

Chunchang Zhao

List of Publications by Year in Descending Order

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

41
papers

2,095
citations

22
h-index

42
g-index

42
ext. papers

2,486
ext. citations

7.8
avg, IF

4.87
L-index

#	Paper	IF	Citations
41	A water-soluble fluorescent probe for real-time visualization of Eglutamyl transpeptidase activity in living cells.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022 , 68, 128762	2.9	
40	Real-Time Monitoring Renal Impairment Due to Drug-Induced AKI and Diabetes-Caused CKD Using an NAG-Activatable NIR-II Nanoprobe. <i>Analytical Chemistry</i> , 2021 , 93, 16158-16165	7.8	5
39	Probing the Intracellular Dynamics of Nitric Oxide and Hydrogen Sulfide Using an Activatable NIR II Fluorescence Reporter. <i>Angewandte Chemie</i> , 2021 , 133, 8531-8535	3.6	4
38	Probing the Intracellular Dynamics of Nitric Oxide and Hydrogen Sulfide Using an Activatable NIR II Fluorescence Reporter. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8450-8454	16.4	21
37	Precise imaging of mitochondria in cancer cells by real-time monitoring of nitroreductase activity with a targetable and activatable fluorescent probe. <i>Chemical Communications</i> , 2020 , 56, 7761-7764	5.8	15
36	Rational design of water-dispersible and biocompatible nanoprobe with HS-triggered NIR emission for cancer cell imaging. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6013-6016	7.3	3
35	Hydrogen Sulfide-Specific and NIR-Light-Controllable Synergistic Activation of Fluorescent Theranostic Prodrugs for Imaging-Guided Chemo-Photothermal Cancer Therapy. <i>CCS Chemistry</i> , 2020 , 2, 527-538	7.2	13
34	Tumor microenvironment-activated nanosystems with selenophenol substituted BODIPYs as photosensitizers for photodynamic therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 126854	2.9	4
33	An electron-deficiency-based framework for NIR-II fluorescence probes. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9877-9880	7.3	5
32	Near-infrared squaric acid derivative nanoparticles as a versatile platform for photothermal tumor cells ablation and photoacoustic imaging. <i>Dyes and Pigments</i> , 2020 , 182, 108670	4.6	1
31	Aggregation Enhanced Responsiveness of Rationally Designed Probes to Hydrogen Sulfide for Targeted Cancer Imaging. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15084-15090	16.4	44
30	Theranostic Nanoplatfom with Hydrogen Sulfide Activatable NIR Responsiveness for Imaging-Guided On-Demand Drug Release. <i>Angewandte Chemie</i> , 2019 , 131, 16982-16986	3.6	9
29	Activatable near-infrared emission-guided on-demand administration of photodynamic anticancer therapy with a theranostic nanoprobe. <i>Chemical Science</i> , 2019 , 10, 2785-2790	9.4	53
28	A molecular design strategy toward enzyme-activated probes with near-infrared I and II fluorescence for targeted cancer imaging. <i>Chemical Science</i> , 2019 , 10, 7222-7227	9.4	65
27	Enhanced EGlutamyltranspeptidase Imaging That Unravels the Glioma Recurrence in Post-radio/Chemotherapy Mixtures for Precise Pathology via Enzyme-Triggered Fluorescent Probe. <i>Frontiers in Neuroscience</i> , 2019 , 13, 557	5.1	6
26	Theranostic Nanoplatfom with Hydrogen Sulfide Activatable NIR Responsiveness for Imaging-Guided On-Demand Drug Release. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16826-16830	16.4	73
25	A Fster Resonance Energy Transfer Switchable Fluorescent Probe With HS-Activated Second Near-Infrared Emission for Bioimaging. <i>Frontiers in Chemistry</i> , 2019 , 7, 778	5	10

