

Peng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,259
citations

279798

23
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel turn-on type AIE fluorescent probe for highly selective detection of cysteine/homocysteine and its application in living cells. <i>Talanta</i> , 2022, 239, 123091.	5.5	20
2	A dicyanomethylene-4H-pyran-based fluorescence probe with high selectivity and sensitivity for detecting copper (II) and its bioimaging in living cells and tissue. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118819.	3.9	29
3	Small-molecule fluorescent probes for H ₂ S detection: Advances and perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116117.	11.4	71
4	A novel DCM-based NIR fluorescent probe for detecting ozone and its bioimaging in live cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119192.	3.9	8
5	Diversified strategies based on nanoscale metal-organic frameworks for cancer therapy: The leap from monofunctional to versatile. <i>Coordination Chemistry Reviews</i> , 2021, 431, 213676.	18.8	24
6	A practical synthesis of deuterated methylamine and dimethylamine. <i>Journal of Chemical Research</i> , 2021, 45, 265-268.	1.3	4
7	A dihydronaphthalene based fluorescence probe for sensitive detection of cysteine and its application in bioimaging. <i>New Journal of Chemistry</i> , 2020, 44, 973-980.	2.8	6
8	A FRET-based upconversion nanoprobe assembled with an electrochromic chromophore for sensitive detection of hydrogen sulfide <i>in vitro</i> and <i>in vivo</i> . <i>Nanoscale</i> , 2020, 12, 17517-17529.	5.6	13
9	The improved targeting of an aspirin prodrug albumin-based nanosystem for visualizing and inhibiting lung metastasis of breast cancer. <i>Biomaterials Science</i> , 2020, 8, 5941-5954.	5.4	8
10	Differentiating A β ²⁴⁰ and A β ²⁴² in amyloid plaques with a small molecule fluorescence probe. <i>Chemical Science</i> , 2020, 11, 5238-5245.	7.4	30
11	Ferrocene-labeled and purification-free electrochemical biosensor based on ligase chain reaction for ultrasensitive single nucleotide polymorphism detection. <i>Analytica Chimica Acta</i> , 2020, 1109, 9-18.	5.4	20
12	Homotypic targeting upconversion nano-reactor for cascade cancer starvation and deep-tissue phototherapy. <i>Biomaterials</i> , 2020, 235, 119765.	11.4	31
13	A novel highly selective fluorescent probe with new chalcone fluorophore for monitoring and imaging endogenous peroxynitrite in living cells and drug-damaged liver tissue. <i>Talanta</i> , 2020, 215, 120934.	5.5	19
14	A Ratiometric Fluorescent Probe for Imaging Hydrogen Peroxide in Living Cells. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 2888.	1.3	1
15	Novel Ratio-Based Fluorescent Probe for Intracellular Cys Detection. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 2502.	1.3	2
16	A Novel Theranostic Nanoprobe for In Vivo Singlet Oxygen Detection and Real-Time Dose-Effect Relationship Monitoring in Photodynamic Therapy. <i>Small</i> , 2019, 15, e1902185.	10.0	25
17	Ligase chain reaction-based electrochemical biosensor for the ultrasensitive and specific detection of single nucleotide polymorphisms. <i>New Journal of Chemistry</i> , 2019, 43, 14327-14335.	2.8	12
18	FRET-Based Upconversion Nanoprobe Sensitized by Nd ³⁺ for the Ratiometric Detection of Hydrogen Peroxide in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7441-7449.	8.0	52

