

Biosensing by luminogens with aggregation-induced en

Chemical Society Reviews

44, 4228-4238

DOI: 10.1039/c4cs00325j

Citation Report

#	ARTICLE	IF	CITATIONS
1	New Polymeric Materials Based on Element-Blocks. Bulletin of the Chemical Society of Japan, 2015, 88, 633-643.	3.2	311
2	Light- \uparrow Probe for Targeted and Activatable Photodynamic Therapy with Real-Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses. Advanced Functional Materials, 2015, 25, 6586-6595.	14.9	144
3	Cellular and Mitochondrial Dual-Targeted Organic Dots with Aggregation-Induced Emission Characteristics for Image-Guided Photodynamic Therapy. Advanced Healthcare Materials, 2015, 4, 2667-2676.	7.6	74
4	Synthesis, structures and aggregation-induced emissive properties of copper(I) complexes with 1H-imidazo[4,5-f][1,10]phenanthroline derivative and diphosphine as ligands. Inorganica Chimica Acta, 2015, 434, 172-180.	2.4	27
5	A colorimetric, ratiometric and water-soluble fluorescent probe for simultaneously sensing glutathione and cysteine/homocysteine. Analytica Chimica Acta, 2015, 900, 103-110.	5.4	89
6	Synthesis and color tuning of boron diiminate conjugated polymers with aggregation-induced scintillation properties. RSC Advances, 2015, 5, 96653-96659.	3.6	27
7	Formation of fluorescent supramolecular polymeric assemblies via orthogonal pillar[5]arene-based molecular recognition and metal ion coordination. Chemical Communications, 2015, 51, 4503-4506.	4.1	72
8	Rational Designed Bipolar, Conjugated Polymer-DNA Composite Beacon for the Sensitive Detection of Proteins and Ions. Analytical Chemistry, 2015, 87, 3890-3894.	6.5	44
9	Film-type chemosensors based on boron diiminate polymers having oxidation-induced emission properties. Polymer Chemistry, 2015, 6, 5590-5595.	3.9	63
10	Image-guided combination chemotherapy and photodynamic therapy using a mitochondria-targeted molecular probe with aggregation-induced emission characteristics. Chemical Science, 2015, 6, 4580-4586.	7.4	182
11	Real-Time, Quantitative Lighting-up Detection of Telomerase in Urines of Bladder Cancer Patients by AIEgens. Analytical Chemistry, 2015, 87, 6822-6827.	6.5	119
12	Combining the PeT and ICT mechanisms into one chemosensor for the highly sensitive and selective detection of zinc. RSC Advances, 2015, 5, 57141-57146.	3.6	30
13	Fluorescence imaging using synthetic GFP chromophores. Current Opinion in Chemical Biology, 2015, 27, 64-74.	6.1	120
14	Amine functionalized tetraphenylethylene: a novel aggregation-induced emission based fluorescent chemodosimeter for nitrite and nitrate ions. RSC Advances, 2015, 5, 31479-31484.	3.6	40
15	Fluorescent aggregates of AIEE active triphenylene derivatives for the sensitive detection of picric acid. RSC Advances, 2015, 5, 32637-32642.	3.6	19
16	Photostable AIE fluorogens for accurate and sensitive detection of S-phase DNA synthesis and cell proliferation. Journal of Materials Chemistry B, 2015, 3, 4993-4996.	5.8	29
17	A reactive probe for Cu ²⁺ based on the ESIPT mechanism and its application in live-cell imaging. Analytical Methods, 2015, 7, 3327-3330.	2.7	35
18	Morphological tuning via structural modulations in AIE luminogens with the minimum number of possible variables and their use in live cell imaging. Chemical Communications, 2015, 51, 9125-9128.	4.1	44

#	ARTICLE	IF	CITATIONS
19	A biocompatible cross-linked fluorescent polymer prepared via ring-opening PEGylation of 4-arm PEG-amine, itaconic anhydride, and an AIE monomer. <i>Polymer Chemistry</i> , 2015, 6, 3634-3640.	3.9	30
20	A highly sensitive hemicyanine-based fluorescent chemodosimeter for mercury ions in aqueous solution and living cells. <i>RSC Advances</i> , 2015, 5, 82531-82534.	3.6	30
21	The rational design of a gemcitabine prodrug with AIE-based intracellular light-up characteristics for selective suppression of pancreatic cancer cells. <i>Chemical Communications</i> , 2015, 51, 17435-17438.	4.1	68
22	Dendritic AIE-active luminogens with a POSS core: synthesis, characterization, and application as chemosensors. <i>RSC Advances</i> , 2015, 5, 97224-97230.	3.6	35
23	Aggregation-Induced Emission: Together We Shine, United We Soar!. <i>Chemical Reviews</i> , 2015, 115, 11718-11940.	47.7	6,279
24	Conjugated polymers developed from alkynes. <i>National Science Review</i> , 2015, 2, 493-509.	9.5	63
25	Selective Fluorescence Detection of Cysteine over Homocysteine and Glutathione Based on a Cysteine-Triggered Dual Michael Addition/Retro-aza-aldol Cascade Reaction. <i>Analytical Chemistry</i> , 2015, 87, 11475-11483.	6.5	128
26	Multi-stable fluorescent silica nanoparticles obtained from in situ doping with aggregation-induced emission molecules. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8775-8781.	5.8	15
27	Fluorescence Turn-on Chemosensor for the Detection of Dissolved CO ₂ Based on Ion-Induced Aggregation of Tetraphenylethylene Derivative. <i>Analytical Chemistry</i> , 2015, 87, 10871-10877.	6.5	50
28	Quencher Group Induced High Specificity Detection of Telomerase in Clear and Bloody Urines by AIEgens. <i>Analytical Chemistry</i> , 2015, 87, 9487-9493.	6.5	70
29	A pH-responsive AIE nanoprobe as a drug delivery system for bioimaging and cancer therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7401-7407.	5.8	69
30	Planarâ€‘rotor architecture based pyreneâ€‘vinylâ€‘tetraphenylethylene conjugated systems: photophysical properties and aggregation behavior. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10663-10674.	2.8	11
31	Highly emissive organic solids with remarkably broad color tunability based on N,C-chelate, four-coordinate organoborons. <i>Chemical Communications</i> , 2015, 51, 16115-16118.	4.1	90
32	Fluorescence switchable probes based on a molecular rotor for selective detection of proteins and small molecules. <i>Chemical Communications</i> , 2015, 51, 16197-16200.	4.1	11
33	New conjugated poly(pyridinium salt) derivative: AIE characteristics, the interaction with DNA and selective fluorescence enhancement induced by dsDNA. <i>RSC Advances</i> , 2015, 5, 103358-103364.	3.6	4
34	A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing. <i>Journal of the American Chemical Society</i> , 2015, 137, 15276-15286.	13.7	260
35	A highly efficient aggregation-induced emission fluorescent sensor for copper(II) in aqueous media. <i>Analytical Methods</i> , 2016, 8, 6013-6016.	2.7	13
36	Tetraphenylethene-Based Conjugated Fluoranthene: A Potential Fluorescent Probe for Detection of Nitroaromatic Compounds. <i>Chemistry - A European Journal</i> , 2016, 22, 5288-5294.	3.3	32

#	ARTICLE	IF	CITATIONS
37	Morphologyâ€Tailoring of a Red AIEgen from Microsized Rods to Nanospheres for Tumorâ€Targeted Bioimaging. <i>Advanced Materials</i> , 2016, 28, 3187-3193.	21.0	89
38	Main chain poly(bile acid) directed plasmonic nanospheres with amphiphilic binding pockets and photo-triggered destruction. <i>RSC Advances</i> , 2016, 6, 62200-62207.	3.6	6
39	Nanomolar Cu ²⁺ Detection in Water Based on Disassembly of AIEgen: Applications in Blood Serum, Cell Imaging and Complex Logic Circuits. <i>ChemistrySelect</i> , 2016, 1, 6880-6887.	1.5	13
40	An arch-bridge-type fluorophore for bridging the gap between aggregation-caused quenching (ACQ) and aggregation-induced emission (AIE). <i>Chemical Science</i> , 2016, 7, 4485-4491.	7.4	174
41	Enantioselective Recognition for Many Different Kinds of Chiral Guests by One Chiral Receptor Based on Tetraphenylethylene Cyclohexylbisurea. <i>Journal of Organic Chemistry</i> , 2016, 81, 3720-3726.	3.2	51
42	Carbohydrate CuAAC click chemistry for therapy and diagnosis. <i>Carbohydrate Research</i> , 2016, 429, 1-22.	2.3	109
43	A near-infrared AIEgen for specific imaging of lipid droplets. <i>Chemical Communications</i> , 2016, 52, 5957-5960.	4.1	93
44	An ICT-based colorimetric and ratiometric fluorescent probe for hydrogen sulfide and its application in live cell imaging. <i>RSC Advances</i> , 2016, 6, 33031-33035.	3.6	14
45	Nonconventional photoluminescence from sulfonated acetoneâ€formaldehyde condensate with aggregation-enhanced emission. <i>RSC Advances</i> , 2016, 6, 47632-47636.	3.6	19
46	POSS-based organicâ€inorganic hybrid nanomaterials: aggregation-enhanced emission, and highly sensitive and selective detection of nitroaromatic explosives in aqueous media. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5578-5583.	5.5	35
47	Dual-responsive aggregation-induced emission-active supramolecular nanoparticles for gene delivery and bioimaging. <i>Chemical Communications</i> , 2016, 52, 7950-7953.	4.1	42
48	Tetraphenyletheneâ€2-Pyrone Conjugate: Aggregation-Induced Emission Study and Explosives Sensor. <i>Journal of Organic Chemistry</i> , 2016, 81, 3597-3602.	3.2	60
49	Real-Time Specific Light-Up Sensing of Transferrin Receptor: Image-Guided Photodynamic Ablation of Cancer Cells through Controlled Cytomembrane Disintegration. <i>Analytical Chemistry</i> , 2016, 88, 4841-4848.	6.5	53
50	Specific Fluorescence Probes for Lipid Droplets Based on Simple AIEgens. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10193-10200.	8.0	132
51	Single-benzene solid emitters with lasing properties based on aggregation-induced emissions. <i>Chemical Communications</i> , 2016, 52, 6577-6580.	4.1	51
52	Amplified fluorescence emission of bolaamphiphilic perylene-azacrown ether derivatives directed towards molecular recognition events. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13239-13245.	2.8	6
53	Biological deoxycholic acidâ€coumarin conjugates: photo-switchable structures and self-assembly morphology. <i>Tetrahedron Letters</i> , 2016, 57, 2125-2128.	1.4	3
54	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