24	Imaging of Colorectal Cancers Using Activatable Nanoprobes with Second Near-Infrared Window Emission. <i>Angewandte Chemie</i> , 2018 , 130, 3688-3692	3.6	44
23	Imaging of Colorectal Cancers Using Activatable Nanoprobes with Second Near-Infrared Window Emission. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3626-3630	16.4	192
22	Highly Sensitive Ratiometric Self-Assembled Micellar Nanoprobe for Nitroxyl and Its Application In Vivo. <i>Analytical Chemistry</i> , 2018 , 90, 3914-3919	7.8	35
21	Realizing highly chemoselective detection of HS in vitro and in vivo with fluorescent probes inside core-shell silica nanoparticles. <i>Biomaterials</i> , 2018 , 159, 82-90	15.6	55
20	Visualizing glioma margins by real-time tracking of β glutamyltranspeptidase activity. <i>Biomaterials</i> , 2018 , 173, 1-10	15.6	32
19	Design of BODIPY-based near-infrared fluorescent probes for H ₂ S. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 355, 305-310	4.7	10
18	Selective tracking of ovarian-cancer-specific β glutamyltranspeptidase using a ratiometric two-photon fluorescent probe. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 7439-7443	7.3	13
17	Hydrogen Sulfide-Activatable Second Near-Infrared Fluorescent Nanoassemblies for Targeted Photothermal Cancer Therapy. <i>Nano Letters</i> , 2018 , 18, 6411-6416	11.5	115
16	Near-infrared fluorescent dyes with large Stokes shifts: light generation in BODIPYs undergoing excited state intramolecular proton transfer. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4072-4076	3.9	12
15	Photoacoustic probes for real-time tracking of endogenous HS in living mice. <i>Chemical Science</i> , 2017 , 8, 2150-2155	9.4	91
14	Fine Regulation of Porous Architectures of Core-Shell Silica Nanocomposites Offers Robust Nanoprobes with Accelerated Responsiveness. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 35588-35596	9.5	14
13	A Ratiometric Fluorescent Probe for Monitoring Leucine Aminopeptidase in Living Cells and Zebrafish Model. <i>Analytical Chemistry</i> , 2017 , 89, 11576-11582	7.8	64
12	Enzyme-Triggered Fluorescence Turn-on: A Probe for Specifically Imaging Ovarian-Cancer-Related β Glutamyltranspeptidase. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 1711-1716	4.9	8
11	Transforming the recognition site of 4-hydroxyaniline into 4-methoxyaniline grafted onto a BODIPY core switches the selective detection of peroxyxynitrite to hypochlorous acid. <i>Chemical Communications</i> , 2016 , 52, 2075-8	5.8	59
10	A fluorescent turn-on probe for visualizing lysosomes in hypoxic tumor cells. <i>Analyst, The</i> , 2016 , 141, 2879-82	5	27
9	A dual-response BODIPY-based fluorescent probe for the discrimination of glutathione from cystein and homocystein. <i>Chemical Science</i> , 2015 , 6, 2584-2589	9.4	237
8	Förster Resonance Energy Transfer Switchable Self-Assembled Micellar Nanoprobe: Ratiometric Fluorescent Trapping of Endogenous H ₂ S Generation via Fluvastatin-Stimulated Upregulation. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8490-8	16.4	236
7	Fluorescent In Situ Targeting Probes for Rapid Imaging of Ovarian-Cancer-Specific β Glutamyltranspeptidase. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7349-53	16.4	155

6	Fluorescent In Situ Targeting Probes for Rapid Imaging of Ovarian-Cancer-Specific EGlutamyltranspeptidase. <i>Angewandte Chemie</i> , 2015 , 127, 7457-7461	3.6	23
5	Development of a small molecule probe capable of discriminating cysteine, homocysteine, and glutathione with three distinct turn-on fluorescent outputs. <i>Chemistry - A European Journal</i> , 2014 , 20, 11471-8	4.8	120
4	Target-triggered NIR emission with a large stokes shift for the detection and imaging of cysteine in living cells. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1777-81	4.5	54
3	Pyridone fused boron-dipyrromethenes: synthesis and properties. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 372-7	3.9	18
2	A colorimetric and ratiometric NIR fluorescent turn-on fluoride chemodosimeter based on BODIPY derivatives: high selectivity via specific Si-D cleavage. <i>RSC Advances</i> , 2012 , 2, 418-420	3.7	55
1	Development of an indole-based boron-dipyrromethene fluorescent probe for benzenethiols. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 642-7	3.4	95