

Zhiming Gou

List of Publications by Year in descending order

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29
papers

447
citations

687363

13
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all docs

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docs citations

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times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot-Band Absorption of a Cationic RNA Probe Enables Visualization of H^+ via the Controllable Anti-Stokes Shift Emission. <i>Analytical Chemistry</i> , 2022, 94, 960-967.	6.5	5
2	Pyrene-based monomer-excimer dual response organosilicon polymer for the selective detection of 2,4,6-trinitrotoluene (TNT) and 2,4,6-trinitrophenol (TNP). <i>Materials Chemistry Frontiers</i> , 2022, 6, 607-612.	5.9	14
3	Carbazole-siloxane based polymers for the selective detection of 4-nitrophenol and Fe^{3+} . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 430, 113961.	3.9	3
4	A fluorescent probe based on POSS for facilitating the visualization of HClO and NO in living cells and zebrafish. <i>Analytical Methods</i> , 2022, 14, 2035-2042.	2.7	1
5	Thiethylated naphthalimide functional silica nanomaterials: A fluorescent nanosensor for detection of HClO in living cells. <i>Dyes and Pigments</i> , 2021, 185, 108936.	3.7	8
6	A POSS-assisted fluorescent probe for the rapid detection of HClO in mitochondria with a large emission wavelength in dual channels. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6836-6843.	5.8	6
7	Construction of polysiloxane-based fluorescent probe for visualizing pH down-regulation. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2392-2397.	5.5	6
8	Pyrene-based polymer fluorescent materials for the detection of 2,4,6-trinitrophenol and cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 410, 113183.	3.9	8
9	Thioureas Bridged Polysiloxanes for Ultrafast Detection of Cr^{6+} and Applications. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100080.	2.2	1
10	Triphenylamine-based silsesquioxane derivatives for multiple anion recognition via anion effect and solvent effect. <i>Sensors and Actuators B: Chemical</i> , 2021, 338, 129837.	7.8	10
11	Understanding the significant role of Si O Si bonds: Organosilicon materials as powerful platforms for bioimaging. <i>Coordination Chemistry Reviews</i> , 2021, 447, 214166.	18.8	33
12	New Hyperbranched Polysiloxanes Made by Thiol-ene Click Reaction: Lanthanide Complexation and Applications in Bioimaging. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100258.	2.2	2
13	The diversity of the coordination bond generated a POSS-based fluorescent probe for the reversible detection of Cu^{2+} , Fe^{3+} and amino acids. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9744-9753.	5.8	2
14	A novel polythioether-based rhodamine B fluorescent probe via successive click reaction and its application in iron ion detection and cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117679.	3.9	20
15	Step-wise functionalization of polysiloxane towards a versatile dual-response fluorescent probe and elastomer for the detection of H_2S in two-photon and NO in near-infrared modes. <i>Chemical Communications</i> , 2020, 56, 1121-1124.	4.1	31
16	Robust Organoalkoxysilanes as Red Unconventional Fluorescent Platform. <i>Advanced Functional Materials</i> , 2020, 30, 1910536.	14.9	12
17	Synthesis of Silane-Based Poly(thioether) via Successive Click Reaction and Their Applications in Ion Detection and Cell Imaging. <i>Polymers</i> , 2019, 11, 1235.	4.5	6
18	Pyrenyl-Functionalized Polysiloxane Based on Synergistic Effect for Highly Selective and Highly Sensitive Detection of 4-Nitrotoluene. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30218-30227.	8.0	27

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19	Novel fluorescent probe with a bridged Si-O-Si bond for the reversible detection of hypochlorous acid and biothiol amino acids in live cells and zebrafish. <i>Analyst</i> , The, 2019, 144, 5075-5080.	3.5	20
20	AIE-active polysiloxane-based fluorescent probe for identifying cancer cells by locating lipid drops. <i>Analytica Chimica Acta</i> , 2019, 1091, 88-94.	5.4	34
21	Novel fluorene-based fluorescent probe with excellent stability for selective detection of SCN ⁻ and its applications in paper-based sensing and bioimaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4649-4654.	5.8	18
22	Novel polysiloxane-based rhodamine B fluorescent probe for selectively detection of Al ³⁺ and its application in living-cell and zebrafish imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 216, 207-213.	3.9	20
23	Facile construction of imidazole functionalized polysiloxanes by thiol-ene "Click" reaction for the consecutive detection of Fe ³⁺ and amino acids. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 235-242.	7.8	21
24	Binding Reaction Sites to Polysiloxanes: Unique Fluorescent Probe for Reversible Detection of ClO ⁻ /GSH Pair and the in Situ Imaging in Live Cells and Zebrafish. <i>Analytical Chemistry</i> , 2019, 91, 1719-1723.	6.5	46
25	Thermally Responsive Materials for Bioimaging. <i>Chemistry - an Asian Journal</i> , 2019, 14, 67-75.	3.3	11
26	Two-photon fluorescent polysiloxane-based films with thermally responsive self switching properties achieved by a unique reversible spirocyclization mechanism. <i>Chemical Science</i> , 2018, 9, 2774-2781.	7.4	21
27	Polysiloxane-based two-photon fluorescent elastomers with superior mechanical and self-healing properties and their application in bioimaging. <i>New Journal of Chemistry</i> , 2018, 42, 14281-14289.	2.8	17
28	Siloxane-Based Nanoporous Polymers with Narrow Pore-size Distribution for Cell Imaging and Explosive Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28979-28991.	8.0	39
29	Multistimuli-responsive fluorescent probes based on spiropyrans for the visualization of lysosomal autophagy and anticounterfeiting. <i>Journal of Materials Chemistry B</i> , 0, .	5.8	5