#	ARTICLE	IF	CITATIONS
55	A donor-acceptor triptycene-coumarin hybrid dye featuring a charge separated excited state and AIE properties. Organic and Biomolecular Chemistry, 2016, 14, 5007-5011.	2.8	12
56	Detection of UVA/UVC-induced damage of p53 fragment by rolling circle amplification with AIEgens. Analyst, The, 2016, 141, 4394-4399.	3.5	7
57	Ratiometric detection and imaging of endogenous hypochlorite in live cells and in vivo achieved by using an aggregation induced emission (AIE)-based nanoprobe. Chemical Communications, 2016, 52, 7288-7291.	4.1	146
58	D-Å-D type chromophores with aggregation-induced emission and two-photon absorption: synthesis, optical characteristics and cell imaging. Journal of Materials Chemistry C, 2016, 4, 5379-5389.	5.5	38
59	Modulation of sensitivity to mechanical stimulus in mechanofluorochromic properties by altering substituent positions in solid-state emissive diiodo boron diimines. Journal of Materials Chemistry C, 2016, 4, 5314-5319.	5.5	73
60	Aggregation-Induced Emission: Lighting up Cells, Revealing Life!. Small, 2016, 12, 6451-6477.	10.0	113
61	Multicomponent polymerization: development of a one-pot synthetic route to functional polymers using diyne, N-sulfonyl azide and water/ethanol as reactants. Polymer Chemistry, 2016, 7, 5646-5654.	3.9	27
62	Air-Stable Spirofluorene-Containing Ladder-Type Bis(alkynyl)borane Compounds with Readily Tunable Full Color Emission Properties. Chemistry - A European Journal, 2016, 22, 15095-15106.	3.3	31
63	Multifunctional AIEgens for Future Theranostics. Small, 2016, 12, 6528-6535.	10.0	130
64	Helicity, assembly, and circularly polarised luminescence of chiral AIEgens. , 2016, , .		0
65	New Mechanistic Insights into the AIE Phenomenon. ACS Symposium Series, 2016, , 5-20.	0.5	3
66	Recent Progress in New AIE Structural Motifs. ACS Symposium Series, 2016, , 193-219.	0.5	1
67	Fabrication of Propeller-Shaped Supra-amphiphile for Construction of Enzyme-Responsive Fluorescent Vesicles. ACS Applied Materials & Interfaces, 2016, 8, 27987-27995.	8.0	45
68	Facile preparation of pH-responsive AIE-active POSS dendrimers for the detection of trivalent metal cations and acid gases. Polymer Chemistry, 2016, 7, 6432-6436.	3.9	28
69	Linear Schiff-base fluorescence probe with aggregation-induced emission characteristics for Al ³⁺ detection and its application in live cell imaging. Analytica Chimica Acta, 2016, 945, 75-84.	5.4	53
70	Dimethoxy triarylamine-derived terpyridine-zinc complex: a fluorescence light-up sensor for citrate detection based on aggregation-induced emission. Journal of Materials Chemistry C, 2016, 4, 10040-10046.	5.5	31
71	Luminescent Organoboron Element-Blocks Exhibiting AIE Properties. ACS Symposium Series, 2016, , 157-174.	0.5	3
72	Fluorescent vapochromism in synthetic polymers. Polymer International, 2016, 65, 609-620.	3.1	23

#	ARTICLE	IF	CITATIONS
73	Aggregation-Induced Emission and Photocyclization of Poly(hexaphenyl-1,3-butadiene)s Synthesized from α -1 + 2•Polycoupling of Internal Alkynes and Arylboronic Acids. <i>Macromolecules</i> , 2016, 49, 5817-5830.	4.8	18
74	Organic Dots Based on AIEgens for Two-Photon Fluorescence Bioimaging. <i>Small</i> , 2016, 12, 6430-6450.	10.0	107
75	Near-Infrared Absorbing Nonmetallic Nanomaterials as Photoacoustic Contrast Agents for Biomedical Imaging. , 2016, , 1163-1198.		1
76	Intracellular pH sensing using polymeric micelle containing tetraphenylethylene-oxazolidine. <i>Polymer Chemistry</i> , 2016, 7, 5273-5280.	3.9	21
77	Emissive nanoparticles from pyridinium-substituted tetraphenylethylene salts: imaging and selective cytotoxicity towards cancer cells in vitro and in vivo by varying counter anions. <i>Chemical Science</i> , 2016, 7, 7013-7019.	7.4	65
78	Biocompatible Red Fluorescent Organic Nanoparticles with Tunable Size and Aggregation-Induced Emission for Evaluation of Blood-Brain Barrier Damage. <i>Advanced Materials</i> , 2016, 28, 8760-8765.	21.0	80
79	AIEgens-Functionalized Inorganic-Organic Hybrid Materials: Fabrications and Applications. <i>Small</i> , 2016, 12, 6478-6494.	10.0	83
80	Protease-Responsive Prodrug with Aggregation-Induced Emission Probe for Controlled Drug Delivery and Drug Release Tracking in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 8913-8919.	6.5	84
81	Far Red/Near-Infrared AIE Dots for Image-Guided Photodynamic Cancer Cell Ablation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 21193-21200.	8.0	103
82	Fluorene-based mononuclear gold(I) complexes: the effect of alkyl chain, aggregation-induced emission (AIE) and mechanochromism characteristics. <i>RSC Advances</i> , 2016, 6, 73933-73938.	3.6	37
83	Aggregation induced emission (AIE) active carbazole styryl fluorescent molecular rotor as viscosity sensor. <i>ChemistrySelect</i> , 2016, 1, 2058-2064.	1.5	21
84	Bright and photostable fluorescent probe with aggregation-induced emission characteristics for specific lysosome imaging and tracking. <i>Talanta</i> , 2016, 159, 255-261.	5.5	20
85	A selective fluorescent sensor for Zn^{2+} based on aggregation-induced emission (AIE) activity and metal chelating ability of bis(2-pyridyl)diphenylethylene. <i>Dalton Transactions</i> , 2016, 45, 14039-14043.	3.3	28
86	A near-infrared fluorescent probe based on chloroacetate modified naphthofluorescein for selectively detecting cysteine/homocysteine and its application in living cells. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1393-1399.	2.9	11
87	1,3-Bis(2-aryl-2-oxo-1,3-diketone Organic Crystals with Red Amplified Spontaneous Emission. <i>ChemPlusChem</i> , 2016, 81, 1320-1325.	2.8	8
88	Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents. <i>Small</i> , 2016, 12, 6554-6561.	10.0	55
89	Fabrication of pH-Responsive Nanoparticles with an AIE Feature for Imaging Intracellular Drug Delivery. <i>Biomacromolecules</i> , 2016, 17, 2920-2929.	5.4	111
90	Ratiometric Detection of $\text{A}\beta^{25-35}$ Amyloid and Discrimination from Lectins by a Supramolecular AIE Glyconanoparticle. <i>Small</i> , 2016, 12, 6562-6567.	10.0	44

#	ARTICLE	IF	CITATIONS
91	Bioâ€Chemosensors and Imaging with Aggregationâ€Induced Emission Luminogens. Chemical Record, 2016, 16, 2142-2160.	5.8	48
92	General Platform for Remarkably Thermoresponsive Fluorescent Polymers with Memory Function. ACS Macro Letters, 2016, 5, 909-914.	4.8	35
93	A macrocyclic 1,4-bis(4-pyridylethynyl)benzene showing unique aggregation-induced emission properties. Chemical Communications, 2016, 52, 10365-10368.	4.1	13
94	An AIE-active fluorescence turn-on bioprobe mediated by hydrogen-bonding interaction for highly sensitive detection of hydrogen peroxide and glucose. Chemical Communications, 2016, 52, 10076-10079.	4.1	113
95	Highly efficient blue solid emitters and tautomerization-induced ON/OFF fluorescence switching based on structurally simple 3(5)-phenol-1H-pyrazoles. Chemical Communications, 2016, 52, 13128-13131.	4.1	11
96	AIE Luminogens for Visualizing Cell Structures and Functions. ACS Symposium Series, 2016, , 199-216.	0.5	9
97	Ring-opening crosslinking PEGylation of an AIE epoxy monomer towards biocompatible fluorescent nanoparticles. Journal of Materials Chemistry B, 2016, 4, 8009-8015.	5.8	18
98	Supramolecular Hybrids of AIEgen with Carbon Dots for Noninvasive Long-Term Bioimaging. Chemistry of Materials, 2016, 28, 8825-8833.	6.7	59
99	Nanomolar pyrophosphate detection and nucleus staining in living cells with simple terpyridineâ€Zn(II) complexes. Scientific Reports, 2016, 6, 26477.	3.3	49
100	Advantages of Mobile Liquid-Crystal Phase of AIE Luminogens for Effective Solid-State Emission. Journal of Physical Chemistry C, 2016, 120, 26695-26702.	3.1	33
101	A Dual Anticancer Efficacy Molecule: A Selective Dark Cytotoxicity Photosensitizer. ACS Applied Materials & Interfaces, 2016, 8, 29883-29892.	8.0	16
102	Tetraphenylethene functionalized rhodamine dye for fluorescence detection of HCl vapor in the solid state. Analytical Methods, 2016, 8, 7898-7902.	2.7	7
103	Fluorescence microscopy as an alternative to electron microscopy for microscale dispersion evaluation of organicâ€inorganic composites. Nature Communications, 2016, 7, 11811.	12.8	101
104	Monitoring and quantification of the complex bioaccumulation process of mercury ion in algae by a novel aggregation-induced emission fluorogen. RSC Advances, 2016, 6, 100318-100325.	3.6	10
105	Aggregation-induced emissionâ€fluorophores and applications. Methods and Applications in Fluorescence, 2016, 4, 022003.	2.3	70
106	Effect of E/Z isomerization on the aggregation-induced emission features and mechanochromic performance of dialdehyde-substituted hexaphenyl-1,3-butadiene. Dyes and Pigments, 2016, 133, 354-362.	3.7	38
107	Mitochondria-targeted aggregation induced emission theranostics: crucial importance of in situ activation. Chemical Science, 2016, 7, 6050-6059.	7.4	83
108	Luminescent gold nanoclusters as biocompatible probes for optical imaging and theranostics. Dyes and Pigments, 2016, 135, 64-79.	3.7	50

#	ARTICLE	IF	CITATIONS
109	Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. <i>Analytical Chemistry</i> , 2016, 88, 6374-6381.	6.5	43
110	An AIE based tetraphenylethylene derivative for highly selective and light-up sensing of fluoride ions in aqueous solution and in living cells. <i>RSC Advances</i> , 2016, 6, 59400-59404.	3.6	22
111	Unraveling the aggregation effect on amorphous phase AIE luminogens: a computational study. <i>Nanoscale</i> , 2016, 8, 15173-15180.	5.6	112
112	A colour-tunable chiral AIEgen: reversible coordination, enantiomer discrimination and morphology visualization. <i>Chemical Science</i> , 2016, 7, 6106-6114.	7.4	22
113	Enhanced room-temperature phosphorescence of triphenylphosphine derivatives without metal and heavy atoms in their crystal phase. <i>RSC Advances</i> , 2016, 6, 51683-51686.	3.6	22
114	Sponge-like Type Emissive Chemosensors for the Protein Detection Based on Boron Ketoiminate-Modifying Hydrogels with Aggregation-Induced Blueshift Emission Property. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 414-421.	2.2	47
115	Aggregation-induced emission enhancement in boron difluoride complexes of 3-cyanoformazanates. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6478-6482.	5.5	34
116	A novel nanostructured supramolecular hydrogel self-assembled from tetraphenylethylene-capped dipeptides. <i>Soft Matter</i> , 2016, 12, 6347-6351.	2.7	25
117	A Lysosome-Targeting AIEgen for Autophagy Visualization. <i>Advanced Healthcare Materials</i> , 2016, 5, 427-431.	7.6	65
118	Ultrasensitive detection of aliphatic nitro-organics based on a "turn-on" fluorescent sensor array. <i>Science China Chemistry</i> , 2016, 59, 89-94.	8.2	10
119	Phosphate-induced fluorescence of a tetraphenylethene-substituted tripodal tris(urea) receptor. <i>Dalton Transactions</i> , 2016, 45, 7360-7365.	3.3	23
120	The synthesis, crystal structures, aggregation-induced emission and electroluminescence properties of two novel green-yellow emitters based on carbazole-substituted diphenylethene and dimesitylboron. <i>Organic Electronics</i> , 2016, 33, 78-87.	2.6	17
121	Ratiometric Fluorescent Bioprobe for Highly Reproducible Detection of Telomerase in Bloody Urines of Bladder Cancer Patients. <i>ACS Sensors</i> , 2016, 1, 572-578.	7.8	55
122	Facile creation of FRET systems from a pH-responsive AIE fluorescent vesicle. <i>Chemical Communications</i> , 2016, 52, 5320-5323.	4.1	60
123	Rational design of asymmetric red fluorescent probes for live cell imaging with high AIE effects and large two-photon absorption cross sections using tunable terminal groups. <i>Chemical Science</i> , 2016, 7, 4527-4536.	7.4	97
124	Fluorophores based on a minimal thienylthiazole core: towards multifunctional materials with solid state red emissions, solvatochromism and AIE behaviour. <i>RSC Advances</i> , 2016, 6, 32705-32709.	3.6	4
125	Selective and Sensitive Detection of Heavy Metal Ions in 100% Aqueous Solution and Cells with a Fluorescence Chemosensor Based on Peptide Using Aggregation-Induced Emission. <i>Analytical Chemistry</i> , 2016, 88, 3333-3340.	6.5	147
126	A depropargylation-triggered spontaneous cyclization based fluorescent "turn-on" chemodosimeter for the detection of palladium ions and its application in live-cell imaging. <i>RSC Advances</i> , 2016, 6, 8380-8383.	3.6	33

