

Zhou Xiaobo

List of Publications by Year in descending order

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27
papers

999
citations

567281

15
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent/phosphorescent dual-emissive conjugated polymer dots for hypoxia bioimaging. <i>Chemical Science</i> , 2015, 6, 1825-1831.	7.4	205
2	Multifunctional Phosphorescent Conjugated Polymer Dots for Hypoxia Imaging and Photodynamic Therapy of Cancer Cells. <i>Advanced Science</i> , 2016, 3, 1500155.	11.2	111
3	Early Detection of SARS-CoV-2 Seroconversion in Humans with Aggregation-Induced Near-Infrared Emission Nanoparticle-Labeled Lateral Flow Immunoassay. <i>ACS Nano</i> , 2021, 15, 8996-9004.	14.6	109
4	A multifunctional phosphorescent iridium(^{III}) complex for specific nucleus staining and hypoxia monitoring. <i>Chemical Communications</i> , 2015, 51, 7943-7946.	4.1	73
5	Metabolic Labeling of Peptidoglycan with NIR-Excitable Dye Enables In Vivo Imaging of Gut Microbiota. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2628-2633.	13.8	71
6	Dual Near-Infrared-Emissive Luminescent Nanoprobes for Ratiometric Luminescent Monitoring of ClO ⁻ in Living Organisms. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15298-15305.	8.0	59
7	Dye-sensitized upconversion nanocomposites for ratiometric semi-quantitative detection of hypochlorite in vivo. <i>Nanoscale</i> , 2019, 11, 2959-2965.	5.6	52
8	Ultrabright NIR-Excitable Emissive Polymer Dots for Metastatic Ovarian Cancer Detection. <i>Advanced Science</i> , 2021, 8, 2000441.	11.2	39
9	Ultrabright and Highly Polarity-Sensitive NIR-Excitable/NIR-Excitable Fluorophores for the Tracking of Lipid Droplets and Staging of Fatty Liver Disease. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	38
10	Point-of-care Ratiometric Fluorescence Imaging of Tissue for the Diagnosis of Ovarian Cancer. <i>Theranostics</i> , 2019, 9, 4597-4607.	10.0	32
11	Innovative strategies for enhanced tumor photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7347-7370.	5.8	27
12	Time-Gated Ratiometric Detection with the Same Working Wavelength To Minimize the Interferences from Photon Attenuation for Accurate in Vivo Detection. <i>ACS Central Science</i> , 2019, 5, 299-307.	11.3	24
13	Quantitative Mapping of Liver Hypoxia in Living Mice Using Time-Resolved Wide-Field Phosphorescence Lifetime Imaging. <i>Advanced Science</i> , 2020, 7, 1902929.	11.2	20
14	pH-Dominated Selective Imaging of Lipid Droplets and Mitochondria via a Polarity-Reversible Ratiometric Fluorescent Probe. <i>Analytical Chemistry</i> , 2022, 94, 2901-2911.	6.5	20
15	Influence on the Apparent Luminescent Lifetime of Rare-Earth Upconversion Nanoparticles by Quenching the Sensitizer's Excited State for Hypochlorous Acid Detection and Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14004-14011.	8.0	20
16	NIR-II emissive lateral flow immunoassay for accurate determination of tumor marker in hemolysis. <i>Sensors and Actuators B: Chemical</i> , 2021, 328, 129050.	7.8	18
17	Tuning the Upconversion Efficiency and Spectrum of Upconversion Nanoparticles through Surface Decorating of an Organic Dye. <i>Inorganic Chemistry</i> , 2019, 58, 14490-14497.	4.0	13
18	Reversible Ratiometric Probe Combined with the Time-Gated Method for Accurate In Vivo Gastrointestinal pH Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25557-25564.	8.0	13

#	ARTICLE	IF	CITATIONS
19	Refractive-Index-Matching-Based Encryption of Photonic Crystal Prints with Multistage and Reconfigurable Information. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100789.	3.7	12
20	Gonadotropin-Releasing Hormone Receptor-Targeted Near-Infrared Fluorescence Probe for Specific Recognition and Localization of Peritoneal Metastases of Ovarian Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 266.	2.8	11
21	Conjugated polymer-based luminescent probes for ratiometric detection of biomolecules. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7309-7327.	5.8	8
22	Monitoring energy distribution of nonradiative energy transfer and reabsorption process in an upconversion nanoparticle detection system. <i>Journal of Luminescence</i> , 2019, 210, 175-181.	3.1	6
23	Hemoglobin coated oxygen storage metal-organic framework as a promising artificial oxygen carrier. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4002-4005.	5.8	6
24	A highly sensitive electrochemical cytosensor based on a triple signal amplification strategy using both nanozyme and DNAzyme. <i>Journal of Materials Chemistry B</i> , 2022, 10, 700-706.	5.8	5
25	Bifunctional Pdots-Based Novel ECL Nanoprobe with Qualitative and Quantitative Dual Signal Amplification Characteristics for Trace Cytokine Analysis. <i>Analytical Chemistry</i> , 2022, 94, 7115-7122.	6.5	5
26	Ultrabright and Highly Polarity-Sensitive NIR/NIR-Fluorophores for the Tracking of Lipid Droplets and Staging of Fatty Liver Disease (<i>Adv. Funct. Mater.</i> 12/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	1
27	Refractive-Index-Matching-Based Encryption of Photonic Crystal Prints with Multistage and Reconfigurable Information (<i>Adv. Mater. Interfaces</i> 20/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, 2170112.	3.7	0