

Na Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Multiple Light-Activated Photodynamic Therapy of Tetraphenylethylene Derivative with AIE Characteristics for Hepatocellular Carcinoma via Dual-Organelles Targeting. <i>Pharmaceutics</i> , 2022, 14, 459.	4.5	9
2	A Novel Fluorescent Probe for ATP Detection Based on Synergetic Effect of Aggregation-induced Emission and Counterion Displacement. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 166-170.	2.6	5
3	High-Performance Near-Infrared Aggregation-Induced Emission Luminogen with Mitophagy Regulating Capability for Multimodal Cancer Theranostics. <i>ACS Nano</i> , 2021, 15, 20453-20465.	14.6	47
4	Controllable Coumarin-Based NIR Fluorophores: Selective Subcellular Imaging, Cell Membrane Potential Indication, and Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2076-2086.	8.0	37
5	Efficient photosensitizers with aggregation-induced emission characteristics for lysosome- and Gram-positive bacteria-targeted photodynamic therapy. <i>Chemical Communications</i> , 2020, 56, 2630-2633.	4.1	35
6	Hybridization of Triphenylamine and Salicylaldehyde: A Facile Strategy to Construct Aggregation-Induced Emission Luminogens with Excited-State Intramolecular Proton Transfer for Specific Lipid Droplets and Gram-Positive Bacteria Imaging. <i>Advanced Optical Materials</i> , 2020, 8, 1902027.	7.3	54
7	Efficient near-infrared photosensitizer with aggregation-induced emission characteristics for mitochondria-targeted and image-guided photodynamic cancer therapy. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2064-2071.	5.9	19
8	Multifunctional pyrazoline based AIEgens: real-time tracking and specific protein "fishing" of lipid droplets. <i>Chemical Science</i> , 2019, 10, 9009-9016.	7.4	48
9	Facile construction of boranil complexes with aggregation-induced emission characteristics and their specific lipid droplet imaging applications. <i>Chemical Communications</i> , 2019, 55, 8494-8497.	4.1	73
10	Regulation of circular dichroism behavior and construction of tunable solid-state circularly polarized luminescence based on BINOL derivatives. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1613-1618.	5.9	25
11	Aggregation-Induced Emission Luminogens with the Capability of Wide Color Tuning, Mitochondrial and Bacterial Imaging, and Photodynamic Anticancer and Antibacterial Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11227-11237.	8.0	55
12	A sensitive fluorescent probe for alkaline phosphatase and an activity assay based on the aggregation-induced emission effect. <i>RSC Advances</i> , 2018, 8, 14995-15000.	3.6	30
13	Solid-state fluorescent materials based on coumarin derivatives: polymorphism, stimuli-responsive emission, self-assembly and optical waveguides. <i>Materials Chemistry Frontiers</i> , 2018, 2, 910-916.	5.9	46
14	Fine Tuning of Emission Behavior, Self-Assembly, Anion Sensing, and Mitochondria Targeting of Pyridinium-Functionalized Tetraphenylethylene by Alkyl Chain Engineering. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24249-24257.	8.0	61
15	Multiplexed imaging detection of live cell intracellular changes in early apoptosis with aggregation-induced emission fluorogens. <i>Science China Chemistry</i> , 2018, 61, 892-897.	8.2	29
16	A Fluorescent Probe for Pyrophosphate Based on Tetraphenylethylene Derivative with Aggregation-Induced Emission Characteristics. <i>ChemistrySelect</i> , 2017, 2, 3788-3793.	1.5	15
17	Versatile Donor-Acceptor-Type Aggregation-Enhanced Emission Active Fluorophores as Both Highly Efficient Nondoped Emitter and Excellent Host. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32946-32956.	8.0	40
18	Organic solid fluorophores regulated by subtle structure modification: color-tunable and aggregation-induced emission. <i>Chemical Science</i> , 2017, 8, 577-582.	7.4	159