#	ARTICLE	IF	CITATIONS
127	Recent advances in twisted intramolecular charge transfer (TICT) fluorescence and related phenomena in materials chemistry. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2731-2743.	5.5	830
128	Bioinspired diphenylalanine with aggregation-induced emission in deep ultraviolet range. <i>New Journal of Chemistry</i> , 2016, 40, 1970-1973.	2.8	12
129	Luminescent Metal Nanoclusters with Aggregation-Induced Emission. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 962-975.	4.6	595
130	A stable tetraphenylethene derivative: aggregation-induced emission, different crystalline polymorphs, and totally different mechanoluminescence properties. <i>Materials Horizons</i> , 2016, 3, 220-225.	12.2	228
131	AIE active triphenylamine- π -benzothiazole based motifs: ESIPT or ICT emission. <i>RSC Advances</i> , 2016, 6, 26941-26949.	3.6	35
132	Peptide-Induced AIEgen Self-Assembly: A New Strategy to Realize Highly Sensitive Fluorescent Light-Up Probes. <i>Analytical Chemistry</i> , 2016, 88, 3872-3878.	6.5	97
133	Fabrication of aggregation-induced emission based fluorescent nanoparticles and their biological imaging application: recent progress and perspectives. <i>Materials Today</i> , 2016, 19, 284-291.	14.2	48
134	Diketopyrrolopyrrole-Based Ratiometric/Turn-on Fluorescent Chemosensors for Citrate Detection in the Near-Infrared Region by an Aggregation-Induced Emission Mechanism. <i>Analytical Chemistry</i> , 2016, 88, 1696-1703.	6.5	86
135	A highly fluorescent AIE-active theranostic agent with anti-tumor activity to specific cancer cells. <i>Nanoscale</i> , 2016, 8, 12520-12523.	5.6	42
136	Self-assembled nanomaterials for photoacoustic imaging. <i>Nanoscale</i> , 2016, 8, 2488-2509.	5.6	65
137	Restricted access to a conical intersection to explain aggregation induced emission in dimethyl tetraphenylsilole. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2802-2810.	5.5	144
138	Triphenylamine-based luminogens and fluorescent polyimides: effects of functional groups and substituents on photophysical behaviors. <i>Polymer Chemistry</i> , 2016, 7, 1569-1576.	3.9	40
139	Nanoparticles with Near-Infrared Emission Enhanced by Pillararene-Based Molecular Recognition in Water. <i>Journal of the American Chemical Society</i> , 2016, 138, 80-83.	13.7	278
140	A self-reporting AIE probe with a built-in singlet oxygen sensor for targeted photodynamic ablation of cancer cells. <i>Chemical Science</i> , 2016, 7, 1862-1866.	7.4	188
141	A mechanistic study of AIE processes of TPE luminogens: intramolecular rotation vs. configurational isomerization. <i>Journal of Materials Chemistry C</i> , 2016, 4, 99-107.	5.5	132
142	Dual-targeted activatable photosensitizers with aggregation-induced emission (AIE) characteristics for image-guided photodynamic cancer cell ablation. <i>Journal of Materials Chemistry B</i> , 2016, 4, 169-176.	5.8	71
143	Long wavelength AIEgen of quinoline-malononitrile. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2640-2646.	5.5	63
144	Triphenylamine-functionalized tetraphenylpyrazine: facile preparation and multifaceted functionalities. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2901-2908.	5.5	82

#	ARTICLE	IF	CITATIONS
145	An AIE and ESIPT based kinetically resolved fluorescent probe for biothiols. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2909-2914.	5.5	78
146	Stimuli and shape responsive π -boron-containing TM luminescent organic materials. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2647-2662.	5.5	154
147	Protein sensing in living cells by molecular rotor-based fluorescence-switchable chemical probes. <i>Chemical Science</i> , 2016, 7, 301-307.	7.4	76
148	Vapochromic features of new luminogens based on julolidine-containing styrene copolymers. <i>Faraday Discussions</i> , 2017, 196, 113-129.	3.2	22
149	E/Z isomerization, solvatochromism and aggregation-induced emission enhancement of donor-acceptor type oligo(p-phenylene vinylene)s. <i>Faraday Discussions</i> , 2017, 196, 163-176.	3.2	7
150	Benzothiazoles-substituted tetraphenylethylenes: synthesis, structure, aggregation-induced emission and biological studies. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1207-1216.	5.9	31
151	Visualization of drug delivery processes using AIEgens. <i>Chemical Science</i> , 2017, 8, 2537-2546.	7.4	79
152	Synthesis of Poly(phenyltriazolylcarboxylate)s with Aggregation-Induced Emission Characteristics by Metal-Free 1,3-Dipolar Polycycloaddition of Phenylpropiolate and Azides. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600745.	3.9	23
153	π -Aggregation induced emission TM active iridium(III) complexes with applications in mitochondrial staining. <i>RSC Advances</i> , 2017, 7, 5642-5648.	3.6	31
154	Electronically tuned sulfonamide-based probes with ultra-sensitivity for Ga ³⁺ or Al ³⁺ detection in aqueous solution. <i>Analytica Chimica Acta</i> , 2017, 958, 38-50.	5.4	40
155	Solvatochromic and Fluorogenic Dyes as Environment-Sensitive Probes: Design and Biological Applications. <i>Accounts of Chemical Research</i> , 2017, 50, 366-375.	15.6	848
156	Biocompatible fluorescent polymers from PEGylation of an aggregation-induced emission dye. <i>Dyes and Pigments</i> , 2017, 139, 672-680.	3.7	19
157	Aggregation enhanced luminescent detection of homocysteine in water with terpyridine-based Cu ²⁺ complexes. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 146-155.	7.8	19
158	Aggregation induced emission: Concluding Remarks. <i>Faraday Discussions</i> , 2017, 196, 461-472.	3.2	14
159	Virus-Inspired Self-Assembled Nanofibers with Aggregation-Induced Emission for Highly Efficient and Visible Gene Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4425-4432.	8.0	41
160	Polymer Assemblies with Nanostructure-Correlated Aggregation-Induced Emission. <i>Macromolecules</i> , 2017, 50, 1126-1133.	4.8	106
161	Induced Aggregation of AIE-Active Mono-Cyclometalated Ir(III) Complex into Supramolecular Branched Wires for Light-Emitting Diodes. <i>Small</i> , 2017, 13, 1603780.	10.0	23
162	AIE Active Carbazole-Benzothiazole Based ESIPT Motifs: Positional Isomers Directing the Optical and Electronic Properties. <i>ChemistrySelect</i> , 2017, 2, 1959-1966.	1.5	19

#	ARTICLE	IF	CITATIONS
163	A new fluorophore displaying remarkable solvatofluorochromism and solid-state light emission, and serving as a turn-on fluorescent sensor for cyanide ions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 743-749.	4.5	14
164	The marriage of AIE and interface engineering: convenient synthesis and enhanced photovoltaic performance. <i>Chemical Science</i> , 2017, 8, 3750-3758.	7.4	41
165	Flower-like superstructures of AIE-active tetraphenylethylene through solvophobic controlled self-assembly. <i>Scientific Reports</i> , 2017, 7, 42898.	3.3	54
166	A new ESIPT-based fluorescent probe for highly selective and sensitive detection of HClO in aqueous solution. <i>Tetrahedron Letters</i> , 2017, 58, 1301-1304.	1.4	24
167	Recent Advances and Future Prospects of Aggregation-Induced Emission Carbohydrate Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600575.	3.9	23
168	A photostable triphenylamine-based flavonoid dye: Solvatochromism, aggregation-induced emission enhancement, fabrication of organic nanodots, and cell imaging applications. <i>Dyes and Pigments</i> , 2017, 142, 32-38.	3.7	26
169	Construction of stimuli-responsive supramolecular gel via bispillar[5]arene-based multiple interactions. <i>Polymer Chemistry</i> , 2017, 8, 2005-2009.	3.9	40
170	Insights into the origin of aggregation enhanced emission of 9,10-distyrylanthracene derivatives. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1422-1429.	5.9	47
171	Tuning of the selectivity of fluorescent peptidyl bioprobe using aggregation induced emission for heavy metal ions by buffering agents in 100% aqueous solutions. <i>Biosensors and Bioelectronics</i> , 2017, 92, 179-185.	10.1	66
172	Structural Insights Into 9-Styrylanthracene-Based Luminophores: Geometry Control Versus Mechanofluorochromism and Sensing Properties. <i>Chemistry - an Asian Journal</i> , 2017, 12, 830-834.	3.3	18
173	A water-soluble cationic Ir(III) complex for turn-on sensing of ClO ₄ ⁻ based on aggregation-induced emission. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 599-604.	7.8	20
174	Substituent effects on the aggregation-induced emission and two-photon absorption properties of triphenylamine-dibenzo[a,c]phenazine adducts. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1396-1405.	5.9	44
175	Aggregation-controlled photochromism based on a dithienylethene derivative with aggregation-induced emission. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2717-2722.	5.5	42
176	A biosensor based on self-clickable AIEgen: a signal amplification strategy for ultrasensitive immunoassays. <i>Chemical Communications</i> , 2017, 53, 5287-5290.	4.1	27
177	A highly zinc-selective ratiometric fluorescent probe based on AIE luminogen functionalized coordination polymer nanoparticles. <i>RSC Advances</i> , 2017, 7, 21446-21451.	3.6	29
178	A self-assembled fluorescent organic nanoprobe and its application for sulfite detection in food samples and living systems. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4375-4382.	2.8	44
179	In vivo cancer research using aggregation-induced emission organic nanoparticles. <i>Drug Discovery Today</i> , 2017, 22, 1412-1420.	6.4	22
180	A Tetraphenylethylene-Naphthyridine-Based AIEgen TPEN with Dual Mechanochromic and Chemosensing Properties. <i>Journal of Organic Chemistry</i> , 2017, 82, 4766-4773.	3.2	63

#	ARTICLE	IF	CITATIONS
181	Near-infrared fluorescent dyes with large Stokes shifts: light generation in BODIPYs undergoing excited state intramolecular proton transfer. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4072-4076.	2.8	14
182	Surface grafting of zwitterionic polymers onto dye doped AIE-active luminescent silica nanoparticles through surface-initiated ATRP for biological imaging applications. <i>Applied Surface Science</i> , 2017, 419, 188-196.	6.1	31
183	A fluorescent chemosensor based on nonplanar donor-acceptor structure for highly sensitive and selective detection of picric acid in water. <i>Dyes and Pigments</i> , 2017, 143, 463-469.	3.7	48
184	pH-triggered decomposition of polymeric fluorescent vesicles to induce growth of tetraphenylethylene nanoparticles for long-term live cell imaging. <i>Polymer</i> , 2017, 118, 75-84.	3.8	31
185	A highly sensitive DNA-AIEgen-based "turn-on" fluorescence chemosensor for amplification analysis of Hg ²⁺ ions in real samples and living cells. <i>Science China Chemistry</i> , 2017, 60, 663-669.	8.2	20
186	Acidity-Triggered Tumor Retention/Internalization of Chimeric Peptide for Enhanced Photodynamic Therapy and Real-Time Monitoring of Therapeutic Effects. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16043-16053.	8.0	27
187	Chitosan-based cross-linked fluorescent polymer containing aggregation-induced emission fluorogen for cell imaging. <i>Dyes and Pigments</i> , 2017, 143, 276-283.	3.7	40
188	Unification of molecular NIR fluorescence and aggregation-induced blue emission via novel dendritic zinc phthalocyanines. <i>Journal of Materials Science</i> , 2017, 52, 3402-3418.	3.7	14
189	Development of solid-state emissive o-carboranes and theoretical investigation of the mechanism of the aggregation-induced emission behaviors of organoboron "element-blocks". <i>Faraday Discussions</i> , 2017, 196, 31-42.	3.2	63
190	Functional Built-In Template Directed Siliceous Fluorescent Supramolecular Vesicles as Diagnostics. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21706-21714.	8.0	39
191	Structural insights into the aggregation-induced emission mechanism of naphthalene diimide solids. <i>Dyes and Pigments</i> , 2017, 145, 469-475.	3.7	15
192	A Flexible, Fused, Azomethine-Boron Complex: Thermochromic Luminescence and Thermosensitive Behavior in Structural Transitions between Crystalline Polymorphs. <i>Chemistry - A European Journal</i> , 2017, 23, 11827-11833.	3.3	86
193	Effect of Substituent Position on the Photophysical Properties of Triphenylpyrrole Isomers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11658-11664.	3.1	32
194	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. <i>Macromolecules</i> , 2017, 50, 4217-4226.	4.8	50
195	Design and Luminescence Chromism of Fused Boron Complexes Having Constant Emission Efficiencies in Solution and in the Amorphous and Crystalline States. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5191-5196.	2.4	47
196	A novel self-assembly Lentinan-tetraphenylethylene composite with strong blue fluorescence in water and its properties. <i>Carbohydrate Polymers</i> , 2017, 174, 13-24.	10.2	11
197	Sensitive mechanofluorochromism based on conversion of paired and unpaired enantiomer packing modes. <i>Dyes and Pigments</i> , 2017, 145, 391-398.	3.7	14
198	Cation-driven luminescent self-assembled dots of copper nanoclusters with aggregation-induced emission for β -galactosidase activity monitoring. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5120-5127.	5.8	53

