

Yibin Zhang

List of Publications by Year in descending order

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papers

979
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430874

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1134
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#	ARTICLE	IF	CITATIONS
1	Detection of Amines with Fluorescent Nanotubes: Applications in the Assessment of Meat Spoilage. <i>ACS Sensors</i> , 2016, 1, 22-25.	7.8	117
2	Fabrication of Chiral-Selective Nanotubular Heterojunctions through Living Supramolecular Polymerization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9539-9543.	13.8	92
3	Near-infrared fluorescent probes with BODIPY donors and rhodamine and merocyanine acceptors for ratiometric determination of lysosomal pH variance. <i>Sensors and Actuators B: Chemical</i> , 2019, 294, 1-13.	7.8	63
4	New near-infrared rhodamine dyes with large Stokes shifts for sensitive sensing of intracellular pH changes and fluctuations. <i>Chemical Communications</i> , 2018, 54, 7625-7628.	4.1	62
5	Ratiometric Near-Infrared Fluorescent Probes Based On Through-Bond Energy Transfer and π -Conjugation Modulation between Tetraphenylethene and Hemicyanine Moieties for Sensitive Detection of pH Changes in Live Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 1406-1418.	3.6	61
6	Near-infrared fluorescent probes based on TBET and FRET rhodamine acceptors with different pK_a values for sensitive ratiometric visualization of pH changes in live cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 198-209.	5.8	52
7	Fluorescent and photoconductive nanoribbons as a dual-mode sensor for selective discrimination of alkyl amines versus aromatic amines. <i>Chemical Communications</i> , 2015, 51, 15004-15007.	4.1	50
8	Ratiometric fluorescent probes based on through-bond energy transfer of cyanine donors to near-infrared hemicyanine acceptors for mitochondrial pH detection and monitoring of mitophagy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1603-1615.	5.8	43
9	Stepwise Formation of Photoconductive Nanotubes through a New Top-Down Method. <i>Advanced Materials</i> , 2015, 27, 7746-7751.	21.0	40
10	Cell Membrane-Specific Fluorescent Probe Featuring Dual and Aggregation-Induced Emissions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20172-20179.	8.0	38
11	New Near-Infrared Fluorescent Probes with Single-Photon Anti-Stokes-Shift Fluorescence for Sensitive Determination of pH Variances in Lysosomes with a Double-Checked Capability. <i>ACS Applied Bio Materials</i> , 2018, 1, 549-560.	4.6	35
12	Fabrication of Chiral-Selective Nanotubular Heterojunctions through Living Supramolecular Polymerization. <i>Angewandte Chemie</i> , 2016, 128, 9691-9695.	2.0	31
13	A near-infrared fluorescent probe based on a hemicyanine dye with an oxazolidine switch for mitochondrial pH detection. <i>Journal of Materials Chemistry B</i> , 2021, 9, 857-863.	5.8	30
14	Near-infrared fluorescent probe for sensitive detection of Pb(II) ions in living cells. <i>Inorganica Chimica Acta</i> , 2017, 468, 140-145.	2.4	28
15	Near-Infrared Hybrid Rhodol Dyes with Spiropyran Switches for Sensitive Ratiometric Sensing of pH Changes in Mitochondria and <i>Drosophila melanogaster</i> First-Instar Larvae. <i>ACS Applied Bio Materials</i> , 2019, 2, 4986-4997.	4.6	27
16	A Near-Infrared Fluorescent Probe Based on a FRET Rhodamine Donor Linked to a Cyanine Acceptor for Sensitive Detection of Intracellular pH Alternations. <i>Molecules</i> , 2018, 23, 2679.	3.8	26
17	A ratiometric near-infrared fluorescent probe based on a novel reactive cyanine platform for mitochondrial pH detection. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5150-5161.	5.8	21
18	Near-infrared fluorescent probe based on cyanine scaffold for sensitive detection of uranyl ions in living cells and water samples. <i>Microchemical Journal</i> , 2022, 180, 107619.	4.5	19

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19	A FRET-Based Near-Infrared Fluorescent Probe for Ratiometric Detection of Cysteine in Mitochondria. <i>ChemBioChem</i> , 2019, 20, 1986-1994.	2.6	18
20	Nanocoiled Assembly of Asymmetric Perylene Diimides: Formulation of Structural Factors. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6446-6452.	3.1	16
21	Selective detection of peroxyxynitrite in living cells by a near-infrared diphenyl phosphinate-based dicyanoisophorone probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118890.	3.9	16
22	Ratiometric Detection of Glutathione Based on Disulfide Linkage Rupture between a FRET Coumarin Donor and a Rhodamine Acceptor. <i>ChemBioChem</i> , 2021, 22, 2282-2291.	2.6	15
23	Highly Fluorescent Nanotubes with Tunable Diameter and Wall Thickness Self-Assembled from Asymmetric Perylene Diimides. <i>Small</i> , 2016, 12, 4363-4369.	10.0	14
24	Fluorescent probes with high pKa values based on traditional, near-infrared rhodamine, and hemicyanine fluorophores for sensitive detection of lysosomal pH variations. <i>Methods</i> , 2019, 168, 40-50.	3.8	13
25	Near-infrared fluorescent probe based on rhodamine derivative for detection of NADH in live cells. <i>Methods</i> , 2022, 204, 22-28.	3.8	11
26	Pd Nanoparticles Anchored on Carbon Nanotubes/Covalent Organic Frameworks for Catalytic Ethanol Electrooxidation. <i>ACS Applied Nano Materials</i> , 2022, 5, 597-604.	5.0	10
27	Morphological Transformation between Nanocoils and Nanoribbons via Defragmentation Structural Rearrangement or Fragmentation-recombination Mechanism. <i>Scientific Reports</i> , 2016, 6, 27335.	3.3	9
28	Ratiometric Near-Infrared Fluorescent Probes Based on Hemicyanine Dyes Bearing Dithioacetal and Formal Residues for pH Detection in Mitochondria. <i>Molecules</i> , 2021, 26, 2088.	3.8	9
29	A two-photon fluorogenic probe based on a coumarin schiff base for formaldehyde detection in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121074.	3.9	7
30	Diverse macroscopic helical motions of microribbons driven by electrons. <i>Chemical Communications</i> , 2017, 53, 2578-2581.	4.1	4
31	Spontaneously bundled nanotubes exhibit greatly enhanced emission via inter-nanotube energy transfer. <i>Science China Chemistry</i> , 2016, 59, 1348-1351.	8.2	2