

Kangkang

List of Publications by Year in descending order

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34
papers

1,507
citations

361413

20
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

1812
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria-targeted colorimetric and fluorescent probes for hypochlorite and their applications for in vivo imaging. <i>Chemical Communications</i> , 2014, 50, 8640-8643.	4.1	152
2	A ratiometric fluorescent probe for in situ quantification of basal mitochondrial hypochlorite in cancer cells. <i>Chemical Communications</i> , 2015, 51, 6781-6784.	4.1	151
3	Mitochondria-targeted ratiometric fluorescent probe for real time monitoring of pH in living cells. <i>Biomaterials</i> , 2015, 53, 669-678.	11.4	142
4	Reaction-based fluorescent probes for SO ₂ derivatives and their biological applications. <i>Coordination Chemistry Reviews</i> , 2019, 388, 310-333.	18.8	126
5	A water-soluble and fast-response mitochondria-targeted fluorescent probe for colorimetric and ratiometric sensing of endogenously generated SO ₂ derivatives in living cells. <i>Chemical Communications</i> , 2016, 52, 3430-3433.	4.1	114
6	A highly selective water-soluble optical probe for endogenous peroxynitrite. <i>Chemical Communications</i> , 2014, 50, 9947.	4.1	82
7	An AIE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9962-9966.	13.8	80
8	A coumarin-based chromogenic and ratiometric probe for hydrazine. <i>Analytical Methods</i> , 2013, 5, 2653.	2.7	66
9	Coumarin-DPA-Cu as a chemosensing ensemble towards histidine determination in urine and serum. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 717-720.	2.8	56
10	Mitochondria-Immobilized Fluorescent Probe for the Detection of Hypochlorite in Living Cells, Tissues, and Zebrafishes. <i>Analytical Chemistry</i> , 2020, 92, 3262-3269.	6.5	51
11	Two birds with one stone: Multifunctional and highly selective fluorescent probe for distinguishing Zn ²⁺ from Cd ²⁺ and selective recognition of sulfide anion. <i>Talanta</i> , 2013, 116, 434-440.	5.5	45
12	Rhodamine based pH-sensitive intelligent polymers as lysosome targeting probes and their imaging applications in vivo. <i>Polymer Chemistry</i> , 2014, 5, 5804-5812.	3.9	41
13	A ratiometric fluorescent probe for monitoring pH fluctuations during autophagy in living cells. <i>Chemical Communications</i> , 2021, 57, 1510-1513.	4.1	37
14	Development of a mitochondria-targeted fluorescent probe for hydrazine monitoring in living cells. <i>RSC Advances</i> , 2016, 6, 111016-111019.	3.6	34
15	Novel triazole-based fluorescent probes for Pd ²⁺ in aqueous solutions: design, theoretical calculations and imaging. <i>Analyst</i> , 2013, 138, 6632.	3.5	32
16	Pyridine-Si-xanthene: A novel near-infrared fluorescent platform for biological imaging. <i>Chinese Chemical Letters</i> , 2019, 30, 1063-1066.	9.0	31
17	A novel coumarin-based water-soluble fluorescent probe for endogenously generated SO ₂ in living cells. <i>Science China Chemistry</i> , 2017, 60, 793-798.	8.2	30
18	Construction of pH-Sensitive Submarine-Based on Gold Nanoparticles with Double Insurance for Intracellular pH Mapping, Quantifying of Whole Cells and in Vivo Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22839-22848.	8.0	25

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19	Fluorescent Wittig reagent as a novel ratiometric probe for the quantification of 5-formyluracil and its application in cell imaging. <i>Chemical Communications</i> , 2018, 54, 13722-13725.	4.1	23
20	Coumarinâ€“TPA derivative: a reaction-based ratiometric fluorescent probe for Cu(I). <i>Tetrahedron Letters</i> , 2013, 54, 5771-5774.	1.4	22
21	Rhodamine-based lysosome-targeted fluorescence probes: high pH sensitivity and their imaging application in living cells. <i>RSC Advances</i> , 2014, 4, 33975-33980.	3.6	20
22	A novel near-infrared fluorescent sensor for zero background nitrite detection via the â€œcovalent-assemblyâ€“principle. <i>Food Chemistry</i> , 2021, 341, 128254.	8.2	19
23	Discovery of an Ultraâ€“rapid and Sensitive Lysosomal Fluorescence Lipophagy Process. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	19
24	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. <i>Scientific Reports</i> , 2015, 5, 15540.	3.3	16
25	Multifunctional gold nanoparticles as smart nanovehicles with enhanced tumour-targeting abilities for intracellular pH mapping and <i>in vivo</i> MR/fluorescence imaging. <i>Nanoscale</i> , 2020, 12, 2002-2010.	5.6	16
26	Plant-Inspired Multifunctional Fluorescent Hydrogel: A Highly Stretchable and Recoverable Self-Healing Platform with Water-Controlled Adhesiveness for Highly Effective Antibacterial Application and Data Encryptionâ€“Decryption. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57686-57694.	8.0	14
27	HClO/CLO ^{â€“} -Indicative Interpenetrating Polymer Network Hydrogels as Intelligent Bioactive Materials for Wound Healing. <i>ACS Applied Bio Materials</i> , 2020, 3, 37-44.	4.6	13
28	Multifunctional lipophilic purines: a coping strategy for anti-counterfeiting, lipid droplet imaging and latent fingerprint development. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6603-6610.	5.9	11
29	Combining Wittig Olefination with Photoassisted Domino Reaction To Distinguish 5-Formylcytosine from 5-Formyluracil. <i>Analytical Chemistry</i> , 2019, 91, 9366-9370.	6.5	10
30	Three-in-one: information encryption, anti-counterfeiting and LD-tracking of multifunctional purine derivatives. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2864-2872.	5.5	10
31	Aqueous Wittig reaction-mediated fast fluorogenic identification and single-base resolution analysis of 5-formylcytosine in DNA. <i>Chemical Communications</i> , 2020, 56, 12158-12161.	4.1	8
32	A mitochondriaâ€“nucleolus migration fluorescent probe for monitoring of mitochondrial membrane potential and identification of cell apoptosis. <i>Analytical Methods</i> , 2019, 11, 5750-5754.	2.7	7
33	An AIEâ€“Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie</i> , 2020, 132, 10048-10052.	2.0	2
34	Discovery of an Ultraâ€“rapid and Sensitive Lysosomal Fluorescence Lipophagy Process. <i>Angewandte Chemie</i> , 0, , .	2.0	2