#	ARTICLE	IF	CITATIONS
199	Functionality and versatility of aggregation-induced emission luminogens. <i>Applied Physics Reviews</i> , 2017, 4, .	11.3	138
200	Dynamic fluorescence quenching by 2,4,6-trinitrophenol in the voids of an aggregation induced emission based fluorescent probe. <i>New Journal of Chemistry</i> , 2017, 41, 8739-8747.	2.8	22
201	Multi-stimuli responsive luminescent azepane-substituted β^2 -diketones and difluoroboron complexes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1866-1874.	5.9	44
202	Synthesis and cell imaging applications of amphiphilic AIE-active poly(amino acid)s. <i>Materials Science and Engineering C</i> , 2017, 79, 563-569.	7.3	105
203	Effect of connecting links on self-assembly and mechanofluorochromism of cyanostyrylanthracene derivatives with aggregation-induced emission. <i>Dyes and Pigments</i> , 2017, 145, 12-20.	3.7	22
204	Microwave-assisted Diels-Alder reaction for rapid synthesis of luminescent nanodiamond with AIE-active dyes and their biomedical applications. <i>Materials Chemistry and Physics</i> , 2017, 197, 256-265.	4.0	12
205	Simultaneous Fluorescence and Chemiluminescence Turned on by Aggregation-Induced Emission for Real-Time Monitoring of Endogenous Superoxide Anion in Live Cells. <i>Analytical Chemistry</i> , 2017, 89, 7210-7215.	6.5	80
206	A new tetraphenylethylene based AIE probe for light-up and discriminatory detection of Cys over Hcy and GSH. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 712-716.	7.8	57
207	Aggregation-Induced Emission (AIE) Fluorophore Exhibits a Highly Ratiometric Fluorescent Response to Zn^{2+} in vitro and in Human Liver Cancer Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 13067-13075.	3.3	23
208	Modulating aggregation-induced emission via a non-conjugated linkage of fluorophores to tetraphenylethenes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5096-5100.	5.8	17
209	A water-stable lanthanide metal-organic framework for fluorimetric detection of ferric ions and tryptophan. <i>Mikrochimica Acta</i> , 2017, 184, 3363-3371.	5.0	128
210	A two-photon fluorescent probe for specific detection of hydrogen sulfide based on a familiar ESIPT fluorophore bearing AIE characteristics. <i>Chemical Communications</i> , 2017, 53, 4791-4794.	4.1	116
211	Excited-State Decay Paths in Tetraphenylethene Derivatives. <i>Journal of Physical Chemistry A</i> , 2017, 121, 2572-2579.	2.5	93
212	Thermo-responsive fluorescence of AIE-active poly(N-isopropylacrylamides) labeled with highly twisted bis(N,N-dialkylamino)arenes. <i>RSC Advances</i> , 2017, 7, 17403-17416.	3.6	12
213	Aggregation induced emission enhancement (AIEE) characteristics of quinoline based compound as a versatile fluorescent probe for pH, Fe(III) ion, BSA binding and optical cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 182, 58-66.	3.9	17
214	Light up detection of heparin based on aggregation-induced emission and synergistic counter ion displacement. <i>Chemical Communications</i> , 2017, 53, 4795-4798.	4.1	37
215	A reusable and naked-eye molecular probe with aggregation-induced emission (AIE) characteristics for hydrazine detection. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3565-3571.	5.8	50
216	Design of anion-selective PET probes based on azacryptands: the effect of pH on binding and fluorescence properties. <i>Chemical Communications</i> , 2017, 53, 4822-4825.	4.1	24

#	ARTICLE	IF	CITATIONS
217	Ratiometric Hg ²⁺ /Ag ⁺ Probes with Orange Red-White-Blue Fluorescence Response Constructed by Integrating Vibration-Induced Emission with an Aggregation-Induced Emission Motif. Chemistry - A European Journal, 2017, 23, 9280-9287.	3.3	39
218	A Comparative Study of Electrochemical, Spectroscopic and Structural Properties of Phenyl, Thienyl and Furyl Substituted Ethylenes. ChemistrySelect, 2017, 2, 2763-2773.	1.5	6
219	A selective and light-up fluorescent probe for β -galactosidase activity detection and imaging in living cells based on an AIE tetraphenylethylene derivative. Chemical Communications, 2017, 53, 4505-4508.	4.1	114
220	Synthesis and properties enhancement of metal nanoclusters templated on a biological molecule/ionic liquids complex. New Journal of Chemistry, 2017, 41, 3766-3772.	2.8	3
221	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	14.6	976
222	Gemini-Type Tetraphenylethylene Amphiphiles Containing [12]aneN ₃ and Long Hydrocarbon Chains as Nonviral Gene Vectors and Gene Delivery Monitors. ACS Applied Materials & Interfaces, 2017, 9, 11546-11556.	8.0	42
223	A novel "turn-on" fluorescence probe with aggregation-induced emission for the selective detection and bioimaging of Hg ²⁺ in live cells. Sensors and Actuators B: Chemical, 2017, 247, 655-663.	7.8	33
224	Synthesis of a Tetraphenylethene-Substituted Tetrapyrrolium Salt with Multifunctionality: Mechanochromism, Cancer Cell Imaging, and DNA Marking. Australian Journal of Chemistry, 2017, 70, 652.	0.9	18
225	Organic molecules with propeller structures for efficient photoacoustic imaging and photothermal ablation of cancer cells. Materials Chemistry Frontiers, 2017, 1, 1556-1562.	5.9	85
226	A label-free fluorescence turn-on assay for glutathione detection by using MnO ₂ nanosheets assisted aggregation-induced emission-silica nanospheres. Talanta, 2017, 169, 1-7.	5.5	41
227	Targeted combinational therapy inducing mitochondrial dysfunction. Chemical Communications, 2017, 53, 1281-1284.	4.1	30
228	An easily accessible aggregation-induced emission probe for lipid droplet-specific imaging and movement tracking. Chemical Communications, 2017, 53, 921-924.	4.1	118
229	AIE Polymers: Synthesis, Properties, and Biological Applications. Macromolecular Bioscience, 2017, 17, 1600433.	4.1	107
230	A new ESIPT-based fluorescent probe for highly selective and sensitive detection of hydrogen sulfide and its application in live-cell imaging. New Journal of Chemistry, 2017, 41, 1119-1123.	2.8	23
231	Various Tetraphenylethene-Based AIEgens with Four Functional Polymer Arms: Versatile Synthetic Approach and Photophysical Properties. Industrial & Engineering Chemistry Research, 2017, 56, 680-686.	3.7	22
232	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB) Tj ETQq1,1 0.784314 rgBT (O	3.0	11
233	An AEE-active polymer containing tetraphenylethene and 9,10-distyrylanthracene moieties with remarkable mechanochromism. Chinese Journal of Polymer Science (English Edition), 2017, 35, 282-292.	3.8	32
234	Single-probe multistate detection of DNA via aggregation-induced emission on a graphene oxide platform. Acta Biomaterialia, 2017, 50, 334-343.	8.3	31

#	ARTICLE	IF	CITATIONS
235	SiO ₂ encapsulated nanofluorophor: Photophysical properties, aggregation induced emission and its application for cell mitochondria imaging. <i>Dyes and Pigments</i> , 2017, 139, 110-117.	3.7	10
236	A pyridinyl-organoboron complex as dual functional chemosensor for mercury ions and gaseous acid/base. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 642-649.	7.8	13
237	Microporous Hexanuclear Ln(III) Cluster-Based Metal-Organic Frameworks: Color Tunability for Barcode Application and Selective Removal of Methylene Blue. <i>Inorganic Chemistry</i> , 2017, 56, 511-517.	4.0	136
238	Photoactivatable aggregation-induced emission probes for lipid droplets-specific live cell imaging. <i>Chemical Science</i> , 2017, 8, 1763-1768.	7.4	128
239	Tracking the formation of supramolecular G-quadruplexes via self-assembly enhanced emission. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 782-786.	2.8	3
240	AIE-active theranostic system: selective staining and killing of cancer cells. <i>Chemical Science</i> , 2017, 8, 1822-1830.	7.4	187
241	Novel Strategy toward AIE-Active Fluorescent Polymeric Nanoparticles from Polysaccharides: Preparation and Cell Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9955-9964.	6.7	42
242	Intelligent Fluorescence Probe with Turn-On Properties By a Balance of Visible and Near-Infrared Fluorescence. <i>ChemPhotoChem</i> , 2017, 1, 568-574.	3.0	1
243	Fluorescent chemosensors: the past, present and future. <i>Chemical Society Reviews</i> , 2017, 46, 7105-7123.	38.1	1,436
244	Fluorescent Sensors Based on Aggregation-Induced Emission: Recent Advances and Perspectives. <i>ACS Sensors</i> , 2017, 2, 1382-1399.	7.8	521
245	A fluorescent pH probe for acidic organelles in living cells. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7936-7943.	2.8	30
246	Rhodium/Copper Cocatalyzed Highly trans-Selective 1,2-Diheteroarylation of Alkynes with Azoles via C-H Addition/Oxidative Cross-Coupling: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 15724-15737.	13.7	59
247	Sensitive and Specific Detection of L-Lactate Using an AIE-Active Fluorophore. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38153-38158.	8.0	32
248	AIE-active molecule-based self-assembled nano-fibrous films for sensitive detection of volatile organic amines. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11781-11789.	5.5	41
249	Diagnostic Absolute Configuration Determination of Tetraphenylethene Core-Based Chiral Aggregation-Induced Emission Compounds: Particular Fingerprint Bands in Comprehensive Chiroptical Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 20947-20954.	3.1	38
250	2,5-bis(4-alkoxycarbonylphenyl)-1,4-diaryl-1,4-dihydropyrrolo[3,2-b]pyrrole (AAPP) AIEgens: tunable RIR and TICT characteristics and their multifunctional applications. <i>Chemical Science</i> , 2017, 8, 7258-7267.	7.4	153
251	Rapid, sensitive, and in-solution screening of peptide probes for targeted imaging of live cancer cells based on peptide recognition-induced emission. <i>Chemical Communications</i> , 2017, 53, 11091-11094.	4.1	18
252	A red-emitting cationic hyperbranched polymer: facile synthesis, aggregation-enhanced emission, large Stokes shift, polarity-insensitive fluorescence and application in cell imaging. <i>Polymer Chemistry</i> , 2017, 8, 6277-6282.	3.9	26

