

Xianghan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

292
citations

1039880

9
h-index

887953

17
g-index

21
all docs

21
docs citations

21
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-quenched liposomal probes for tumor imaging based on cellular on/off system. <i>Materials Today Communications</i> , 2022, 30, 103207.	0.9	3
2	Sustainable Approach to Methine-Substituted Heptamethine Cyanines from Bioderived Furfural and Their Phototherapy Potential. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2282-2288.	3.2	2
3	Insight into the spatial interaction of D- π -A bridge derived cyanines and nitroreductase for fluorescent cancer hypoxia detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121031.	2.0	0
4	Liposomal Glucose Oxidase for Enhanced Photothermal Therapy and Photodynamic Therapy against Breast Tumors. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1892-1906.	2.6	9
5	Bioorthogonally activatable cyanine dye with torsion-induced disaggregation for in vivo tumor imaging. <i>Nature Communications</i> , 2022, 13, .	5.8	27
6	Development and validation of a PCR-free nucleic acid testing method for RNA viruses based on linear molecular beacon probes. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	1
7	Liposome-templated gold nanoparticles for precisely temperature-controlled photothermal therapy based on heat shock protein expression. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112686.	2.5	10
8	Liposome trade-off strategy in mitochondria-targeted NIR-cyanine: balancing blood circulation and cell retention for enhanced anti-tumor phototherapy in vivo. <i>Nano Research</i> , 2021, 14, 2432-2440.	5.8	14
9	Albumin-based fluorescence resonance energy transfer nanoprobe for multileveled tumor tissue imaging and dye release imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111537.	2.5	4
10	Rhodol-based fluorescent probes for the detection of fluoride ion and its application in water, tea and live animal imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117467.	2.0	11
11	An activatable liposomal fluorescence probe based on fluorescence resonance energy transfer and aggregation induced emission effect for sensitive tumor imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110789.	2.5	5
12	Near-infrared fluorescent probe for selective detection of H ₂ S and its application in living animals. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5985-5992.	1.9	9
13	Liposome-based probes for molecular imaging: from basic research to the bedside. <i>Nanoscale</i> , 2019, 11, 5822-5838.	2.8	55
14	Dual-functional probe based on rhodamine for sequential Cu ²⁺ and ATP detection in vivo. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 657-664.	2.0	26
15	Development of functionalized gold nanoparticles as nanoflare probes for rapid detection of classical swine fever virus. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 110-114.	2.5	6
16	In Vivo and in Situ Activated Aggregation-Induced Emission Probes for Sensitive Tumor Imaging Using Tetraphenylethene-Functionalized Trimethincyanines-Encapsulated Liposomes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25146-25153.	4.0	34
17	Improved Tumor Targeting and Longer Retention Time of NIR Fluorescent Probes Using Bioorthogonal Chemistry. <i>Theranostics</i> , 2017, 7, 3794-3802.	4.6	34
18	Nonplanar Monocyanines: <i>Meso</i> -Substituted Thiazole Orange with High Photostability and Their Synthetic Strategy as well as a Cell Association Study. <i>Journal of Organic Chemistry</i> , 2016, 81, 6303-6313.	1.7	18

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19	Investigation of injection dose and camera integration time on quantifying pharmacokinetics of a Cy5.5-GX1 probe with dynamic fluorescence imaging in vivo. <i>Journal of Biomedical Optics</i> , 2016, 21, 086001.	1.4	7
20	In vivo quantifying molecular specificity of Cy55-labeled cyclic 9-mer peptide probe with dynamic fluorescence imaging. <i>Biomedical Optics Express</i> , 2016, 7, 1149.	1.5	12
21	Construction of thermal- and light-responsive liposomes noncovalently decorated with gold nanoparticles. <i>RSC Advances</i> , 2014, 4, 44568-44574.	1.7	5