

# Xu Zhao

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1437491/xu-zhao-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A novel water-soluble phthalocyanine-based organic molecule for the effective NIR triggered dual phototherapy of cancer. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 6353-6359	3.6	0
33	Responsive nanoplatform for persistent luminescence "turn-on" imaging and "on-demand" synergistic therapy of bacterial infection. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 610, 687-687	9.3	5
32	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> , <b>2021</b> , 225, 122046	6.2	7
31	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> , <b>2021</b> , 93, 7348-7354	7.8	2
30	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> , <b>2021</b> , 13, 27895-27903	9.5	10
29	Vancomycin-Functionalized Porphyrinic Metal-Organic Framework PCN-224 with Enhanced Antibacterial Activity against Staphylococcus Aureus. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 2022-2026	4.5	1
28	Effect of Topology on Photodynamic Sterilization of Porphyrinic Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10151-10159	4.8	7
27	pH-Responsive Torpedo-Like Persistent Luminescence Nanoparticles for Autofluorescence-Free Biosensing and High-Level Information Encryption. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2428-2435	3.6	13
26	pH-Responsive Torpedo-Like Persistent Luminescence Nanoparticles for Autofluorescence-Free Biosensing and High-Level Information Encryption. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2398-2405	16.4	23
25	Functionalized Persistent Luminescence Nanoparticle-Based Aptasensor for Autofluorescence-free Determination of Kanamycin in Food Samples. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2589-2595	7.8	10
24	A dual-colored persistent luminescence nanosensor for simultaneous and autofluorescence-free determination of aflatoxin B and zearalenone. <i>Talanta</i> , <b>2021</b> , 232, 122395	6.2	2
23	Fabrication of G-quadruplex/porphyrin conjugated gold/persistent luminescence theranostic nanoprobe for imaging-guided photodynamic therapy. <i>Talanta</i> , <b>2021</b> , 233, 122567	6.2	2
22	A pH-Responsive Persistent Luminescence Nanozyme for Selective Imaging and Killing of and Common Resistant Bacteria.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 60955-60965	9.5	5
21	Persistent luminescence nanorod based luminescence resonance energy transfer aptasensor for autofluorescence-free detection of mycotoxin. <i>Talanta</i> , <b>2020</b> , 218, 121101	6.2	11
20	Dendrimer grafted persistent luminescent nanoplatform for aptamer guided tumor imaging and acid-responsive drug delivery. <i>Talanta</i> , <b>2020</b> , 219, 121209	6.2	23
19	pH Switchable Nanoplatform for In Vivo Persistent Luminescence Imaging and Precise Photothermal Therapy of Bacterial Infection. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1909042	15.6	65
18	6-Triphenylphosphinehexanoic Acid Conjugated Near-Infrared Persistent Luminescence Nanoprobe for Autofluorescence-Free Targeted Imaging of Mitochondria in Cancer Cells. <i>ChemNanoMat</i> , <b>2020</b> , 6, 427-434	3.5	2

17	pH-Driven Targeting Nanoprobe with Dual-Responsive Drug Release for Persistent Luminescence Imaging and Chemotherapy of Tumor. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1179-1188	7.8	21
16	pH Reversibly Switchable Nanocapsule for Bacteria-Targeting Near-Infrared Fluorescence Imaging-Guided Precision Photodynamic Sterilization. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 45850-45858	9.5	8
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> , <b>2020</b> , 8, 8071-8083	7.3	20
14	Cationic Surfactant-Modified Covalent Organic Frameworks for Nitrate Removal from Aqueous Solution: Synthesis by Free-Radical Polymerization. <i>ChemPlusChem</i> , <b>2020</b> , 85, 828-831	2.8	4
13	A pH reversibly activatable NIR photothermal/photodynamic-in-one agent integrated with renewable nanoimplants for image-guided precision phototherapy. <i>Chemical Science</i> , <b>2020</b> , 12, 442-452	9.4	12
12	-Bromophenol-Enhanced Bioluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13191-13197	7.8	25
11	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> , <b>2019</b> , 204, 224-228	6.2	40
10	Autofluorescence-free chemo/biosensing in complex matrixes based on persistent luminescence nanoparticles. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 118, 65-72	14.6	24
9	Cell-Penetrating Peptide-Functionalized Persistent Luminescence Nanoparticles for Tracking J774A.1 Macrophages Homing to Inflamed Tissues. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 19894-19901	9.5	15
8	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> , <b>2019</b> , 7, 13249-13255	13	56
7	A multifunctional persistent luminescent nanoprobe for imaging guided dual-stimulus responsive and triple-synergistic therapy of drug resistant tumor cells. <i>Chemical Communications</i> , <b>2019</b> , 55, 5283-5286	5.8	15
6	Carboxyl-Functionalized Covalent Organic Frameworks for the Adsorption and Removal of Triphenylmethane Dyes. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 7290-7298	5.6	39
5	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> , <b>2019</b> , 11, 46219-46225	9.5	23
4	A novel near-infrared colorimetric probe for fluoride anions based on a heptamethine dye. <i>Analytical Methods</i> , <b>2016</b> , 8, 6452-6457	3.2	7
3	A sensitive colorimetric and ratiometric chemosensor for trivalent metal cations. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 327-333	2.4	11
2	A near-infrared multifunctional fluorescent probe with an inherent tumor-targeting property for bioimaging. <i>Chemical Communications</i> , <b>2015</b> , 51, 11721-4	5.8	37
1	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> , <b>2014</b> , 38, 4791-4798	3.6	21