

# Xu Zhao

## List of Publications by Year in descending order

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38  
papers

1,239  
citations

304368

22  
h-index

377514

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1329  
citing authors

#	ARTICLE	IF	CITATIONS
1	pH Switchable Nanoplatfor for In Vivo Persistent Luminescence Imaging and Precise Photothermal Therapy of Bacterial Infection. <i>Advanced Functional Materials</i> , 2020, 30, 1909042.	7.8	136
2	Carboxyl-Functionalized Covalent Organic Frameworks for the Adsorption and Removal of Triphenylmethane Dyes. <i>ACS Applied Nano Materials</i> , 2019, 2, 7290-7298.	2.4	97
3	<i>In situ</i> 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.	5.2	94
4	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.	7.2	68
5	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.	2.9	66
6	Thiol-Ene Click Synthesis of Phenylboronic Acid-Functionalized Covalent Organic Framework for Selective Catechol Removal from Aqueous Medium. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 46219-46225.	4.0	46
7	A near-infrared multifunctional fluorescent probe with an inherent tumor-targeting property for bioimaging. <i>Chemical Communications</i> , 2015, 51, 11721-11724.	2.2	44
8	Dendrimer grafted persistent luminescent nanoplatfor for aptamer guided tumor imaging and acid-responsive drug delivery. <i>Talanta</i> , 2020, 219, 121209.	2.9	44
9	Autofluorescence-free chemo/biosensing in complex matrixes based on persistent luminescence nanoparticles. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 65-72.	5.8	42
10	p-Bromophenol-Enhanced Bioluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B <sub>1</sub> . <i>Analytical Chemistry</i> , 2019, 91, 13191-13197.	3.2	41
11	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.	3.2	39
12	Functionalized Persistent Luminescence Nanoparticle-Based Aptasensor for Autofluorescence-free Determination of Kanamycin in Food Samples. <i>Analytical Chemistry</i> , 2021, 93, 2589-2595.	3.2	33
13	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 &amp; Interfaces</i> , 2021, 13, 27895-27903.	4.0	32
14	Cell-Penetrating Peptide-Functionalized Persistent Luminescence Nanoparticles for Tracking J774A.1 Macrophages Homing to Inflamed Tissues. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19894-19901.	4.0	30
15	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.	2.9	30
16	A pH reversibly activatable NIR photothermal/photodynamic-in-one agent integrated with renewable nanoimplants for image-guided precision phototherapy. <i>Chemical Science</i> , 2021, 12, 442-452.	3.7	30
17	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.	2.9	29
18	Effect of Topology on Photodynamic Sterilization of Porphyrinic Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2021, 27, 10151-10159.	1.7	29

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19	Ratiometric Luminescence Aptasensor Based on Dual-Emissive Persistent Luminescent Nanoparticles for Autofluorescence- and Exogenous Interference-Free Determination of Trace Aflatoxin B1 in Food Samples. <i>Analytical Chemistry</i> , 2022, 94, 6387-6393.	3.2	29
20	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.	1.4	28
21	A pH-Responsive Persistent Luminescence Nanozyme for Selective Imaging and Killing of <i>Helicobacter pylori</i> and Common Resistant Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 60955-60965.	4.0	28
22	pH Reversibly Switchable Nanocapsule for Bacteria-Targeting Near-Infrared Fluorescence Imaging-Guided Precision Photodynamic Sterilization. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45850-45858.	4.0	25
23	Persistent luminescence nanorod based luminescence resonance energy transfer aptasensor for autofluorescence-free detection of mycotoxin. <i>Talanta</i> , 2020, 218, 121101.	2.9	22
24	A dual-colored persistent luminescence nanosensor for simultaneous and autofluorescence-free determination of aflatoxin B1 and zearalenone. <i>Talanta</i> , 2021, 232, 122395.	2.9	22
25	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.	2.2	21
26	Responsive nanoplatform for persistent luminescence "turn-on" imaging and "on-demand" synergistic therapy of bacterial infection. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 687-697.	5.0	21
27	Persistent Production of Reactive Oxygen Species with Zn <sub>2</sub> GeO <sub>4</sub> :Cu Nanorod-Loaded Microneedles for Methicillin-Resistant <i>Staphylococcus Aureus</i> Infectious Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17142-17152.	4.0	19
28	A Sensitive Colorimetric and Ratiometric Chemosensor for Trivalent Metal Cations. <i>Journal of Fluorescence</i> , 2015, 25, 327-333.	1.3	15
29	pH-Responsive Torpedo-Like Persistent Luminescence Nanoparticles for Autofluorescence-Free Biosensing and High-Level Information Encryption. <i>Angewandte Chemie</i> , 2021, 133, 2428-2435.	1.6	14
30	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.	3.2	13
31	Vancomycin-Functionalized Porphyrinic Metal-Organic Framework PCN-224 with Enhanced Antibacterial Activity against <i>Staphylococcus Aureus</i> . <i>Chemistry - an Asian Journal</i> , 2021, 16, 2022-2026.	1.7	12
32	Bacterial microenvironment-responsive dual-channel smart imaging-guided on-demand self-regulated photodynamic/chemodynamic synergistic sterilization and wound healing. <i>Biomaterials Science</i> , 2022, 10, 2907-2916.	2.6	11
33	A novel near-infrared colorimetric probe for fluoride anions based on a heptamethine dye. <i>Analytical Methods</i> , 2016, 8, 6452-6457.	1.3	8
34	Fabrication of G-quadruplex/porphyrin conjugated gold/persistent luminescence theranostic nanoprobe for imaging-guided photodynamic therapy. <i>Talanta</i> , 2021, 233, 122567.	2.9	8
35	Cationic Surfactant-Modified Covalent Organic Frameworks for Nitrate Removal from Aqueous Solution: Synthesis by Free Radical Polymerization. <i>ChemPlusChem</i> , 2020, 85, 828-831.	1.3	6
36	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.	1.5	4

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37	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.	1.4	2
38	A unique self-reporting photosensitizer enabling simultaneous photodynamic therapy and real-time monitoring of phototheranostic process in a dynamic dual-color mode. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9900-9907.	2.9	1