#	ARTICLE	IF	CITATIONS
253	Synthesis, Assembly, and Applications of Hybrid Nanostructures for Biosensing. <i>Chemical Reviews</i> , 2017, 117, 12942-13038.	47.7	258
254	Fluorescent Protein Nanovessels: A New Platform to Generate Bio-Abiotic Hybrid Materials for Bioimaging. <i>Advanced Functional Materials</i> , 2017, 27, 1702051.	14.9	12
255	Fluorescent Crystals of Zwitterionic Imidazolium Pyridinolates: A Rational Design for Solid-State Emission Based on the Twisting Control of Proemissive <i>N</i> -Aryl Imidazolium Platforms. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5044-5054.	2.4	3
256	Fabrication of Stable and Luminescent Copper Nanocluster-Based AIE Particles and Their Application in β -Galactosidase Activity Assay. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32887-32895.	8.0	64
257	AIEgens for biological process monitoring and disease theranostics. <i>Biomaterials</i> , 2017, 146, 115-135.	11.4	206
258	Fabrication of AIE-active fluorescent organic nanoparticles through one-pot supramolecular polymerization and their biological imaging. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 455-461.	5.3	17
259	Highly sensitive and selective fluorescent sensor for copper(<i>II</i>) based on salicylaldehyde Schiff-base derivatives with aggregation induced emission and mechanoluminescence. <i>New Journal of Chemistry</i> , 2017, 41, 11079-11088.	2.8	26
260	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11788-11792.	13.8	174
261	In Situ Localization of Enzyme Activity in Live Cells by a Molecular Probe Releasing a Precipitating Fluorochrome. <i>Angewandte Chemie</i> , 2017, 129, 11950-11954.	2.0	44
262	Recent advances in AIEgen-based luminescent metal-organic frameworks and covalent organic frameworks. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2474-2486.	5.9	136
263	A red-emissive antibody-AIEgen conjugate for turn-on and wash-free imaging of specific cancer cells. <i>Chemical Science</i> , 2017, 8, 7014-7024.	7.4	79
264	Label-free fluorescence turn-on aptasensor for prostate-specific antigen sensing based on aggregation-induced emission-silica nanospheres. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5757-5765.	3.7	46
265	High Efficiency Luminescent Liquid Crystalline Polymers Based on Aggregation-Induced Emission and π -Jacketing Effect: Design, Synthesis, Photophysical Property, and Phase Structure. <i>Macromolecules</i> , 2017, 50, 9607-9616.	4.8	56
266	Smart multifunctional polyurethane microcapsules for the quick release of anticancer drugs in BGC 823 and HeLa tumor cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9477-9481.	5.8	42
267	In Situ Fabrication of Flexible, Thermally Stable, Large-Area, Strongly Luminescent Copper Nanocluster/Polymer Composite Films. <i>Chemistry of Materials</i> , 2017, 29, 10206-10211.	6.7	58
268	Reversibly Tunable White-Light Emissions of Styrylpyridiniums with Cucurbiturils in Aqueous Solution. <i>Organic Letters</i> , 2017, 19, 6650-6653.	4.6	53
269	Haloarene-Linked Unsymmetrically Substituted Triarylethenes: Small AIEgens To Detect Nitroaromatics and Volatile Organic Compounds. <i>Journal of Organic Chemistry</i> , 2017, 82, 13359-13367.	3.2	25
270	To form AIE product with the target analyte: A new strategy for excellent fluorescent probes, and convenient detection of hydrazine in seconds with test strips. <i>Science China Chemistry</i> , 2017, 60, 1596-1601.	8.2	41

#	ARTICLE	IF	CITATIONS
271	Synthesis and photophysical properties of new through-space conjugated luminogens constructed by folded tetraphenylethene. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12553-12560.	5.5	18
272	Aggregation-induced emission assembled ultrathin films for white light-emitting diodes. <i>Chemical Communications</i> , 2017, 53, 12676-12679.	4.1	15
273	Redox-Triggered Bonding-Induced Emission of Thiol-Functionalized Gold Nanoclusters for Luminescence Turn-On Detection of Molecular Oxygen. <i>ACS Sensors</i> , 2017, 2, 1692-1699.	7.8	25
274	An amphiphilic fluorescent polymer combining aggregation-induced emission monomer and μ -polylysine for cell imaging. <i>Dyes and Pigments</i> , 2017, 145, 174-180.	3.7	5
275	Dramatic Differences in Aggregation-Induced Emission and Supramolecular Polymerizability of Tetraphenylethene-Based Stereoisomers. <i>Journal of the American Chemical Society</i> , 2017, 139, 10150-10156.	13.7	170
276	Efficient and thermally stable non-doped red OLEDs based on a "bird-like" donor-acceptor fluorophore with aggregation induced emission enhancement and intramolecular charge transfer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7436-7440.	5.5	25
277	Aromatic Thioethers as Novel Luminophores with Aggregation-Induced Fluorescence and Phosphorescence. <i>Chemistry - A European Journal</i> , 2017, 23, 13660-13668.	3.3	50
278	A novel AIEE and EISPT fluorescent probe for selective detection of cysteine. <i>Tetrahedron Letters</i> , 2017, 58, 3214-3218.	1.4	22
279	A new strategy for fabrication of water dispersible and biodegradable fluorescent organic nanoparticles with AIE and ESIPT characteristics and their utilization for bioimaging. <i>Talanta</i> , 2017, 174, 803-808.	5.5	43
280	Bioimaging of nanoparticles: the crucial role of discriminating nanoparticles from free probes. <i>Drug Discovery Today</i> , 2017, 22, 382-387.	6.4	53
281	Selective Host-Guest Co-crystallization of Pyridine-Functionalized Tetraphenylethylenes with Phthalic Acids and Multicolor Emission of the Co-crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 644-651.	3.3	37
282	AIEgens for dark through-bond energy transfer: design, synthesis, theoretical study and application in ratiometric Hg^{2+} sensing. <i>Chemical Science</i> , 2017, 8, 2047-2055.	7.4	187
283	Heat-Resistant Mechanoluminescent Chromism of the Hybrid Molecule Based on Boron Ketoiminate Modified Octasubstituted Polyhedral Oligomeric Silsesquioxane. <i>Chemistry - A European Journal</i> , 2017, 23, 1409-1414.	3.3	54
284	Anion-induced emissive nanoparticles for tunable fluorescence detection of pyrophosphate and bioimaging application. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 253-259.	7.8	20
285	A highly selective fluorescent nanoprobe based on AIE and ESIPT for imaging hydrogen sulfide in live cells and zebrafish. <i>Materials Chemistry Frontiers</i> , 2017, 1, 838-845.	5.9	132
286	Cellular membrane-anchored fluorescent probe with aggregation-induced emission characteristics for selective detection of Cu^{2+} ions. <i>Faraday Discussions</i> , 2017, 196, 377-393.	3.2	11
287	A dual photoluminescence enhancement system: stabilization of a water soluble AIEE fluorogen using silver nanowire. <i>Faraday Discussions</i> , 2017, 196, 55-69.	3.2	3
288	Differential sensing of oils by conjugates of serum albumins and 9,10-distyrylanthracene probes: a cautionary tale. <i>Supramolecular Chemistry</i> , 2017, 29, 308-314.	1.2	6

#	ARTICLE	IF	CITATIONS
289	Oligopeptides for Cancer and Other Biomedical Sensing Applications. , 2017, , 279-304.		0
290	Fluorescent Polystyrene Films for the Detection of Volatile Organic Compounds Using the Twisted Intramolecular Charge Transfer Mechanism. <i>Molecules</i> , 2017, 22, 1306.	3.8	37
291	Synthesis of Aggregation-Induced Emission-Active Conjugated Polymers Composed of Group 13 Diiminate Complexes with Tunable Energy Levels via Alteration of Central Element. <i>Polymers</i> , 2017, 9, 68.	4.5	25
292	Unusual Emission of Polystyrene-Based Alternating Copolymers Incorporating Aminobutyl Maleimide Fluorophore-Containing Polyhedral Oligomeric Silsesquioxane Nanoparticles. <i>Polymers</i> , 2017, 9, 103.	4.5	21
293	A Light-Up Probe for Detection of Adenosine in Urine Samples by a Combination of an AIE Molecule and an Aptamer. <i>Sensors</i> , 2017, 17, 2246.	3.8	9
294	Host-Guest Supramolecular Systems Containing AIE-Active Building Blocks. , 2017, , 89-105.		2
295	More Than a Light Switch: Engineering Unconventional Fluorescent Configurations for Biological Sensing. <i>ACS Chemical Biology</i> , 2018, 13, 1752-1766.	3.4	31
296	A novel biocompatible zwitterionic polyurethane with AIE effect for cell imaging in living cells. <i>RSC Advances</i> , 2018, 8, 6798-6804.	3.6	13
297	Uncommon Aggregation-Induced Emission Molecular Materials with Highly Planar Conformations. <i>Advanced Optical Materials</i> , 2018, 6, 1701394.	7.3	37
298	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
299	Supramolecular Self-assembled Nanomaterials for Fluorescence Bioimaging. <i>Nanomedicine and Nanotoxicology</i> , 2018, , 1-29.	0.2	1
300	Aggregation-Induced Emission-Active Ruthenium(II) Complex of 4,7-Dichloro Phenanthroline for Selective Luminescent Detection and Ribosomal RNA Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14356-14366.	8.0	53
301	Constructing Full-Color Highly Emissive Organic Solids Based on an X-Shaped Tetrasubstituted Benzene Skeleton. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10510-10518.	3.1	48
302	Construction of emission-tunable nanoparticles based on a TICT-AIEgen: impact of aggregation-induced emission versus twisted intramolecular charge transfer. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2869-2876.	5.8	27
303	Fluorescent Polymersomes with Aggregation-Induced Emission. <i>ACS Nano</i> , 2018, 12, 4025-4035.	14.6	100
304	Recent progress in small molecule fluorescent probes for nitroreductase. <i>Chinese Chemical Letters</i> , 2018, 29, 1451-1455.	9.0	74
305	AIE-based superwetttable microchips for evaporation and aggregation induced fluorescence enhancement biosensing. <i>Biosensors and Bioelectronics</i> , 2018, 111, 124-130.	10.1	69
306	A Turn-On fluorescent chemosensor with the aggregation-induced emission characteristic for high-sensitive detection of Ce ion. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 351-356.	7.8	37

