

Xu Zhao

List of Publications by Citations

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34
papers

570
citations

15
h-index

23
g-index

38
ext. papers

873
ext. citations

7.3
avg, IF

4.81
L-index

#	Paper	IF	Citations
34	pH Switchable Nanoplatfom for In Vivo Persistent Luminescence Imaging and Precise Photothermal Therapy of Bacterial Infection. <i>Advanced Functional Materials</i> , 2020 , 30, 1909042	15.6	65
33	In situ room-temperature fabrication of a covalent organic framework and its bonded fiber for solid-phase microextraction of polychlorinated biphenyls in aquatic products. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13249-13255	13	56
32	Fabrication of a covalent organic framework and its gold nanoparticle hybrids as stable mimetic peroxidase for sensitive and selective colorimetric detection of mercury in water samples. <i>Talanta</i> , 2019 , 204, 224-228	6.2	40
31	Carboxyl-Functionalized Covalent Organic Frameworks for the Adsorption and Removal of Triphenylmethane Dyes. <i>ACS Applied Nano Materials</i> , 2019 , 2, 7290-7298	5.6	39
30	A near-infrared multifunctional fluorescent probe with an inherent tumor-targeting property for bioimaging. <i>Chemical Communications</i> , 2015 , 51, 11721-4	5.8	37
29	-Bromophenol-Enhanced Bi enzymatic Chemiluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B. <i>Analytical Chemistry</i> , 2019 , 91, 13191-13197	7.8	25
28	Autofluorescence-free chemo/biosensing in complex matrixes based on persistent luminescence nanoparticles. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 65-72	14.6	24
27	Dendrimer grafted persistent luminescent nanoplatfom for aptamer guided tumor imaging and acid-responsive drug delivery. <i>Talanta</i> , 2020 , 219, 121209	6.2	23
26	Thiol-Ene Click Synthesis of Phenylboronic Acid-Functionalized Covalent Organic Framework for Selective Catechol Removal from Aqueous Medium. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46219-46225	9.5	23
25	pH-Responsive Torpedo-Like Persistent Luminescence Nanoparticles for Autofluorescence-Free Biosensing and High-Level Information Encryption. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2398-2405	16.4	23
24	Glucosamine modified near-infrared cyanine as a sensitive colorimetric fluorescent chemosensor for aspartic and glutamic acid and its applications. <i>New Journal of Chemistry</i> , 2014 , 38, 4791-4798	3.6	21
23	pH-Driven Targeting Nanoprobe with Dual-Responsive Drug Release for Persistent Luminescence Imaging and Chemotherapy of Tumor. <i>Analytical Chemistry</i> , 2020 , 92, 1179-1188	7.8	21
22	Macrophage membrane coated persistent luminescence nanoparticle@MOF-derived mesoporous carbon core-shell nanocomposites for autofluorescence-free imaging-guided chemotherapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8071-8083	7.3	20
21	Cell-Penetrating Peptide-Functionalized Persistent Luminescence Nanoparticles for Tracking J774A.1 Macrophages Homing to Inflamed Tissues. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19894-19901	9.5	15
20	A multifunctional persistent luminescent nanoprobe for imaging guided dual-stimulus responsive and triple-synergistic therapy of drug resistant tumor cells. <i>Chemical Communications</i> , 2019 , 55, 5283-5286	5.8	15
19	pH-Responsive Torpedo-Like Persistent Luminescence Nanoparticles for Autofluorescence-Free Biosensing and High-Level Information Encryption. <i>Angewandte Chemie</i> , 2021 , 133, 2428-2435	3.6	13
18	A pH reversibly activatable NIR photothermal/photodynamic-in-one agent integrated with renewable nanoimplants for image-guided precision phototherapy. <i>Chemical Science</i> , 2020 , 12, 442-452	9.4	12

17	A sensitive colorimetric and ratiometric chemosensor for trivalent metal cations. <i>Journal of Fluorescence</i> , 2015 , 25, 327-33	2.4	11
16	Persistent luminescence nanorod based luminescence resonance energy transfer aptasensor for autofluorescence-free detection of mycotoxin. <i>Talanta</i> , 2020 , 218, 121101	6.2	11
15	Near-Infrared Photothermal/Photodynamic-in-One Agents Integrated with a Guanidinium-Based Covalent Organic Framework for Intelligent Targeted Imaging-Guided Precision Chemo/PTT/PDT Sterilization. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 27895-27903	9.5	10
14	Functionalized Persistent Luminescence Nanoparticle-Based Aptasensor for Autofluorescence-free Determination of Kanamycin in Food Samples. <i>Analytical Chemistry</i> , 2021 , 93, 2589-2595	7.8	10
13	pH Reversibly Switchable Nanocapsule for Bacteria-Targeting Near-Infrared Fluorescence Imaging-Guided Precision Photodynamic Sterilization. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 45850-45858	9.5	8
12	Enhancing near-infrared AIE of photosensitizer with twisted intramolecular charge transfer characteristics via rotor effect for AIE imaging-guided photodynamic ablation of cancer cells. <i>Talanta</i> , 2021 , 225, 122046	6.2	7
11	Effect of Topology on Photodynamic Sterilization of Porphyrinic Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2021 , 27, 10151-10159	4.8	7
10	A novel near-infrared colorimetric probe for fluoride anions based on a heptamethine dye. <i>Analytical Methods</i> , 2016 , 8, 6452-6457	3.2	7
9	Responsive nanoplatform for persistent luminescence "turn-on" imaging and "on-demand" synergistic therapy of bacterial infection. <i>Journal of Colloid and Interface Science</i> , 2021 , 610, 687-687	9.3	5
8	A pH-Responsive Persistent Luminescence Nanozyme for Selective Imaging and Killing of and Common Resistant Bacteria.. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 60955-60965	9.5	5
7	Cationic Surfactant-Modified Covalent Organic Frameworks for Nitrate Removal from Aqueous Solution: Synthesis by Free-Radical Polymerization. <i>ChemPlusChem</i> , 2020 , 85, 828-831	2.8	4
6	6-Triphenylphosphinehexanoic Acid Conjugated Near-Infrared Persistent Luminescence Nanoprobe for Autofluorescence-Free Targeted Imaging of Mitochondria in Cancer Cells. <i>ChemNanoMat</i> , 2020 , 6, 427-434	3.5	2
5	Dual-Emissive Persistent Luminescence Nanoparticle-Based Charge-Reversible Intelligent Nanoprobe for Persistent Luminescence-Ratio Bioimaging along with Chemo-Photothermal Synergic Therapy. <i>Analytical Chemistry</i> , 2021 , 93, 7348-7354	7.8	2
4	A dual-colored persistent luminescence nanosensor for simultaneous and autofluorescence-free determination of aflatoxin B and zearalenone. <i>Talanta</i> , 2021 , 232, 122395	6.2	2
3	Fabrication of G-quadruplex/porphyrin conjugated gold/persistent luminescence theranostic nanoprobe for imaging-guided photodynamic therapy. <i>Talanta</i> , 2021 , 233, 122567	6.2	2
2	Vancomycin-Functionalized Porphyrinic Metal-Organic Framework PCN-224 with Enhanced Antibacterial Activity against Staphylococcus Aureus. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 2022-2026	4.5	1
1	A novel water-soluble phthalocyanine-based organic molecule for the effective NIR triggered dual phototherapy of cancer. <i>New Journal of Chemistry</i> , 2022 , 46, 6353-6359	3.6	0