

Zuokai Wang

List of Publications by Year in descending order

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27
papers

1,420
citations

304743

22
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1005
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Specific and Ultrasensitive Two-Photon Fluorescence Imaging of Native HOCl in Lysosomes and Tissues Based on Thiocarbamate Derivatives. <i>Analytical Chemistry</i> , 2016, 88, 12532-12538.	6.5	190
2	A highly specific and ultrasensitive near-infrared fluorescent probe for imaging basal hypochlorite in the mitochondria of living cells. <i>Biosensors and Bioelectronics</i> , 2018, 107, 218-223.	10.1	143
3	Rational Design of a Hepatoma-Specific Fluorescent Probe for HOCl and Its Bioimaging Applications in Living HepG2 Cells. <i>Analytical Chemistry</i> , 2019, 91, 2163-2168.	6.5	107
4	A highly specific far-red fluorescent probe for imaging endogenous peroxynitrite in the mitochondria of living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 436-441.	7.8	91
5	A highly selective and ultrasensitive ratiometric far-red fluorescent probe for imaging endogenous peroxynitrite in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 797-802.	7.8	87
6	A highly specific and ultrasensitive fluorescent probe for basal lysosomal HOCl detection based on chlorination induced by chlorinium ions (Cl^+). <i>Journal of Materials Chemistry B</i> , 2017, 5, 3377-3382.	5.8	73
7	A simple highly selective and sensitive hydroquinone-based two-photon fluorescent probe for imaging peroxynitrite in live cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 380-385.	7.8	71
8	A fast-response, highly specific fluorescent probe for the detection of picomolar hypochlorous acid and its bioimaging applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 103-108.	7.8	63
9	A novel visual and far-red fluorescent dual-channel probe for the rapid and sensitive detection of hypochlorite in aqueous solution and living cells. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 1130-1136.	7.8	56
10	A highly specific and ultrasensitive two-photon fluorescent probe for imaging native hypochlorous acid in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 269, 1-7.	7.8	56
11	A highly selective and ultrasensitive ratiometric fluorescent probe for peroxynitrite and its two-photon bioimaging applications. <i>Analytica Chimica Acta</i> , 2019, 1049, 219-225.	5.4	43
12	A metal-free near-infrared fluorescent probe for tracking the glucose-induced fluctuations of carbon monoxide in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 329-336.	7.8	42
13	Highly Selective Fluorescent Probe for the Sensitive Detection of Inorganic and Organic Mercury Species Assisted by H_2O_2 . <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8056-8062.	3.7	41
14	A highly specific and ultrasensitive fluorescent probe for monitoring hypochlorous acid and its applications in live cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 589-596.	7.8	36
15	A highly specific and ultrasensitive p-aminophenylether-based fluorescent probe for imaging native HOCl in live cells and zebrafish. <i>Analytica Chimica Acta</i> , 2019, 1052, 131-136.	5.4	35
16	Dichlororesorufin-Based Colorimetric and Fluorescent Probe for Ultrasensitive Detection of Mercury Ions in Living Cells and Zebrafish. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 11-17.	3.7	34
17	A highly specific and sensitive ratiometric fluorescent probe for carbon monoxide and its bioimaging applications. <i>New Journal of Chemistry</i> , 2018, 42, 14417-14423.	2.8	32
18	A novel hepatoma-specific fluorescent probe for imaging endogenous peroxynitrite in live HepG2 cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 289, 124-130.	7.8	30

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19	A Colorimetric and Fluorescent Probe for the Detection of Cu ²⁺ in a Complete Aqueous Solution. <i>Analytical Sciences</i> , 2018, 34, 453-457.	1.6	29
20	A water-soluble and highly specific fluorescent probe with large Stokes shift for imaging basal HOCl in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 243-249.	7.8	27
21	Rational design of a highly efficient two-photon fluorescent probe for tracking intracellular basal hypochlorous acid and its applications in identifying tumor cells and tissues. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126731.	7.8	25
22	A mitochondria-targetable colorimetric and far-red fluorescent probe for the sensitive detection of carbon monoxide in living cells. <i>Analytical Methods</i> , 2019, 11, 288-295.	2.7	24
23	A highly selective ratiometric fluorescent probe for the sensitive detection of hypochlorous acid and its bioimaging applications. <i>RSC Advances</i> , 2016, 6, 64315-64322.	3.6	21
24	A long-wavelength ultrasensitive colorimetric fluorescent probe for carbon monoxide detection in living cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1851-1857.	2.9	21
25	A highly selective colorimetric and long-wavelength fluorescent probe for the detection of Hg ²⁺ . <i>Luminescence</i> , 2018, 33, 1122-1127.	2.9	19
26	A carbonothioate-based highly selective fluorescent probe with a large Stokes shift for detection of Hg ²⁺ . <i>Luminescence</i> , 2018, 33, 219-224.	2.9	14
27	A water-soluble and highly specific fluorescent probe for imaging thiophenols in living cells and zebrafish. <i>New Journal of Chemistry</i> , 2019, 43, 6746-6752.	2.8	10