#	ARTICLE	IF	CITATIONS
307	A Color-Tunable Fluorescent Supramolecular Hyperbranched Polymer Constructed by Pillar[5]arene-Based Host-Guest Recognition and Metal Ion Coordination Interaction. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800053.	3.9	26
308	Observation of a new type of aggregation-induced emission in nanoclusters. <i>Chemical Science</i> , 2018, 9, 3062-3068.	7.4	118
309	Selective fluorescent probes for spermine and 1-adamantanamine based on the supramolecular structure formed between AIE-active molecule and cucurbit[n]urils. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 602-607.	7.8	50
310	Efficient Red/Near-Infrared Fluorophores Based on Benzo[1,2-b:4,5-b']dithiophene 1,1,5,5-Tetraoxide for Targeted Photodynamic Therapy and In Vivo Two-Photon Fluorescence Bioimaging. <i>Advanced Functional Materials</i> , 2018, 28, 1706945.	14.9	96
311	A new blue AIEgen based on tetraphenylethene with multiple potential applications in fluorine ion sensors, mechanochromism, and organic light-emitting diodes. <i>New Journal of Chemistry</i> , 2018, 42, 4089-4094.	2.8	23
312	Label-Free and Ultrasensitive Biomolecule Detection Based on Aggregation Induced Emission Fluorogen via Target-Triggered Hemin/G-Quadruplex-Catalyzed Oxidation Reaction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4561-4568.	8.0	76
313	A turn-on near-infrared fluorescence probe with aggregation-induced emission based on dibenzo[a,c]phenazine for detection of superoxide anions and its application in cell imaging. <i>Analyst</i> , 2018, 143, 1242-1249.	3.5	44
314	Tailoring the morphology of AIEgen fluorescent nanoparticles for optimal cellular uptake and imaging efficacy. <i>Chemical Science</i> , 2018, 9, 2620-2627.	7.4	32
315	A Tetraphenylethene-Based Polymer Array Discriminates Nitroarenes. <i>Macromolecules</i> , 2018, 51, 1345-1350.	4.8	33
316	Self-assembly of emissive supramolecular rosettes with increasing complexity using multitopic terpyridine ligands. <i>Nature Communications</i> , 2018, 9, 567.	12.8	140
317	Solvent-Dependent Self-Assembly and Aggregation-Induced Emission in Zn(II) Complexes Containing Phenothiazine-Based Terpyridine Ligand and Its Efficacy in Pyrophosphate Sensing. <i>Journal of Physical Chemistry C</i> , 2018, 122, 5178-5187.	3.1	27
318	An oxidative cyclization reaction based fluorescent "Turn-On" probe for highly selective and rapid detection of hypochlorous acid. <i>Tetrahedron Letters</i> , 2018, 59, 1116-1120.	1.4	29
319	Tuning of the perylene probe excimer emission with silver nanoparticles. <i>Analytica Chimica Acta</i> , 2018, 1016, 40-48.	5.4	13
320	Dual Role of a Fluorescent Peptidyl Probe Based on Self-Assembly for the Detection of Heparin and for the Inhibition of the Heparin-Digestive Enzyme Reaction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2282-2290.	8.0	36
321	A pH responsive AIE probe for enzyme assays. <i>Analyst</i> , 2018, 143, 741-746.	3.5	19
322	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
323	A fluorescent cross-linked supramolecular network formed by orthogonal metal-coordination and host-guest interactions for multiple ratiometric sensing. <i>Polymer Chemistry</i> , 2018, 9, 399-403.	3.9	34
324	Paper-based fluorescent sensor via aggregation induced emission fluorogen for facile and sensitive visual detection of hydrogen peroxide and glucose. <i>Biosensors and Bioelectronics</i> , 2018, 104, 152-157.	10.1	112

#	ARTICLE	IF	CITATIONS
325	Exploration of solvent responsive Cr ³⁺ -Schiff base conjugates for monitoring Cr ³⁺ ions and organophosphates: Fabrication of spot-testing devices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 201, 46-53.	3.9	7
326	Fluorescent Organic Nanoparticles Constructed by a Facile "Self-Isolation Enhanced Emission" Strategy for Cell Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 2324-2331.	5.0	23
327	Roles of thiolate ligands in the synthesis, properties and catalytic application of gold nanoclusters. <i>Coordination Chemistry Reviews</i> , 2018, 368, 60-79.	18.8	209
328	Recent developments in multimodality fluorescence imaging probes. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 320-338.	12.0	172
329	Aggregation-Induced Electrochemiluminescence from a Cyclometalated Iridium(III) Complex. <i>Inorganic Chemistry</i> , 2018, 57, 4310-4316.	4.0	68
330	Aggregation-induced emission and the working mechanism of 1-benzoyl and 1-benzyl pyrene derivatives. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9922-9929.	2.8	45
331	Azo Coupling Reaction Induced Macromolecular Self-Assembly in Aqueous Solution. <i>ACS Macro Letters</i> , 2018, 7, 437-441.	4.8	41
332	Aggregation-Induced Emission Probe for Study of the Bactericidal Mechanism of Antimicrobial Peptides. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11436-11442.	8.0	70
333	Journey of Aggregation-Induced Emission Research. <i>ACS Omega</i> , 2018, 3, 3267-3277.	3.5	234
334	Eu/Tb luminescence for alkaline phosphatase and β -galactosidase assay in hydrogels and on paper devices. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2143-2150.	5.8	32
335	A new aggregation-induced emission fluorescent probe for rapid detection of nitroreductase and its application in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 197-201.	3.9	31
336	A light-up fluorescent probe for citrate detection based on bispyridinium amides with aggregation-induced emission feature. <i>Talanta</i> , 2018, 178, 847-853.	5.5	26
337	Copper-catalyzed coupling of oxime acetates and aryl diazonium salts: an azide-free strategy toward <i>N</i> -2-aryl-1,2,3-triazoles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 571-576.	4.5	50
338	Highly selective turn-on fluorogenic chemosensor for Zn(II) detection based on aggregation-induced emission. <i>Journal of Luminescence</i> , 2018, 194, 366-373.	3.1	33
339	AIE-active organic polymorphs displaying molecular conformation-dependent amplified spontaneous emissions (ASE). <i>Dyes and Pigments</i> , 2018, 149, 284-289.	3.7	27
340	Ice Squeezing Induced Multicolor Fluorescence Emissions from Polyacrylamide Cryogels. <i>Journal of Fluorescence</i> , 2018, 28, 337-345.	2.5	2
341	Electronic effect on the optical properties and sensing ability of AIEgens with ESIPT process based on salicylaldehyde azine. <i>Science China Chemistry</i> , 2018, 61, 76-87.	8.2	51
342	Self-Assembly of a Tetraphenylethylene-Based Capsule Showing Both Aggregation- and Encapsulation-Induced Emission Properties. <i>Inorganic Chemistry</i> , 2018, 57, 3596-3601.	4.0	36

#	ARTICLE	IF	CITATIONS
343	Aggregation-Induced Emission Probe for Specific Turn-On Quantification of Soluble Transferrin Receptor: An Important Disease Marker for Iron Deficiency Anemia and Kidney Diseases. <i>Analytical Chemistry</i> , 2018, 90, 1154-1160.	6.5	38
344	Large Changes in Fluorescent Color and Intensity of Symmetrically Substituted Arylmalesimides Caused by Subtle Structure Modifications. <i>Chemistry - A European Journal</i> , 2018, 24, 322-326.	3.3	41
345	Progress and Trends in AIE-Based Bioprobes: A Brief Overview. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12217-12261.	8.0	317
346	Aggregation-Induced Fluorescence Probe for Monitoring Membrane Potential Changes in Mitochondria. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12150-12154.	8.0	105
347	Water soluble chemosensor for Ca ²⁺ based on aggregation-induced emission characteristics and its fluorescence imaging in living cells. <i>Dyes and Pigments</i> , 2018, 150, 112-120.	3.7	19
348	Graphene oxide-based NIR fluorescence probe with aggregation-induced emission property for lectins detection and liver cells targeting. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 115-126.	7.8	22
349	Solid State and Aggregation Induced Emissive Chromophores by Multi-Component Syntheses. <i>Israel Journal of Chemistry</i> , 2018, 58, 889-900.	2.3	30
350	A pH responsive fluorescent probe based on dye modified i-motif nucleic acids. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9402-9408.	2.8	7
351	Inducing the distinctly different fluorescence properties of a tetraphenylethene (TPE) derivative modified lanthanide nanowire upon the addition of a pair of cis- and trans-isomers of fatty acids. <i>Dalton Transactions</i> , 2018, 47, 16902-16908.	3.3	2
352	Lighting up alkaline phosphatase in drug-induced liver injury using a new chemiluminescence resonance energy transfer nanoprobe. <i>Chemical Communications</i> , 2018, 54, 12479-12482.	4.1	56
353	The influence of tetraphenylethylene moieties on the emissive properties of dipyrrolonaphthyridinediones. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12306-12313.	5.5	7
354	A Dynamic Heterometal-Organic Rhomboid Exhibiting Thermochromic and Piezochromic Luminescence. <i>Inorganic Chemistry</i> , 2018, 57, 14489-14492.	4.0	10
355	Construction of a Layered Hydrogen-Bonded Organic Framework Showing High-Contrast Mechanoresponsive Luminescence Turn-On. <i>Journal of Physical Chemistry C</i> , 2018, 122, 29488-29497.	3.1	16
356	Cisplatin-Loaded Polymeric Micelles with Aggregation-Induced Emission Feature for Cellular Imaging and Chemotherapy. <i>ChemistrySelect</i> , 2018, 3, 13682-13691.	1.5	4
357	Facile Synthesis of Water-Dispersed Photoluminescent Gold(I)-Alkanethiolate Nanoparticles via Aggregation-Induced Emission and Their Application in Cell Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 6641-6648.	5.0	7
358	An AIEgen-based 3D covalent organic framework for white light-emitting diodes. <i>Nature Communications</i> , 2018, 9, 5234.	12.8	293
359	Acidochromic Turn-On 2,4-Diarylpyrano[2,3-b:4'-b']indole Luminophores with Solubilizing Groups for A Broad Range of Polarity. <i>ChemistrySelect</i> , 2018, 3, 10345-10351.	1.5	4
360	A Rapid and Ultrasensitive Tetraphenylethylene-Based Probe with Aggregation-Induced Emission for Direct Detection of α -Amylase in Human Body Fluids. <i>Analytical Chemistry</i> , 2018, 90, 13775-13782.	6.5	39

#	ARTICLE	IF	CITATIONS
361	1,2,5-Triphenylpyrrole Derivatives with Dual Intense Photoluminescence in Both Solution and the Solid State: Solvatochromism and Polymorphic Luminescence Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 573-581.	3.3	39
362	Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine. <i>ACS Applied Bio Materials</i> , 2018, 1, 1768-1786.	4.6	219
363	Copper-Catalyzed Radical Cascade Cyclization To Access 3-Sulfonated Indenones with the AIE Phenomenon. <i>Journal of Organic Chemistry</i> , 2018, 83, 14419-14430.	3.2	74
364	Aggregation-Induced Dual Emission and Unusual Luminescence beyond Excimer Emission of Poly(ethylene terephthalate). <i>Macromolecules</i> , 2018, 51, 9035-9042.	4.8	73
365	Aggregation-Induced Emission-Based Fluorescence Probe for Fast and Sensitive Imaging of Formaldehyde in Living Cells. <i>ACS Omega</i> , 2018, 3, 14417-14422.	3.5	25
366	Lighting Up AIEgen Emission in Solution by Grafting onto Colloidal Nanocrystal Surfaces. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6334-6338.	4.6	5
367	Theranostics based on AIEgens. <i>Theranostics</i> , 2018, 8, 4925-4956.	10.0	143
368	In Situ Imaging of Furin Activity with a Highly Stable Probe by Releasing of Precipitating Fluorochrome. <i>Analytical Chemistry</i> , 2018, 90, 11680-11687.	6.5	35
369	Sulfonate-functionalized tetraphenylethylenes for selective detection and wash-free imaging of Gram-positive bacteria (<i>Staphylococcus aureus</i>). <i>Materials Chemistry Frontiers</i> , 2018, 2, 2091-2097.	5.9	28
370	A novel aggregation-induced-emission-active supramolecular organogel for the detection of volatile acid vapors. <i>New Journal of Chemistry</i> , 2018, 42, 17524-17532.	2.8	19
371	Manipulating and visualizing the dynamic aggregation-induced emission within a confined quartz nanopore. <i>Nature Communications</i> , 2018, 9, 3657.	12.8	49
372	Bis-Naphthalene Cleft with Aggregation-Induced Emission Properties through Lone Pair... Interactions. <i>Chemistry - A European Journal</i> , 2018, 24, 16757-16761.	3.3	11
373	Paper-based electrochemiluminescence sensor for highly sensitive detection of amyloid- β^2 oligomerization: Toward potential diagnosis of Alzheimer's disease. <i>Theranostics</i> , 2018, 8, 2289-2299.	10.0	26
374	Macrocycles and cages based on tetraphenylethylene with aggregation-induced emission effect. <i>Chemical Society Reviews</i> , 2018, 47, 7452-7476.	38.1	368
375	Mechanofluorochromism of D-A typed phenothiazine derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 361, 112-116.	3.9	13
376	Coordinate bonding-induced emission of gold-glutathione complex for sensitive detection of aluminum species. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 1-7.	7.8	9
377	Aggregation-Induced Emission of Multiphenyl-Substituted 1,3-Butadiene Derivatives: Synthesis, Properties and Application. <i>Chemistry - A European Journal</i> , 2018, 24, 15965-15977.	3.3	30
378	No aggregation-induced-emission but quenching of phosphorescence for an iridium complex with a 2,2-diphenylvinyl motif: a joint experimental and theoretical study. <i>Dalton Transactions</i> , 2018, 47, 8023-8031.	3.3	7