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19	Recent Advances in Small Copper Sulfide Nanoparticles for Molecular Imaging and Tumor Therapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 3322-3332.	4.6	53
20	A selective fluorescent turn-on probe for imaging peroxynitrite in living cells and drug-damaged liver tissues. <i>Talanta</i> , 2019, 204, 431-437.	5.5	42
21	Chemiluminescence chitosan hydrogels based on the luminol analog L-012 for highly sensitive detection of ROS. <i>Talanta</i> , 2019, 201, 455-459.	5.5	19
22	An acetate-based NIR fluorescent probe for selectively imaging of hydrogen peroxide in living cells and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 127-132.	7.8	35
23	Cyanine-based NIR fluorescent probe for monitoring H ₂ S and imaging in living cells and in vivo. <i>Talanta</i> , 2018, 184, 109-114.	5.5	65
24	A fluorescent turn-on probe for nitroreductase imaging in living cells and tissues under hypoxia conditions. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 70-76.	7.8	31
25	Sensitive and specific detection of microRNAs based on two-stage amplification reaction using molecular beacons as turn-on probes. <i>Talanta</i> , 2018, 179, 685-692.	5.5	9
26	A reaction based one- and two-photon fluorescent probe for selective imaging H ₂ O ₂ in living cells and tissues. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 411-416.	7.8	45
27	A fluorescent turn-on probe for highly selective detection of cysteine and its bioimaging applications in living cells and tissues. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 312-317.	7.8	22
28	A novel one- and two-photon fluorescent probe induced by light for selective imaging of Cys in living cells and tissues. <i>Analytica Chimica Acta</i> , 2018, 1035, 161-167.	5.4	15
29	A highly sensitive fluorescent probe for fast recognition of DTT and its application in one- and two-photon imaging. <i>Talanta</i> , 2018, 187, 295-301.	5.5	14
30	Novel dual-site fluorescent probe for monitoring cysteine and sulfite in living cells. <i>RSC Advances</i> , 2018, 8, 21047-21053.	3.6	13
31	A novel DCM-NBD conjugate fluorescent probe for discrimination of Cys/Hcy from GSH and its bioimaging applications in living cells and animals. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 297-304.	7.8	68
32	A lysosome-targetable and two-photon fluorescent probe for imaging endogenous β -galactosidase in living ovarian cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 833-839.	7.8	53
33	Rational designed benzochalcone-based fluorescent probe for molecular imaging of hydrogen peroxide in live cells and tissues. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 257-264.	7.8	32
34	Novel NIR fluorescent probe with dual models for sensitively and selectively monitoring and imaging Cys in living cells and mice. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 400-406.	7.8	43
35	A dual-site fluorescent probe for direct and highly selective detection of cysteine and its application in living cells. <i>Biosensors and Bioelectronics</i> , 2017, 92, 583-588.	10.1	53
36	Sesquiterpenoids from the seeds of <i>Sarcandra glabra</i> and the potential anti-inflammatory effects. <i>F\ddot{A}-totera</i> , 2016, 111, 7-11.	2.2	19

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37	An Efficient Synthesis of Baricitinib. <i>Journal of Chemical Research</i> , 2016, 40, 205-208.	1.3	19
38	Rational design of a novel mitochondrial-targeted near-infrared fluorescent pH probe for imaging in living cells and in vivo. <i>RSC Advances</i> , 2016, 6, 95708-95714.	3.6	23
39	New palbociclib analogues modified at the terminal piperazine ring and their anticancer activities. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 546-556.	5.5	18
40	A Novel and Efficient Synthesis of Momelotinib. <i>Journal of Chemical Research</i> , 2016, 40, 511-513.	1.3	2
41	A highly selective fluorescent turn-on NIR probe for the bioimaging of hydrogen peroxide in vitro and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 174-179.	7.8	38
42	Practical and Efficient Large-Scale Preparation of 4-Methylnicotinic Acid. <i>Letters in Organic Chemistry</i> , 2016, 13, 450-452.	0.5	0
43	Synthesis and anticancer activities of ceritinib analogs modified in the terminal piperidine ring. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 1-8.	5.5	27
44	Sesquiterpene dimers esterified with diverse small organic acids from the seeds of <i>Sarcandra glabra</i> . <i>Tetrahedron</i> , 2015, 71, 5362-5370.	1.9	37
45	A novel colorimetric and near-infrared fluorescent probe for hydrogen peroxide imaging in vitro and in vivo. <i>RSC Advances</i> , 2015, 5, 85957-85963.	3.6	43
46	A novel NIR fluorescent probe for palladium detection based on Pd(0) mediated reaction. <i>Tetrahedron Letters</i> , 2015, 56, 6491-6494.	1.4	37
47	Iodine-catalyzed efficient amide formation from aldehydes and amines. <i>Tetrahedron Letters</i> , 2015, 56, 7120-7123.	1.4	9