

Qunlin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,364
citations

304743

22
h-index

345221

36
g-index

51
all docs

51
docs citations

51
times ranked

1953
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Fluorescent Probe for Selective Detection and Cell Imaging of Oxidative Stress Indicator Bisulfite. <i>Analytical Chemistry</i> , 2016, 88, 4426-4431.	6.5	176
2	Chemiluminescence of cerium(IV)-rhodamine 6G-phenolic compound system. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 238-245.	3.9	95
3	Palladacycle Based Fluorescence Turn-On Probe for Sensitive Detection of Carbon Monoxide. <i>ACS Sensors</i> , 2018, 3, 285-289.	7.8	87
4	Improved blood-brain barrier distribution: Effect of borneol on the brain pharmacokinetics of kaempferol in rats by in vivo microdialysis sampling. <i>Journal of Ethnopharmacology</i> , 2015, 162, 270-277.	4.1	72
5	Sensitive detection of sulfide based on the self-assembly of fluorescent silver nanoclusters on the surface of silica nanospheres. <i>Talanta</i> , 2017, 174, 387-393.	5.5	61
6	Network Pharmacology-Based Strategy to Investigate the Pharmacologic Mechanisms of <i>Atractylodes macrocephala</i> Koidz. for the Treatment of Chronic Gastritis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1629.	3.5	59
7	A ratiometric fluorescent probe based on the pi-stacked graphene oxide and cyanine dye for sensitive detection of bisulfite. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 823-829.	7.8	50
8	A gradient HPLC method for the quality control of chlorogenic acid, linarin and luteolin in <i>Flos Chrysanthemi Indici</i> suppository. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 753-757.	2.8	48
9	Sensitive determination of endogenous hydroxyl radical in live cell by a BODIPY based fluorescent probe. <i>Talanta</i> , 2017, 170, 314-321.	5.5	44
10	A near-infrared fluorescent probe for Cu ²⁺ in living cells based on coordination effect. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 36-42.	7.8	43
11	Sensitive determination of norepinephrine, epinephrine, dopamine and 5-hydroxytryptamine by coupling HPLC with [Ag(HIO ₆) ₂] ⁵⁻ -luminol chemiluminescence detection. <i>Biomedical Chromatography</i> , 2016, 30, 1458-1466.	1.7	42
12	Simultaneous determination of quercetin, kaempferol, and isorhamnetin in phytopharmaceuticals of <i>Hippophae rhamnoides</i> L. by high-performance liquid chromatography with chemiluminescence detection. <i>Journal of Separation Science</i> , 2005, 28, 1171-1178.	2.5	39
13	Sensitive determination of kaempferol in rat plasma by high-performance liquid chromatography with chemiluminescence detection and application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3595-3600.	2.3	38
14	A New Ratiometric Fluorescent Probe for Specific Monitoring of hROS under Physiological Conditions Using Boric Acid-Protected -DOPA Gold Nanoclusters. <i>Analytical Chemistry</i> , 2020, 92, 12825-12832.	6.5	38
15	Fingerprint analysis of Hawk-tea by high-performance liquid chromatography. <i>Food Chemistry</i> , 2011, 129, 551-556.	8.2	34
16	Chronic folate deficiency induces glucose and lipid metabolism disorders and subsequent cognitive dysfunction in mice. <i>PLoS ONE</i> , 2018, 13, e0202910.	2.5	34
17	Facile mitochondria localized fluorescent probe for viscosity detection in living cells. <i>Talanta</i> , 2021, 225, 121996.	5.5	30
18	Sensitive determination of phenolic compounds using high-performance liquid chromatography with cerium(IV)-rhodamine 6G-phenolic compound chemiluminescence detection. <i>Journal of Chromatography A</i> , 2005, 1095, 94-101.	3.7	29

