Na Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1123759/publications.pdf

Version: 2024-02-01

40 papers	2,589 citations	172457 29 h-index	289244 40 g-index
40 all docs	40 docs citations	40 times ranked	3395 citing authors

#	Article	IF	Citations
1	Benzothiazolium-functionalized tetraphenylethene: an AIE luminogen with tunable solid-state emission. Chemical Communications, 2012, 48, 8637.	4.1	205
2	A tetraphenylethene-substituted pyridinium salt with multiple functionalities: synthesis, stimuli-responsive emission, optical waveguide and specific mitochondrion imaging. Journal of Materials Chemistry C, 2013, 1, 4640.	5.5	193
3	An AIE-active hemicyanine fluorogen with stimuli-responsive red/blue emission: extending the pH sensing range by â€œswitch + knobâ€•effect. Chemical Science, 2012, 3, 1804.	7.4	171
4	Organic solid fluorophores regulated by subtle structure modification: color-tunable and aggregation-induced emission. Chemical Science, 2017, 8, 577-582.	7.4	159
5	Luminescent groups 10 and 11 heteropolynuclear complexes based on thiolate or alkynyl ligands. Coordination Chemistry Reviews, 2009, 253, 1-20.	18.8	146
6	A red emitting mitochondria-targeted AIE probe as an indicator for membrane potential and mouse sperm activity. Chemical Communications, 2015, 51, 13599-13602.	4.1	136
7	Defect-sensitive crystals based on diaminomaleonitrile-functionalized Schiff base with aggregation-enhanced emission. Journal of Materials Chemistry C, 2013, 1, 7314.	5.5	124
8	Effect of the Counterion on Light Emission: A Displacement Strategy to Change the Emission Behaviour from Aggregationâ€Caused Quenching to Aggregationâ€Induced Emission and to Construct Sensitive Fluorescent Sensors for Hg²⁺ Detection. Chemistry - A European Journal, 2014, 20, 133-138.	3.3	116
9	An iridium(iii) complex of oximated 2,2â€²-bipyridine as a sensitive phosphorescent sensor for hypochlorite. Analyst, The, 2011, 136, 2277.	3.5	96
10	Conversion from ILCT to LLCT/MLCT Excited State by Heavy Metal Ion Binding in Iridium(III) Complexes with Functionalized 2,2â€²-Bipyridyl Ligands. Organometallics, 2009, 28, 5603-5611.	2.3	89
11	A highly sensitive fluorescent sensor with aggregation-induced emission characteristics for the detection of iodide and mercury ions in aqueous solution. Journal of Materials Chemistry C, 2016, 4, 10479-10485.	5.5	85
12	A Selective Glutathione Probe based on AIE Fluorogen and its Application in Enzymatic Activity Assay. Scientific Reports, 2015, 4, 4272.	3.3	73
13	Facile construction of boranil complexes with aggregation-induced emission characteristics and their specific lipid droplet imaging applications. Chemical Communications, 2019, 55, 8494-8497.	4.1	73
14	A fluorescent probe with aggregation-induced emission characteristics for distinguishing homocysteine over cysteine and glutathione. Journal of Materials Chemistry C, 2015, 3, 8397-8402.	5.5	63
15	Fine Tuning of Emission Behavior, Self-Assembly, Anion Sensing, and Mitochondria Targeting of Pyridinium-Functionalized Tetraphenylethene by Alkyl Chain Engineering. ACS Applied Materials & Interfaces, 2018, 10, 24249-24257.	8.0	61
16	Fluorescent light-up probe with aggregation-induced emission characteristics for in vivo imaging of cell apoptosis. Organic and Biomolecular Chemistry, 2013, 11, 7289.	2.8	60
17	Aggregation-Induced Emission Luminogens with the Capability of Wide Color Tuning, Mitochondrial and Bacterial Imaging, and Photodynamic Anticancer and Antibacterial Therapy. ACS Applied Materials & Interfaces, 2019, 11, 11227-11237.	8.0	55
18	Hybridization of Triphenylamine and Salicylaldehyde: A Facile Strategy to Construct Aggregationâ€Induced Emission Luminogens with Excitedâ€State Intramolecular Proton Transfer for Specific Lipid Droplets and Gramâ€Positive Bacteria Imaging. Advanced Optical Materials, 2020, 8, 1902027.	7.3	54

