Infrared II Gold Nanocluster Assemblies with Improved Luminescence and Biofate for In Vivo Ratiometric Imaging of H_2S. Analytical Chemistry, 2022, 94, 2641-2647.	3.2	51

#	Article	IF	Citations
19	Light-Switchable Yolk–"Mesoporous Shell UCNPs@MgSiO$_3$ for Nitric Oxide-Evoked Multidrug Resistance Reversal in Cancer Therapy. ACS Applied Materials & Interfaces, 2020, 12, 30066-30076.	4.0	45
20	A graphene oxide (GO)-based molecular beacon for DNA-binding transcription factor detection. Nanoscale, 2012, 4, 3655.	2.8	44
21	Near-infrared-excited upconversion photodynamic therapy of extensively drug-resistant *Acinetobacter baumannii* based on lanthanide nanoparticles. Nanoscale, 2020, 12, 13948-13957.	2.8	43
22	Engineering of tungsten carbide nanoparticles for imaging-guided single 1,064 nm laser-activated dual-type photodynamic and photothermal therapy of cancer. Nano Research, 2018, 11, 4859-4873.	5.8	42
23	Enhancing Antitumor Efficacy by Simultaneous ATP‐Responsive Chemodrug Release and Cancer Cell Sensitization Based on a Smart Nanoagent. Advanced Science, 2018, 5, 1801201.	5.6	35
24	Nicking enzyme based homogeneous aptasensors for amplification detection of protein. Chemical Communications, 2012, 48, 374-376.	2.2	33
25	<p>Tumor-targeting photodynamic therapy based on folate-modified polydopamine nanoparticles</p>. International Journal of Nanomedicine, 2019, Volume 14, 6799-6812.	3.3	32
26	Multiplex detection of nucleases by a graphene-based platform. Journal of Materials Chemistry, 2011, 21, 10915.	6.7	27
27	An Activatable X‐Ray Scintillating Luminescent Nanoprobe for Early Diagnosis and Progression Monitoring of Thrombosis in Live Rat. Advanced Functional Materials, 2021, 31, 2006353.	7.8	22
28	Engineered Nanoscale Vanadium Metallodrugs for Robust Tumor‐Specific Imaging and Therapy. Advanced Functional Materials, 2021, 31, 2010337.	7.8	22
29	Highly efficient luminescent I-III-VI semiconductor nanoprobes based on template-synthesized CuInS2 nanocrystals. Nano Research, 2019, 12, 1804-1809.	5.8	19
30	An efficient synergistic cancer therapy by integrating cell cycle inhibitor and photosensitizer into polydopamine nanoparticles. Journal of Materials Chemistry B, 2018, 6, 2620-2629.	2.9	16
31	A New Class of NIR‐II Gold Nanocluster‐Based Protein Biolabels for In‐Vivo Tumor‐Targeted Imaging. Angewandte Chemie, 2021, 133, 1326-1332.	1.6	14
32	Graphene‐Oxide‐Modified Lanthanide Nanoprobes for Tumor‐Targeted Visible/NIR‐II Luminescence Imaging. Angewandte Chemie, 2019, 131, 19157-19162.	1.6	12
33	Enzyme-free amplified detection of microRNA using target-catalyzed hairpin assembly and magnesium ion-dependent deoxyribozyme. Science China Chemistry, 2015, 58, 1906-1911.	4.2	11
34	Effects of hydroxyl radicals produced by a zinc phthalocyanine photosensitizer on tumor DNA. Dyes and Pigments, 2020, 173, 107894.	2.0	10
35	A series of photosensitizers with incremental positive electric charges for photodynamic antitumor therapy. RSC Advances, 2019, 9, 24560-24567.	1.7	6
36	Direct Detection of Circulating Tumor Cells in Whole Blood Using Time‐Resolved Luminescent Lanthanide Nanoprobes. Angewandte Chemie, 2019, 131, 12323-12327.	1.6	4