

Guoyu Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

727
citations

623734

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794594

19
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21
all docs

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times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Acceptor Planarization and Donor Rotation: A Facile Strategy for Realizing Synergistic Cancer Phototherapy <i>via</i> Type I PDT and PTT. <i>ACS Nano</i> , 2022, 16, 4162-4174.	14.6	121
2	A selective and light-up fluorescent probe for β -galactosidase activity detection and imaging in living cells based on an AIE tetraphenylethylene derivative. <i>Chemical Communications</i> , 2017, 53, 4505-4508.	4.1	114
3	An Easily Available Ratiometric Reaction-Based AIE Probe for Carbon Monoxide Light-up Imaging. <i>Analytical Chemistry</i> , 2019, 91, 9388-9392.	6.5	100
4	Fluorescent turn-on sensing of bacterial lipopolysaccharide in artificial urine sample with sensitivity down to nanomolar by tetraphenylethylene based aggregation induced emission molecule. <i>Biosensors and Bioelectronics</i> , 2016, 85, 62-67.	10.1	78
5	Lipid Droplet-Targetable Fluorescence Guided Photodynamic Therapy of Cancer Cells with an Activatable AIE-Active Fluorescent Probe for Hydrogen Peroxide. <i>Advanced Optical Materials</i> , 2020, 8, 2001119.	7.3	46
6	Lysosome-Targeting Red-Emitting Aggregation-Induced Emission Probe with Large Stokes Shift for Light-Up <i>in Situ</i> Visualization of β -N-Acetylhexosaminidase. <i>Analytical Chemistry</i> , 2019, 91, 12611-12614.	6.5	42
7	A fast responsive, highly selective and light-up fluorescent probe for the two-photon imaging of carboxylesterase in living cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1595-1599.	5.8	36
8	An easily available ratiometric AIE probe for peroxyxynitrite <i>in vitro</i> and <i>in vivo</i> imaging. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129223.	7.8	31
9	New switch on fluorescent probe with AIE characteristics for selective and reversible detection of mercury ion in aqueous solution. <i>Analytical Biochemistry</i> , 2019, 585, 113403.	2.4	26
10	Recent Advances of Pure Organic Room Temperature Phosphorescence Materials for Bioimaging Applications. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 73-82.	2.6	23
11	Modulation of the intramolecular hydrogen bonding and push-pull electron effects toward realizing highly efficient organic room temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 13797-13804.	5.5	19
12	Selectively light-up hydrogen peroxide in hypoxic cancer cells with a novel fluorescent probe. <i>Chemical Communications</i> , 2018, 54, 13957-13960.	4.1	18
13	Mitochondria-targeting NIR fluorescent probe for rapid, highly sensitive and selective visualization of nitroxyl in live cells, tissues and mice. <i>Science China Chemistry</i> , 2020, 63, 282-289.	8.2	16
14	An easily available ratiometric AIE probe for nitroxyl visualization <i>in vitro</i> and <i>in vivo</i> . <i>Materials Chemistry Frontiers</i> , 2021, 5, 1817-1823.	5.9	15
15	Side-chain effect of perylene diimide tetramer-based non-fullerene acceptors for improving the performance of organic solar cells. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2104-2108.	5.9	13
16	Highly-efficient photosensitizer based on AIEgen-decorated porphyrin for protein photocleaving. <i>Chinese Chemical Letters</i> , 2019, 30, 1965-1968.	9.0	13
17	Discrimination of Pd ⁰ and Pd ²⁺ in solution and in live cells by novel light-up fluorescent probe with AIE and ESIPT characteristics. <i>Microchemical Journal</i> , 2020, 153, 104503.	4.5	8
18	A Fast-Response AIE-Active Ratiometric Fluorescent Probe for the Detection of Carboxylesterase. <i>Biosensors</i> , 2022, 12, 484.	4.7	5

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19	A highly selective and light-up red emissive fluorescent probe for imaging of penicillin G amidase in <i>Bacillus cereus</i> . <i>New Journal of Chemistry</i> , 2019, 43, 6429-6434.	2.8	3
20	Donor-acceptor strategy to construct near infrared AIEgens for cell imaging. <i>New Journal of Chemistry</i> , 0, , .	2.8	0