

Junhong Qian

List of Publications by Year in descending order

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37
papers

1,101
citations

430874

18
h-index

395702

33
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37
all docs

37
docs citations

37
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Preparation of Core-Shell Magnetic Metal-Organic Framework Nanoparticles for the Selective Capture of Phosphopeptides. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 16338-16347.	8.0	179
2	Colorimetric and ratiometric fluorescent detection of sulfite in water via cationic surfactant-promoted addition of sulfite to α,β -unsaturated ketone. <i>Analytica Chimica Acta</i> , 2013, 788, 165-170.	5.4	113
3	A ratiometric fluorescence probe for selective detection of sulfite and its application in realistic samples. <i>Talanta</i> , 2017, 162, 107-113.	5.5	71
4	Highly sensitive detection of cysteine over glutathione and homo-cysteine: New insight into the Michael addition of mercapto group to maleimide. <i>Biosensors and Bioelectronics</i> , 2017, 91, 553-559.	10.1	70
5	Micelle-induced multiple performance improvement of fluorescent probes for H ₂ S detection. <i>Analytica Chimica Acta</i> , 2013, 768, 136-142.	5.4	55
6	A coumarin-based fluorescent probe for differential identification of sulfide and sulfite in CTAB micelle solution. <i>Analyst</i> , The, 2014, 139, 3373.	3.5	47
7	A fluorescence turn-on probe for human (bovine) serum albumin based on the hydrolysis of a dioxaborine group promoted by proteins. <i>Chemical Communications</i> , 2017, 53, 6432-6435.	4.1	47
8	Rational design of biotinylated probes: fluorescent turn-on detection of (strept)avidin and bioimaging in cancer cells. <i>Chemical Communications</i> , 2014, 50, 8518.	4.1	39
9	Multi-channel colorimetric and fluorescent probes for differentiating between cysteine and glutathione/homocysteine. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8422-8427.	2.8	39
10	Fluorescent polarity probes for identifying bovine serum albumin: Amplification effect of para-substituted benzene. <i>Dyes and Pigments</i> , 2014, 103, 1-8.	3.7	38
11	Mitochondria-targeted ratiometric fluorescent probes for micropolarity and microviscosity and their applications. <i>Chinese Chemical Letters</i> , 2019, 30, 1071-1074.	9.0	37
12	Highly Selective Fluorescent Turn-On Probe for Protein Thiols in Biotin Receptor-Positive Cancer Cells. <i>Analytical Chemistry</i> , 2016, 88, 3400-3405.	6.5	35
13	Excited state proton transfer in the Cinchona alkaloid cupreidine. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12562.	2.8	34
14	A mitochondria-targeted near infrared ratiometric fluorescent probe for the detection of sulfite in aqueous and in living cells. <i>Talanta</i> , 2018, 189, 429-436.	5.5	33
15	Colorimetric and fluorescent determination of sulfide and sulfite with kinetic discrimination. <i>Analyst</i> , The, 2014, 139, 5290-5296.	3.5	32
16	BODIPY-based colorimetric/ratiometric fluorescence probes for sulfite in aqueous solution and in living cells. <i>RSC Advances</i> , 2015, 5, 91863-91868.	3.6	24
17	Colorimetric and fluorescent detection of GSH with the assistance of CTAB micelles. <i>RSC Advances</i> , 2015, 5, 59056-59061.	3.6	21
18	Fluorescent detection of biothiols with maleimide-based probes: Effect of the spacer on the selectivity. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127923.	7.8	21

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19	Naphthalimide-based fluorescent photoinduced electron transfer sensors for saccharides. RSC Advances, 2015, 5, 2837-2843.	3.6	19
20	Synthesis of 1,8-naphthalimide-based fluorescent nano-probes and their application in pH detection. Chinese Chemical Letters, 2018, 29, 1500-1502.	9.0	18
21	Discrimination between streptavidin and avidin with fluorescent affinity-based probes. Analyst, The, 2015, 140, 4648-4653.	3.5	13
22	A fluorescent probe for the discrimination between Cys and GSH. Analytical Methods, 2015, 7, 10371-10375.	2.7	13
23	Selective bioimaging of cancer cells and detection of HSA with indomethacin-based fluorescent probes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 241, 118685.	3.9	13
24	A β -D-galactose-guided fluorescent probe for selectively bioimaging endogenous formaldehyde in living HepG-2 cells. Sensors and Actuators B: Chemical, 2021, 332, 129494.	7.8	13
25	The hydrolysis of penicillin-G potassium salt in the O/W microemulsions with different charges. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 215, 253-262.	4.7	10
26	A Long-Wavelength Fluorescent Probe for Saccharides Based on Boronic Acid Receptor. Chinese Journal of Chemistry, 2013, 31, 1095-1101.	4.9	10
27	Hydrolysis of cephanone in the micelles with different charges. Colloid and Polymer Science, 2004, 282, 979-984.	2.1	9
28	The effects of anionic and cationic surfactants on the hydrolysis of sodium barbital. Journal of Surfactants and Detergents, 2005, 8, 253-256.	2.1	9
29	Spectroscopic Study of a Cinchona Alkaloid-Catalyzed Henry Reaction. ACS Omega, 2018, 3, 1871-1880.	3.5	9
30	Hydrotrope and hydrotrope-solubilization action of cephanone in CTAB/n-C ₅ H ₁₁ OH/H ₂ O system. Colloid and Polymer Science, 2004, 283, 15-23.	2.1	8
31	The release of cephanone in CTAB/n-C ₅ H ₁₁ OH/H ₂ O system. Colloid and Polymer Science, 2006, 284, 468-474.	2.1	6
32	Photophysics of perylene monoimide-labelled organocatalysts. Photochemical and Photobiological Sciences, 2019, 18, 524-533.	2.9	5
33	Effect of cefoperazone sodium on the physicochemical properties of surfactants. Journal of Surfactants and Detergents, 2005, 8, 241-246.	2.1	4
34	Logically Sensing Aggregate Process and Discriminating SDS from Other Surfactants with the Assistance of BSA. Chinese Journal of Chemistry, 2012, 30, 1283-1288.	4.9	4
35	Naphthalimide-based fluorescent nanoprobe for the detection of saccharides. New Journal of Chemistry, 2018, 42, 16428-16435.	2.8	3
36	The Inhibition of the Hydrolysis of Cephanone by CTAB/n-C ₅ H ₁₁ OH/H ₂ O Microemulsion. Journal of Dispersion Science and Technology, 2005, 25, 763-769.	2.4	0

#	ARTICLE	IF	CITATIONS
37	Indomethacin-induced spectral responses of naphthalimide-based dyes to serum albumin: effects of substituent and spacer. Analytical Sciences, 2022, , 1.	1.6	0