#	Article	IF	Citations
19	Multifunctional pyrazoline based AIEgens: real-time tracking and specific protein â€œfishingâ€•of lipid droplets. Chemical Science, 2019, 10, 9009-9016.	7.4	48
20	High-Performance Near-Infrared Aggregation-Induced Emission Luminogen with Mitophagy Regulating Capability for Multimodal Cancer Theranostics. ACS Nano, 2021, 15, 20453-20465.	14.6	47
21	Solid-state fluorescent materials based on coumarin derivatives: polymorphism, stimuli-responsive emission, self-assembly and optical waveguides. Materials Chemistry Frontiers, 2018, 2, 910-916.	5.9	46
22	A sensitive phosphorescent thiol chemosensor based on an iridium(iii) complex with Î±,Î²-unsaturated ketone functionalized 2,2â€²-bipyridyl ligand. Dalton Transactions, 2010, 39, 8288.	3.3	43
23	Aggregation-induced phosphorescence of iridium(<scp>iii</scp>) complexes with 2,2â€²-bipyridine-acylhydrazone and their highly selective recognition to Cu²⁺. Analyst, The, 2013, 138, 894-900.	3.5	40
24	Versatile Donorâ€“Ïâ€“Acceptor-Type Aggregation-Enhanced Emission Active Fluorophores as Both Highly Efficient Nondoped Emitter and Excellent Host. ACS Applied Materials & Interfaces, 2017, 9, 32946-32956.	8.0	40
25	BINOL-based chiral aggregation-induced emission luminogens and their application in detecting copper(<scp>ii</scp>) ions in aqueous media. Journal of Materials Chemistry C, 2015, 3, 11458-11463.	5.5	37
26	Controllable Coumarin-Based NIR Fluorophores: Selective Subcellular Imaging, Cell Membrane Potential Indication, and Enhanced Photodynamic Therapy. ACS Applied Materials & Interfaces, 2020, 12, 2076-2086.	8.0	37
27	Efficient photosensitizers with aggregation-induced emission characteristics for lysosome- and Gram-positive bacteria-targeted photodynamic therapy. Chemical Communications, 2020, 56, 2630-2633.	4.1	35
28	Stoichiometric imbalance-promoted synthesis of polymers containing highly substituted naphthalenes: rhodium-catalyzed oxidative polycoupling of arylboronic acids and internal diynes. Polymer Chemistry, 2013, 4, 1372-1380.	3.9	34
29	A sensitive fluorescent probe for alkaline phosphatase and an activity assay based on the aggregation-induced emission effect. RSC Advances, 2018, 8, 14995-15000.	3.6	30
30	Fabrication of small organic luminogens honeycomb-structured films with aggregation-induced emission features. Journal of Materials Chemistry, 2012, 22, 15869.	6.7	29
31	Multiplexed imaging detection of live cell intracellular changes in early apoptosis with aggregation-induced emission fluorogens. Science China Chemistry, 2018, 61, 892-897.	8.2	29
32	Regulation of circular dichroism behavior and construction of tunable solid-state circularly polarized luminescence based on BINOL derivatives. Materials Chemistry Frontiers, 2019, 3, 1613-1618.	5.9	25
33	An Aggregationâ€Induced Emission Luminogen with Efficient Luminescent Mechanochromism and Optical Waveguiding Properties. Asian Journal of Organic Chemistry, 2014, 3, 118-121.	2.7	23
34	Novel super-resolution capable mitochondrial probe, MitoRed AIE, enables assessment of real-time molecular mitochondrial dynamics. Scientific Reports, 2016, 6, 30855.	3.3	23
35	Efficient near-infrared photosensitizer with aggregation-induced emission characteristics for mitochondria-targeted and image-guided photodynamic cancer therapy. Materials Chemistry Frontiers, 2020, 4, 2064-2071.	5.9	19
36	A Fluorescent Probe for Pyrophosphate Based on Tetraphenylethylene Derivative with Aggregationâ€Induced Emission Characteristics. ChemistrySelect, 2017, 2, 3788-3793.	1.5	15

#	Article	IF	Citations
37	Mg-Prompted Polyfluoroarene Câ€“H Functionalization: Formal Synthesis of Transfluthrin, Fenfluthrin, and Tefluthrin. Journal of Organic Chemistry, 2015, 80, 10874-10882.	3.2	10
38	Multiple Light-Activated Photodynamic Therapy of Tetraphenylethylene Derivative with AIE Characteristics for Hepatocellular Carcinoma via Dual-Organelles Targeting. Pharmaceutics, 2022, 14, 459.	4.5	9
39	Synthesis of the BCD Tricyclic Core of Densanins A and B. Organic Letters, 2016, 18, 1949-1951.	4.6	6
40	A Novel Fluorescent Probe for ATP Detection Based on Synergetic Effect of Aggregation-induced Emission and Counterion Displacement. Chemical Research in Chinese Universities, 2021, 37, 166-170.	2.6	5