

Xiaolong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,376
citations

361413

20
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

2296
citing authors

#	ARTICLE	IF	CITATIONS
1	Turn-On Fluorescence Sensor for Intracellular Imaging of Glutathione Using g-C ₃ N ₄ Nanosheet@MnO ₂ Sandwich Nanocomposite. <i>Analytical Chemistry</i> , 2014, 86, 3426-3434.	6.5	378
2	Glutathione-functionalized graphene quantum dots as selective fluorescent probes for phosphate-containing metabolites. <i>Nanoscale</i> , 2013, 5, 1810.	5.6	175
3	Light-Enhanced Hypoxia-Response of Conjugated Polymer Nanocarrier for Successive Synergistic Photodynamic and Chemo-Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21909-21919.	8.0	73
4	Smart Cu(II)-aptamer complexes based gold nanoplatfor for tumor micro-environment triggered programmable intracellular prodrug release, photodynamic treatment and aggregation induced photothermal therapy of hepatocellular carcinoma. <i>Theranostics</i> , 2017, 7, 164-179.	10.0	69
5	Self-Quenched Metal-Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25203-25212.	8.0	63
6	Cancer Cell-Targeted Photosensitizer and Therapeutic Protein Co-Delivery Nanoplatfor Based on a Metal-Organic Framework for Enhanced Synergistic Photodynamic and Protein Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36906-36916.	8.0	58
7	Self-Luminescing Theranostic Nanoreactors with Intraparticle Relayed Energy Transfer for Tumor Microenvironment Activated Imaging and Photodynamic Therapy. <i>Theranostics</i> , 2019, 9, 20-33.	10.0	53
8	A Selective Artificial Enzyme Inhibitor Based on Nanoparticle-Enzyme Interactions and Molecular Imprinting. <i>Advanced Materials</i> , 2013, 25, 5922-5927.	21.0	50
9	Semiconducting polymer-based nanoparticles for photothermal therapy at the second near-infrared window. <i>Chemical Communications</i> , 2018, 54, 13599-13602.	4.1	47
10	Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immunotherapy Efficiency of Solid Tumors. <i>Small</i> , 2019, 15, e1902636.	10.0	43
11	A fluorescence sensing platfor with the MnO ₂ nanosheets as an effective oxidant for glutathione detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 30-36.	7.8	39
12	Hypoxia-responsive nanoreactors based on self-enhanced photodynamic sensitization and triggered ferroptosis for cancer synergistic therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 204.	9.1	36
13	A thieno-isoindigo derivative-based conjugated polymer nanoparticle for photothermal therapy in the NIR-II bio-window. <i>Nanoscale</i> , 2020, 12, 19665-19672.	5.6	34
14	Engineered Red Blood Cell Biomimetic Nanovesicle with Oxygen Self-Supply for Near-Infrared-II Fluorescence-Guided Synergetic Chemo-Photodynamic Therapy against Hypoxic Tumors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52435-52449.	8.0	34
15	A fluorescence based immunoassay for galectin-4 using gold nanoclusters and a composite consisting of glucose oxidase and a metal-organic framework. <i>Mikrochimica Acta</i> , 2017, 184, 1933-1940.	5.0	29
16	A fluorescent turn on nanoprobe for simultaneous visualization of dual-targets involved in cell apoptosis and drug screening in living cells. <i>Nanoscale</i> , 2017, 9, 10861-10868.	5.6	28
17	An Isothermal Method for Sensitive Detection of Mycobacterium tuberculosis Complex Using Clustered Regularly Interspaced Short Palindromic Repeats/Cas12a Cis and Trans Cleavage. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 1020-1029.	2.8	27
18	Facile preparation of biocompatible TiO ₂ nanoparticles for second near-infrared window photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7889-7897.	5.8	25

#	ARTICLE	IF	CITATIONS
19	Peroxidase-like catalytic activity of copper ions and its application for highly sensitive detection of glypican-3. <i>Analytica Chimica Acta</i> , 2016, 941, 87-93.	5.4	23
20	A facile approach for preparation of molecularly imprinted polymers layer on the surface of carbon nanotubes. <i>Talanta</i> , 2013, 105, 403-408.	5.5	21
21	A cancer cell specific targeting nanocomplex for combination of mRNA-responsive photodynamic and chemo-therapy. <i>Chemical Communications</i> , 2017, 53, 9979-9982.	4.1	15
22	A near-infrared turn-on fluorescence probe for glutathione detection based on nanocomposites of semiconducting polymer dots and MnO ₂ nanosheets. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 8167-8176.	3.7	13
23	A MnO ₂ nanosheets@i>o</i>-phenylenediamine oxidative system for the sensitive fluorescence determination of alkaline phosphatase activity. <i>Analytical Methods</i> , 2018, 10, 5341-5346.	2.7	10
24	Immunotherapy: Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal@Immuno-therapy Efficiency of Solid Tumors (Small) Tj ETQq0 0 0 rgBT0 Overlock 10 Tf 5		
25	Sensitive fluorometric determination of glutathione using fluorescent polymer dots and the dopamine-melanin nanosystem. <i>Mikrochimica Acta</i> , 2019, 186, 568.	5.0	9
26	Polydopamine-assisted versatile modification of a nucleic acid probe for intracellular microRNA imaging and enhanced photothermal therapy. <i>RSC Advances</i> , 2018, 8, 6781-6788.	3.6	7
27	A colorimetric sensing platform for azodicarbonamide detection in flour based on MnO ₂ nanosheets oxidative system. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4887-4894.	3.7	4
28	A highly stable and biocompatible optical bioimaging nanoprobe based on carbon nanospheres. <i>RSC Advances</i> , 2016, 6, 37472-37477.	3.6	3
29	Development and evaluation of a new test kit for determination of immunosuppressants in blood by UHPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 215, 114756.	2.8	0