

Chunchang Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8594933/publications.pdf>

Version: 2024-02-01

41
papers

2,787
citations

270111

25
h-index

312153

41
g-index

42
all docs

42
docs citations

42
times ranked

2829
citing authors

#	ARTICLE	IF	CITATIONS
1	A water-soluble fluorescent probe for real-time visualization of $\hat{\Gamma}^3$ -glutamyl transpeptidase activity in living cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 68, 128762.	1.0	6
2	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.	1.6	9
3	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.	7.2	63
4	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.	3.2	16
5	Tumor microenvironment-activated nanosystems with selenophenol substituted BODIPYs as photosensitizers for photodynamic therapy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126854.	1.0	5
6	An electron-deficiency-based framework for NIR-II fluorescence probes. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9877-9880.	2.9	13
7	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.	2.0	3
8	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.	6.6	107
9	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.	2.2	29
10	Rational design of water-dispersible and biocompatible nanoprobe with H ₂ S-triggered NIR emission for cancer cell imaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6013-6016.	2.9	5
11	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.	4.6	27
12	Enhanced $\hat{\Gamma}^3$ -Glutamyltranspeptidase 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.	1.4	9
13	Theranostic Nanoplatform with Hydrogen Sulfide Activatable NIR Responsiveness for Imaging-Guided On-Demand Drug Release. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16826-16830.	7.2	119
14	Theranostic Nanoplatform with Hydrogen Sulfide Activatable NIR Responsiveness for Imaging-Guided On-Demand Drug Release. <i>Angewandte Chemie</i> , 2019, 131, 16982-16986.	1.6	18
15	Activatable near-infrared emission-guided on-demand administration of photodynamic anticancer therapy with a theranostic nanoprobe. <i>Chemical Science</i> , 2019, 10, 2785-2790.	3.7	75
16	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.	3.7	123
17	A Förster Resonance Energy Transfer Switchable Fluorescent Probe With H ₂ S-Activated Second Near-Infrared Emission for Bioimaging. <i>Frontiers in Chemistry</i> , 2019, 7, 778.	1.8	18
18	Imaging of Colorectal Cancers Using Activatable Nanoprobes with Second Near-Infrared Window Emission. <i>Angewandte Chemie</i> , 2018, 130, 3688-3692.	1.6	55

#	ARTICLE	IF	CITATIONS
19	Imaging of Colorectal Cancers Using Activatable Nanoprobes with Second Near-Infrared Window Emission. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3626-3630.	7.2	259
20	Highly Sensitive Ratiometric Self-Assembled Micellar Nanoprobe for Nitroxyl and Its Application In Vivo. <i>Analytical Chemistry</i> , 2018, 90, 3914-3919.	3.2	40
21	Realizing highly chemoselective detection of H ₂ S in vitro and in vivo with fluorescent probes inside core-shell silica nanoparticles. <i>Biomaterials</i> , 2018, 159, 82-90.	5.7	74
22	Visualizing glioma margins by real-time tracking of β -glutamyltranspeptidase activity. <i>Biomaterials</i> , 2018, 173, 1-10.	5.7	50
23	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.	2.0	16
24	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.	2.9	24
25	Hydrogen Sulfide-Activatable Second Near-Infrared Fluorescent Nanoassemblies for Targeted Photothermal Cancer Therapy. <i>Nano Letters</i> , 2018, 18, 6411-6416.	4.5	164
26	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.	1.5	14
27	Photoacoustic probes for real-time tracking of endogenous H ₂ S in living mice. <i>Chemical Science</i> , 2017, 8, 2150-2155.	3.7	118
28	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.	4.0	16
29	A Ratiometric Fluorescent Probe for Monitoring Leucine Aminopeptidase in Living Cells and Zebrafish Model. <i>Analytical Chemistry</i> , 2017, 89, 11576-11582.	3.2	86
30	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.	2.6	12
31	A fluorescent turn-on probe for visualizing lysosomes in hypoxic tumor cells. <i>Analyst</i> , 2016, 141, 2879-2882.	1.7	31
32	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, 2075-2078.	2.2	66
33	Fluorescent In Situ Targeting Probes for Rapid Imaging of Ovarian-Cancer-Specific β -Glutamyltranspeptidase. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7349-7353.	7.2	187
34	A dual-response BODIPY-based fluorescent probe for the discrimination of glutathione from cysteine and homocysteine. <i>Chemical Science</i> , 2015, 6, 2584-2589.	3.7	263
35	First 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, 8490-8498.	6.6	268
36	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, 11471-11478.	1.7	131

#	ARTICLE	IF	CITATIONS
37	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, 1777-1781.	1.7	56
38	Pyridone fused boron-dipyrromethenes: synthesis and properties. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 372-377.	1.5	23
39	A colorimetric and ratiometric NIR fluorescent turn-on fluoride chemodosimeter based on BODIPY derivatives: high selectivity via specific Si-O cleavage. <i>RSC Advances</i> , 2012, 2, 418-420.	1.7	59
40	Development of an Indole-Based Boron-Dipyrromethene Fluorescent Probe for Benzenethiols. <i>Journal of Physical Chemistry B</i> , 2011, 115, 642-647.	1.2	99
41	Activatable photothermal agents with target-initiated large spectral separation for highly effective reduction of side effects. <i>Chemical Science</i> , 0, , .	3.7	3