#	ARTICLE	IF	CITATIONS
379	Endoplasmic Reticulum-Targeted Fluorescent Nanodot with Large Stokes Shift for Vesicular Transport Monitoring and Long-Term Bioimaging. <i>Small</i> , 2018, 14, e1800223.	10.0	28
380	The unusual aggregation-induced emission of coplanar organoboron isomers and their lipid droplet-specific applications. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1498-1507.	5.9	61
381	Photoswitchable AIE nanoprobe for lysosomal hydrogen sulfide detection and reversible dual-color imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 340-347.	7.8	66
382	Supramolecular Analytical Chemistry in Cancer Research. <i>Advances in Cancer Research</i> , 2018, 139, 147-161.	5.0	1
383	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. <i>Analytical Chemistry</i> , 2018, 90, 9060-9067.	6.5	87
384	Highly efficient luminescent side-chain polymers with short-spacer attached tetraphenylethylene AIEgens via RAFT polymerization capable of naked eye explosive detection. <i>Polymer Chemistry</i> , 2018, 9, 4150-4160.	3.9	32
385	A dual pH-responsive supramolecular gelator with aggregation-induced emission properties. <i>Soft Matter</i> , 2018, 14, 6166-6170.	2.7	32
386	The Influence of Molecular Packing on the Emissive Behavior of Pyrene Derivatives: Mechanoluminescence and Mechanochromism. <i>Advanced Optical Materials</i> , 2018, 6, 1800198.	7.3	125
387	Fluorescence sensing telomerase activity: From extracellular detection to in situ imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 853-861.	7.8	22
388	Water-Soluble Biocompatible Copolymer Hypromellose Grafted Chitosan Able to Load Exogenous Agents and Copper Nanoclusters with Aggregation-Induced Emission. <i>Advanced Functional Materials</i> , 2018, 28, 1802848.	14.9	48
389	AIE-active self-assemblies from a catalyst-free thiol-yne click reaction and their utilization for biological imaging. <i>Materials Science and Engineering C</i> , 2018, 92, 61-68.	7.3	15
390	Aggregation-induced emission luminogen-based fluorescence detection of hypoxanthine: a probe for biomedical diagnosis of energy metabolism-related conditions. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4575-4578.	5.8	15
391	High-performance electrofluorochromic devices based on aromatic polyamides with AIE-active tetraphenylethylene and electro-active triphenylamine moieties. <i>Polymer Chemistry</i> , 2018, 9, 4364-4373.	3.9	57
392	Preparation of Cyano-Substituted Tetraphenylethylene Derivatives and Their Applications in Solution-Processable OLEDs. <i>Molecules</i> , 2018, 23, 190.	3.8	5
393	Improved pharmaceutical research and development with AIE-based nanostructures. <i>Materials Horizons</i> , 2018, 5, 799-812.	12.2	20
394	A triphenylamine-functionalized fluorescent organic polymer as a turn-on fluorescent sensor for Fe ³⁺ ion with high sensitivity and selectivity. <i>Journal of Materials Science</i> , 2018, 53, 15746-15756.	3.7	19
395	Morphology Tuning of Aggregation-Induced Emission Probes by Flash Nanoprecipitation: Shape and Size Effects on in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25186-25193.	8.0	50
396	A fluorescence and UV/vis absorption dual-signaling probe with aggregation-induced emission characteristics for specific detection of cysteine. <i>RSC Advances</i> , 2018, 8, 24346-24354.	3.6	26

#	ARTICLE	IF	CITATIONS
397	Fabrication of fluorescent biosensing platform based on graphene oxide-DNA and their application in biomolecule detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 106, 53-61.	11.4	27
398	Luminescent columnar liquid crystals based on AIE tetraphenylethylene with hydrazone groups bearing multiple alkyl chains. <i>Dyes and Pigments</i> , 2018, 159, 533-541.	3.7	33
399	Using Aggregation-Induced Emission to Understand Dipeptide Gels. <i>Gels</i> , 2018, 4, 17.	4.5	13
400	Reaction-based AIE-active Fluorescent Probes for Selective Detection and Imaging. <i>Israel Journal of Chemistry</i> , 2018, 58, 845-859.	2.3	33
401	pH-Responsive dye with dual-state emission in both visible and near infrared regions. <i>Science China Chemistry</i> , 2018, 61, 863-870.	8.2	15
402	Coordinating Self-Assembly of Copper Perylenetetracarboxylate Nanorods: Selectively Lighting up Normal Cells around Cancerous Ones for Better Cancer Diagnosis. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17630-17638.	8.0	8
403	A multifunctional luminogen with aggregation-induced emission characteristics for selective imaging and photodynamic killing of both cancer cells and Gram-positive bacteria. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3894-3903.	5.8	60
404	Hydrophobicity-guided self-assembled particles of silver nanoclusters with aggregation-induced emission and their use in sensing and bioimaging. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3927-3933.	5.8	49
405	Redox-Active AIEgen-Derived Plasmonic and Fluorescent Core@Shell Nanoparticles for Multimodality Bioimaging. <i>Journal of the American Chemical Society</i> , 2018, 140, 6904-6911.	13.7	112
406	AIE-active bis-cyanostilbene-based organogels for quantitative fluorescence sensing of CO ₂ based on molecular recognition principles. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9232-9237.	5.5	38
407	Supramolecular Assemblies with Near-Infrared Emission Mediated in Two Stages by Cucurbituril and Amphiphilic Calixarene for Lysosome-Targeted Cell Imaging. <i>Angewandte Chemie</i> , 2018, 130, 12699-12703.	2.0	24
408	Aggregation-Induced Emission in Organic Nanoparticles: Properties and Applications: a Review. <i>Theoretical and Experimental Chemistry</i> , 2018, 54, 147-177.	0.8	10
409	Supramolecular Assemblies with Near-Infrared Emission Mediated in Two Stages by Cucurbituril and Amphiphilic Calixarene for Lysosome-Targeted Cell Imaging. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12519-12523.	13.8	125
410	Self-Assembled Fluorescent Organic Nanomaterials for Biomedical Imaging. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800344.	7.6	37
411	Manipulating Aggregation-Induced Emission with Supramolecular Macrocycles. <i>Advanced Optical Materials</i> , 2018, 6, 1800668.	7.3	105
412	Ultrasensitive Virion Immunoassay Platform with Dual-Modality Based on a Multifunctional Aggregation-Induced Emission Luminogen. <i>ACS Nano</i> , 2018, 12, 9549-9557.	14.6	87
413	Switchable single fluorescent polymeric nanoparticles for stable white-light generation. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9897-9902.	5.5	21
414	Highly Efficient Photosensitizers with Far-Red/Near-Infrared Aggregation-Induced Emission for In Vitro and In Vivo Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, e1802105.	21.0	266

#	ARTICLE	IF	CITATIONS
415	Aggregation-Induced Emission Luminogen-Functionalized Liquid Crystal Elastomer Soft Actuators. <i>Macromolecules</i> , 2018, 51, 4516-4524.	4.8	54
416	Design and synthesis of an AIE-active fluorogen with red emission and its biological application. <i>Chemical Papers</i> , 2018, 72, 2813-2819.	2.2	3
417	Intracellular Self-Assembly of Nanoprobes for Molecular Imaging. <i>Advanced Biology</i> , 2018, 2, 1800108.	3.0	35
418	Near-room-temperature phase-change fluorescent molecular rotor and its hybrids. <i>Journal of Molecular Liquids</i> , 2018, 265, 260-268.	4.9	5
419	Reversible Switching between Phosphorescence and Fluorescence in a Unimolecular System Controlled by External Stimuli. <i>Chemistry - A European Journal</i> , 2018, 24, 12773-12778.	3.3	33
420	Aggregation-induced ratiometric emission and mechanochromic luminescence in a pyrene-benzohydrazonate conjugate. <i>New Journal of Chemistry</i> , 2018, 42, 12644-12648.	2.8	22
421	Fluorescent chemosensing for aromatic compounds by a supramolecular complex composed of tin(IV) porphyrin, viologen, and cucurbit[8]uril. <i>Chemical Communications</i> , 2019, 55, 10575-10578.	4.1	26
422	Simple fluorene oxadiazole-based Ir(III) complexes with AIPE properties: synthesis, explosive detection and electroluminescence studies. <i>Dalton Transactions</i> , 2019, 48, 13305-13314.	3.3	14
423	Novel natural myricetin with AIE and ESIPT characteristics for selective detection and imaging of superoxide anions <i>in vitro</i> and <i>in vivo</i> . <i>Chemical Communications</i> , 2019, 55, 10912-10915.	4.1	72
424	Anion-Capture-Induced Fluorescence Enhancement of Bis(cyanostyryl)pyrrole Based on Restricted Access to a Conical Intersection. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1807-1815.	3.2	8
425	Aggregation-Induced Emission Luminogens for Activity-Based Sensing. <i>Accounts of Chemical Research</i> , 2019, 52, 2559-2570.	15.6	343
426	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
427	Recent progress in metal-organic frameworks-based hydrogels and aerogels and their applications. <i>Coordination Chemistry Reviews</i> , 2019, 398, 213016.	18.8	414
428	Aggregation-induced emission of azines: An up-to-date review. <i>Journal of Molecular Liquids</i> , 2019, 292, 111371.	4.9	37
429	A novel fluorescent sensor for Sn ⁴⁺ detection: Dark resonance energy transfer from silole to rhodamine. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5067.	3.5	7
430	A novel supramolecular AIE "gel" for fluorescence detection and separation of metal ions from aqueous solution. <i>Soft Matter</i> , 2019, 15, 6530-6535.	2.7	7
431	A water-soluble molecular probe with aggregation-induced emission for discriminative detection of Al ³⁺ and Pb ²⁺ and imaging in seedling root of Arabidopsis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117335.	3.9	17
432	<i>In vitro</i> anticancer activity of AIEgens. <i>Biomaterials Science</i> , 2019, 7, 3855-3865.	5.4	10

#	ARTICLE	IF	CITATIONS
433	Recent Advances in Aggregation-Induced Electrochemiluminescence. <i>Chemistry - A European Journal</i> , 2019, 25, 12671-12683.	3.3	80
434	Liposomal formulations of photosensitizers. <i>Biomaterials</i> , 2019, 218, 119341.	11.4	100
435	Helical Sulfono- β -AApeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2019, 141, 12697-12706.	13.7	106
436	Star-Shaped ES IPT-Active Mechanoresponsive Luminescent AIEgen and Its On-Off-On Emissive Response to Cu ²⁺ /S ²⁻ . <i>ACS Omega</i> , 2019, 4, 12459-12469.	3.5	43
437	Specific and Quantitative Detection of Albumin in Biological Fluids by Tetrazolate-Functionalized Water-Soluble AIEgens. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29619-29629.	8.0	44
438	Recent Advances in Aggregation-Induced Emission Chemosensors for Anion Sensing. <i>Molecules</i> , 2019, 24, 2711.	3.8	65
439	A novel AIE-based supramolecular polymer gel serves as an ultrasensitive detection and efficient separation material for multiple heavy metal ions. <i>Soft Matter</i> , 2019, 15, 6878-6884.	2.7	22
440	Polymerization of phenylacetylenes by binuclear rhodium catalysts with different para-binucleating phenoxyiminato linkages. <i>Polymer Chemistry</i> , 2019, 10, 4163-4172.	3.9	4
442	A phenanthro[9,10-d]imidazole-based AIE active fluorescence probe for sequential detection of Ag ⁺ /AgNPs and SCN ⁻ in water and saliva samples and its application in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117333.	3.9	14
443	Aggregation Promotes Excited-State Intramolecular Proton Transfer for Benzothiazole-Substituted Tetraphenylethylene Compound. <i>ACS Applied Bio Materials</i> , 2019, 2, 5182-5189.	4.6	47
444	Copper-Catalyzed Cyclization of Aryl Amines and Aryldiazonium Salts under Air: Access to 2-Aryl-Naphthotriazoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5149-5159.	4.3	12
445	Rational Design of Dual-State Emission Luminogens with Solvatochromism by Combining a Partially Shared Donor-Acceptor Pattern and Twisted Structures. <i>Chemistry - A European Journal</i> , 2019, 25, 15983-15987.	3.3	56
446	Sensitive Fluorescence Detection of Phthalates by Suppressing the Intramolecular Motion of Nitrophenyl Groups in Porous Crystalline Ribbons. <i>Analytical Chemistry</i> , 2019, 91, 13355-13359.	6.5	18
448	Aggregation-Induced Emission Properties of Copper Iodide Clusters. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3166-3172.	3.3	17
449	One- and Two-Component Organogels Containing Cyanostilbene without any Auxiliary Substituents. <i>ChemPlusChem</i> , 2019, 84, 1789-1795.	2.8	10
450	Fabrication of Orange-Emitting Organic Nanoparticle-Protamine Conjugate: Fluorimetric Sensor of Heparin. <i>Langmuir</i> , 2019, 35, 15180-15191.	3.5	16
451	Aggregation-Induced Emission of Nitrogen-Bridged Naphthalene Monoimide Dimers. <i>Organic Letters</i> , 2019, 21, 9516-9520.	4.6	35
452	Aggregation-Induced Dual-Phosphorescence from Organic Molecules for Nondoped Light-Emitting Diodes. <i>Advanced Materials</i> , 2019, 31, e1904273.	21.0	177