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19	Mechanism insights into tunable photoluminescence of carbon dots by hydroxyl radicals. <i>Journal of Materials Science</i> , 2019, 54, 6140-6150.	3.7	28
20	Sensitive detection and imaging of endogenous peroxynitrite using a benzo[d]thiazole derived cyanine probe. <i>Talanta</i> , 2019, 196, 345-351.	5.5	27
21	<i>Achyranthis bidentatae</i> radix enhanced articular distribution and anti-inflammatory effect of berberine in Sanmiao Wan using an acute gouty arthritis rat model. <i>Journal of Ethnopharmacology</i> , 2018, 221, 100-108.	4.1	24
22	Fluorescent MUA-stabilized Au nanoclusters for sensitive and selective detection of penicillamine. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2629-2636.	3.7	24
23	Visual colorimetric "turn-off" biosensor for ascorbic acid detection based on hypochlorite ^{3,3',5,5'-Tetramethylbenzidine} system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 201, 61-66.	3.9	24
24	A New Ratiometric Design Strategy Based on Modulation of π -Conjugation Unit for Developing Fluorescent Probe and Imaging of Cellular Peroxynitrite. <i>Analytical Chemistry</i> , 2022, 94, 4763-4769.	6.5	20
25	Discrimination of cysteamine from mercapto amino acids through isoelectric point-mediated surface ligand exchange of β -cyclodextrin-modified gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4039-4045.	5.8	18
26	A novel near-infrared viscosity probe based on synergistic effect of AIE property and molecular rotors for mitophagy imaging during liver injury. <i>Analytica Chimica Acta</i> , 2021, 1187, 339146.	5.4	18
27	Flow injection-chemiluminescence determination of puerarin in pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 587-592.	2.8	17
28	A pH-Controlled Kit for Total and Direct Bilirubin Built on Mimetic Peroxidase CoFe ₂ O ₄ -DOPA-Catalyzed Fluorescence Enhancement. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42155-42164.	8.0	17
29	Folic Acid Promotes Wound Healing in Diabetic Mice by Suppression of Oxidative Stress. <i>Journal of Nutritional Science and Vitaminology</i> , 2018, 64, 26-33.	0.6	17
30	A benzooxazine-based ratiometric fluorescent probe for pH imaging in living cells and bacteria. <i>Sensors and Actuators B: Chemical</i> , 2021, 335, 129711.	7.8	17
31	Systems Pharmacology Study of the Anti-Liver Injury Mechanism of <i>Citri Reticulatae</i> Pericarpium. <i>Frontiers in Pharmacology</i> , 2021, 12, 618846.	3.5	15
32	Simultaneous quantification of catecholamines in rat brain by high-performance liquid chromatography with online gold nanoparticle-catalyzed luminol chemiluminescence detection. <i>Biomedical Chromatography</i> , 2015, 29, 148-155.	1.7	14
33	Determination and comparative analysis of 13 nucleosides and nucleobases in natural fruiting body of <i>Ophiocordyceps sinensis</i> and its substitutes. <i>Mycology</i> , 2017, 8, 318-326.	4.4	13
34	TianJiu therapy for \pm -naphthyl isothiocyanate-induced intrahepatic cholestasis in rats treated with fresh <i>Ranunculus sceleratus</i> L.. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112310.	4.1	10
35	Diuretic Effect and Metabolomics Analysis of Crude and Salt-Processed <i>Plantaginis Semen</i> . <i>Frontiers in Pharmacology</i> , 2020, 11, 563157.	3.5	6
36	Eucalyptal A inhibits glioma by rectifying oncogenic splicing of MYO1B mRNA via suppressing SRSF1 expression. <i>European Journal of Pharmacology</i> , 2021, 890, 173669.	3.5	6

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37	Determination of cardamonin using a chemiluminescent flow-injection method. <i>Phytochemical Analysis</i> , 2005, 16, 440-445.	2.4	5
38	Monolithic Column Prepared with UiO-66-2COOH MOF as Monomer for Enrichment and Purification of Ursolic Acid in Plants by Online Solid-Phase Extraction. <i>Chromatographia</i> , 2020, 83, 1121-1131.	1.8	5
39	On-site smart biomimetic mineralization of starch-templated CaP prenucleation clusters triggered by α -amylase. <i>Materials and Design</i> , 2021, 210, 110093.	7.0	5
40	Chemical Constituent Analysis of <i>Ranunculus sceleratus</i> L. Using Ultra-High-Performance Liquid Chromatography Coupled with Quadrupole-Orbitrap High-Resolution Mass Spectrometry. <i>Molecules</i> , 2022, 27, 3299.	3.8	4
41	Increased minimum alveolar concentration-awake of Sevoflurane in women of breast surgery with sleep disorders. <i>BMC Anesthesiology</i> , 2020, 20, 17.	1.8	3
42	Nine new dichapetalin-type triterpenoids from the twigs of <i>Dichapetalum gelonioides</i> (Roxb.) Engl.. <i>FÄ-toterapÄ-Äç</i> , 2021, 151, 104868.	2.2	3
43	Aging affects the biological activity of fibroblast growth factor (FGF) in gastric epithelial cell, which is partially rescued by uridine. <i>Bioengineered</i> , 2022, 13, 3724-3738.	3.2	3
44	Passive smoking at home increased the risk of gestational diabetes mellitus in China. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2019, 27, 733-741.	1.6	1
45	Hot Melt Extrusion-Triggered Amorphization as a Continuous Process for Inducing Extended Supersaturable Drug Immediate-Release from saSMSDs Systems. <i>Pharmaceutics</i> , 2022, 14, 765.	4.5	1