

Mingxi Fang

List of Publications by Year in descending order

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papers

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935
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Near-infrared fluorescent probes based on TBET and FRET rhodamine acceptors with different p <i>K_a</i> 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
4	A FRET-Based Near-Infrared Fluorescent Probe for Ratiometric Detection of Cysteine in Mitochondria. <i>ChemBioChem</i> , 2019, 20, 1986-1994.	2.6	18
5	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
6	Detecting Zn(II) Ions in Live Cells with Near-Infrared Fluorescent Probes. <i>Molecules</i> , 2019, 24, 1592.	3.8	23
7	Fluorescent probes based on π -conjugation modulation between hemicyanine and coumarin moieties for ratiometric detection of pH changes in live cells with visible and near-infrared channels. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 699-708.	7.8	41
8	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
9	A cyanine-based fluorescent cassette with aggregation-induced emission for sensitive detection of pH changes in live cells. <i>Chemical Communications</i> , 2018, 54, 1133-1136.	4.1	65
10	A Redox Conjugated Polymer-Based All-Solid-State Reference Electrode. <i>Polymers</i> , 2018, 10, 1191.	4.5	12
11	New Near-Infrared Fluorescent Probes with Single-Photon Anti-Stokes-Shift Fluorescence for Sensitive Determination of pH Variations in Lysosomes with a Double-Checked Capability. <i>ACS Applied Bio Materials</i> , 2018, 1, 549-560.	4.6	35
12	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
13	A novel near-infrared fluorescent probe for sensitive detection of β -galactosidase in living cells. <i>Analytica Chimica Acta</i> , 2017, 968, 97-104.	5.4	83
14	Fluorescent probes for sensitive and selective detection of pH changes in live cells in visible and near-infrared channels. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9579-9590.	5.8	55
15	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
16	Luminescent Probes for Sensitive Detection of pH Changes in Live Cells through Two Near-Infrared Luminescence Channels. <i>ACS Sensors</i> , 2017, 2, 924-931.	7.8	46
17	Near-Infrared Fluorescent Probes with Large Stokes Shifts for Sensing Zn(II) Ions in Living Cells. <i>ACS Sensors</i> , 2016, 1, 1408-1415.	7.8	56
18	Unusual Fluorescent Responses of Morpholine-Functionalized Fluorescent Probes to pH via Manipulation of BODIPY's HOMO and LUMO Energy Orbitals for Intracellular pH Detection. <i>ACS Sensors</i> , 2016, 1, 158-165.	7.8	82