

# Jianheng Bi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12152810/publications.pdf>

Version: 2024-02-01

15  
papers

714  
citations

567281

15  
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996975

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g-index

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15  
docs citations

15  
times ranked

794  
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-activatable near-infrared fluorescent probes for detection of lysosomal pH inside living cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4500-4508.	5.8	111
2	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
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	Ratiometric Near-Infrared Fluorescent Probes Based On Through-Bond Energy Transfer and $\pi$ -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
5	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
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	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
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	Fluorescent probes based on $\pi$ -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
10	Highly water-soluble, near-infrared emissive BODIPY polymeric dye bearing RGD peptide residues for cancer imaging. <i>Analytica Chimica Acta</i> , 2013, 758, 138-144.	5.4	40
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	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
13	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
14	Functionalization of BODIPY dyes at 2,6-positions through formyl groups. <i>RSC Advances</i> , 2013, 3, 4793.	3.6	25
15	Detecting Zn(II) Ions in Live Cells with Near-Infrared Fluorescent Probes. <i>Molecules</i> , 2019, 24, 1592.	3.8	23