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19	Synthesis of the BCD Tricyclic Core of Densanins A and B. <i>Organic Letters</i> , 2016, 18, 1949-1951.	4.6	6
20	A highly sensitive fluorescent sensor with aggregation-induced emission characteristics for the detection of iodide and mercury ions in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10479-10485.	5.5	85
21	Novel super-resolution capable mitochondrial probe, MitoRed AIE, enables assessment of real-time molecular mitochondrial dynamics. <i>Scientific Reports</i> , 2016, 6, 30855.	3.3	23
22	A fluorescent probe with aggregation-induced emission characteristics for distinguishing homocysteine over cysteine and glutathione. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8397-8402.	5.5	63
23	A Selective Glutathione Probe based on AIE Fluorogen and its Application in Enzymatic Activity Assay. <i>Scientific Reports</i> , 2015, 4, 4272.	3.3	73
24	BINOL-based chiral aggregation-induced emission luminogens and their application in detecting copper(II) ions in aqueous media. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11458-11463.	5.5	37
25	Mg-Prompted Polyfluoroarene C-H Functionalization: Formal Synthesis of Transfluthrin, Fenfluthrin, and Tefluthrin. <i>Journal of Organic Chemistry</i> , 2015, 80, 10874-10882.	3.2	10
26	A red emitting mitochondria-targeted AIE probe as an indicator for membrane potential and mouse sperm activity. <i>Chemical Communications</i> , 2015, 51, 13599-13602.	4.1	136
27	Effect of the Counterion on Light Emission: A Displacement Strategy to Change the Emission Behaviour from Aggregation-Caused Quenching to Aggregation-Induced Emission and to Construct Sensitive Fluorescent Sensors for Hg ²⁺ Detection. <i>Chemistry - A European Journal</i> , 2014, 20, 133-138.	3.3	116
28	An Aggregation-Induced Emission Luminogen with Efficient Luminescent Mechanochromism and Optical Waveguiding Properties. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 118-121.	2.7	23
29	A tetraphenylethene-substituted pyridinium salt with multiple functionalities: synthesis, stimuli-responsive emission, optical waveguide and specific mitochondrion imaging. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4640.	5.5	193
30	Defect-sensitive crystals based on diaminomaleonitrile-functionalized Schiff base with aggregation-enhanced emission. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7314.	5.5	124
31	Fluorescent light-up probe with aggregation-induced emission characteristics for in vivo imaging of cell apoptosis. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7289.	2.8	60
32	Aggregation-induced phosphorescence of iridium(III) complexes with 2,2'-bipyridine-acylhydrazone and their highly selective recognition to Cu ²⁺ . <i>Analyst</i> , 2013, 138, 894-900.	3.5	40
33	Stoichiometric imbalance-promoted synthesis of polymers containing highly substituted naphthalenes: rhodium-catalyzed oxidative polycondensation of arylboronic acids and internal diynes. <i>Polymer Chemistry</i> , 2013, 4, 1372-1380.	3.9	34
34	Benzothiazolium-functionalized tetraphenylethene: an AIE luminogen with tunable solid-state emission. <i>Chemical Communications</i> , 2012, 48, 8637.	4.1	205
35	An AIE-active hemicyanine fluorogen with stimuli-responsive red/blue emission: extending the pH sensing range by a switch + knob effect. <i>Chemical Science</i> , 2012, 3, 1804.	7.4	171
36	Fabrication of small organic luminogens honeycomb-structured films with aggregation-induced emission features. <i>Journal of Materials Chemistry</i> , 2012, 22, 15869.	6.7	29

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37	An iridium(III) complex of oximated 2,2'-bipyridine as a sensitive phosphorescent sensor for hypochlorite. <i>Analyst</i> , 2011, 136, 2277.	3.5	96
38	A sensitive phosphorescent thiol chemosensor based on an iridium(III) complex with β -unsaturated ketone functionalized 2,2'-bipyridyl ligand. <i>Dalton Transactions</i> , 2010, 39, 8288.	3.3	43
39	Luminescent groups 10 and 11 heteropolynuclear complexes based on thiolate or alkynyl ligands. <i>Coordination Chemistry Reviews</i> , 2009, 253, 1-20.	18.8	146
40	Conversion from ILCT to LLCT/MLCT Excited State by Heavy Metal Ion Binding in Iridium(III) Complexes with Functionalized 2,2'-Bipyridyl Ligands. <i>Organometallics</i> , 2009, 28, 5603-5611.	2.3	89