#	ARTICLE	IF	CITATIONS
453	AlEgens Barcodes Combined with AlEgens Nanobeads for High-sensitivity Multiplexed Detection. <i>Theranostics</i> , 2019, 9, 7210-7221.	10.0	16
454	Simple Aggregation-Induced Emission-Based Multifunctional Fluorescent Dots for Cancer Therapy In Vitro. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4160-4163.	3.3	2
455	A fluorescent light-up probe for specific detection of Al ³⁺ with aggregation-induced emission characteristic and self-assembly behavior. <i>Journal of Luminescence</i> , 2019, 208, 302-306.	3.1	14
456	Synthesis and environment-dependent fluorescence behavior of a biaryl-conjugated (diphenylmethylene)imidazolinone. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8443-8449.	2.8	2
457	Self-assembly of emissive metallocycles with tetraphenylethylene, BODIPY and terpyridine in one system. <i>Supramolecular Chemistry</i> , 2019, 31, 597-605.	1.2	8
458	Conformational sensitivity of tetraphenyl-1,3-butadiene derivatives with aggregation-induced emission characteristics. <i>Science China Chemistry</i> , 2019, 62, 1393-1397.	8.2	16
459	Aggregation-induced emission of transition metal compounds: Design, mechanistic insights, and applications. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2019, 41, 100317.	11.6	85
460	Tetraphenylethylene@Graphene Oxide with Switchable Fluorescence Triggered by Mixed Solvents for the Application of Repeated Information Encryption and Decryption. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35255-35263.	8.0	21
461	Synthesis and Aggregation Studies of a Pyridothiazole-Based AIEE Probe and Its Application in Sensing Amyloid Fibrillation. <i>ACS Applied Bio Materials</i> , 2019, 2, 4442-4455.	4.6	31
462	A light-up near-infrared probe with aggregation-induced emission characteristics for highly sensitive detection of alkaline phosphatase. <i>Analyst</i> , 2019, 144, 6262-6269.	3.5	24
463	Synthesis of PEGylated Salicylaldehyde Azine via Metal-free Click Chemistry for Cellular Imaging Applications. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 929-936.	2.6	1
464	Environment-Sensitive Azepane-Substituted 1,2-Diketones and Difluoroboron Complexes with Restricted C-C Bond Rotation. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23124-23130.	3.1	5
465	Adjusting Emission Wavelength by Tuning the Intermolecular Distance in Charge-Regulated Supramolecular Assemblies. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23280-23286.	3.1	9
466	Evaluation of Structure-Function Relationships of Aggregation-Induced Emission Luminogens for Simultaneous Dual Applications of Specific Discrimination and Efficient Photodynamic Killing of Gram-Positive Bacteria. <i>Journal of the American Chemical Society</i> , 2019, 141, 16781-16789.	13.7	295
467	A multifunctional quinoxalin-based AIEgen used for fluorescent thermo-sensing and image-guided photodynamic therapy. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127139.	7.8	27
468	Aggregation-Induced Energy Transfer in Color-Tunable Multiblock Bottlebrush Nanofibers. <i>Journal of the American Chemical Society</i> , 2019, 141, 16422-16431.	13.7	45
469	AIEgen bioconjugates for specific detection of disease-related protein biomarkers. <i>Materials Chemistry Frontiers</i> , 2019, 3, 12-24.	5.9	55
470	Real time bioimaging for mitochondria by taking the aggregation process of aggregation-induced emission near-infrared dyes with wash-free staining. <i>Materials Chemistry Frontiers</i> , 2019, 3, 57-63.	5.9	33

#	ARTICLE	IF	CITATIONS
471	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
472	Interfacial Synthesis of Conjugated Crystalline 2D Fluorescent Polymer Film Containing Aggregation-Induced Emission Unit. <i>Small</i> , 2019, 15, e1804519.	10.0	19
473	Tumor targeting with DGEA peptide ligands: a new aromatic peptide amphiphile for imaging cancers. <i>Chemical Communications</i> , 2019, 55, 1060-1063.	4.1	22
474	A diphenylacrylonitrile conjugated porphyrin with near-infrared emission by AIE-FRET. <i>New Journal of Chemistry</i> , 2019, 43, 3317-3322.	2.8	11
475	An integrated-molecular-beacon based multiple exponential strand displacement amplification strategy for ultrasensitive detection of DNA methyltransferase activity. <i>Chemical Science</i> , 2019, 10, 2290-2297.	7.4	54
476	Solvent-Dependent Nanostructures Based on Active π -Aggregation Induced Emission Enhancement of New Carbazole Derivatives of Triphenylacrylonitrile. <i>Chemistry - A European Journal</i> , 2019, 25, 4856-4863.	3.3	15
477	Di-styrylanthracenes as established AIEgens: Can Di-anthracylethenes be AIE-active?. <i>Journal of Luminescence</i> , 2019, 209, 188-196.	3.1	6
478	Naphthalimide-arylamine derivatives with aggregation induced delayed fluorescence for realizing efficient green to red electroluminescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2886-2897.	5.5	35
479	Saponin-Based Near-Infrared Nanoparticles with Aggregation-Induced Emission Behavior: Enhancing Cell Compatibility and Permeability. <i>ACS Applied Bio Materials</i> , 2019, 2, 943-951.	4.6	20
480	Iridium-Catalyzed Asymmetric Hydroarylation of Chromene Derivatives with Aromatic Ketones: Enantioselective Synthesis of 2-arylchromanes . <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2124-2128.	4.3	25
481	Core-Shell Structured Cyclodextrin Metal-Organic Frameworks with Hierarchical Dye Encapsulation for Tunable Light Emission. <i>Chemistry of Materials</i> , 2019, 31, 1289-1295.	6.7	90
482	Coordination-induced structural changes of DNA-based optical and electrochemical sensors for metal ions detection. <i>Dalton Transactions</i> , 2019, 48, 5879-5891.	3.3	16
483	Luminescent cyclic trinuclear coinage metal complexes with aggregation-induced emission (AIE) performance. <i>Dalton Transactions</i> , 2019, 48, 2275-2279.	3.3	17
484	Glycosylated naphthalimides and naphthalimide Tröger's bases as fluorescent aggregation probes for Con A. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2116-2125.	2.8	21
485	An α -naphthalimide-based multistimuli-responsive aggregation-induced emission (AIE) system. <i>Materials Chemistry Frontiers</i> , 2019, 3, 50-56.	5.9	59
486	An enzyme-activatable probe liberating AIEgens: on-site sensing and long-term tracking of β -galactosidase in ovarian cancer cells. <i>Chemical Science</i> , 2019, 10, 398-405.	7.4	146
487	Near-Infrared Aggregation-Induced Emission-Active Probe Enables in situ and Long-Term Tracking of Endogenous β -Galactosidase Activity. <i>Frontiers in Chemistry</i> , 2019, 7, 291.	3.6	46
488	Synthesis, crystal structure, photoluminescence, and electroluminescence properties of a new compound containing diphenylmethyle, carbazole, and malononitrile units. <i>Journal of Materials Research</i> , 2019, 34, 3000-3010.	2.6	1

#	ARTICLE	IF	CITATIONS
489	Crystal structure of 2,3-diphenyl-5,6-bis(4-methoxyphenyl)pyrazine, C ₃₀ H ₂₄ N ₂ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 317-319.	0.3	0
490	Two-channel responsive fluorescent probe of meso carboxylate of BODIPY with AIE characteristics for fast detection of palladium. Dyes and Pigments, 2019, 170, 107656.	3.7	19
491	An AIE active pyrene based fluorescent probe for selective sensing Hg ²⁺ and imaging in live cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 223, 117315.	3.9	40
492	Structure, Assembly, and Function of (Latent)-Chiral AIEgens. , 2019, 1, 192-202.		70
493	An unusual AIE fluorescent sensor for sequentially detecting Co ²⁺ -Hg ²⁺ -Cu ²⁺ based on diphenylacrylonitrile Schiff-base derivative. Dyes and Pigments, 2019, 170, 107590.	3.7	55
494	Fluorometric detection of sulfate-reducing bacteria via the aggregation-induced emission of glutathione-gold(I) complexes. Mikrochimica Acta, 2019, 186, 382.	5.0	12
495	Conformational Selection in Anion Recognition: cGMP-Selective Binding by a Naphthalimide-Functionalized Amido-Amine Macrocycle. Journal of Organic Chemistry, 2019, 84, 9034-9043.	3.2	14
496	Ratiometric Detection of Mitochondrial Thiol with a Two-Photon Active AIEgen. ACS Applied Bio Materials, 2019, 2, 3120-3127.	4.6	26
497	AIE-based theranostic systems for detection and killing of pathogens. Theranostics, 2019, 9, 3223-3248.	10.0	116
498	Substituent-Induced Aggregated State Electrochemiluminescence of Tetraphenylethene Derivatives. Analytical Chemistry, 2019, 91, 8676-8682.	6.5	67
499	Aggregation-Induced Emission of Triphenyl-Substituted Tristyrylbenzenes. Chemistry - A European Journal, 2019, 25, 11218-11222.	3.3	10
500	A molecular design strategy toward enzyme-activated probes with near-infrared I and II fluorescence for targeted cancer imaging. Chemical Science, 2019, 10, 7222-7227.	7.4	123
501	Label-free fluorescent aptasensing of mycotoxins via aggregation-induced emission dye. Dyes and Pigments, 2019, 170, 107572.	3.7	23
502	Novel turn-on fluorescent biosensors for selective detection of cellular Fe ³⁺ in lysosomes: Thiophene as a selectivity-tuning handle for Fe ³⁺ sensors. Dyes and Pigments, 2019, 169, 51-59.	3.7	26
503	Synthesis, Characterization, and Properties of Tetraphenylethylene-Based Tetrakis-NHC Ligands and Their Metal Complexes. Chemistry - A European Journal, 2019, 25, 9764-9770.	3.3	21
504	A novel homolateral and dicationic AIEgen for the sensitive detection of casein. Analyst, The, 2019, 144, 3635-3642.	3.5	7
505	Modulation of Thermally Activated Delayed Fluorescence in Waterborne Polyurethanes via Charge-Transfer Effect. Chemistry - an Asian Journal, 2019, 14, 2302-2308.	3.3	0
506	Alkynylboration Reaction Leading to Boron-Containing <i>cis</i> -Stilbenes as a Highly Tunable Fluorophore. Organic Letters, 2019, 21, 3392-3395.	4.6	24

#	ARTICLE	IF	CITATIONS
507	Enhanced Aggregability of AIE-Based Probe through H ₂ S-Selective Triggered Dimerization and Its Applications to Biological Systems. ACS Omega, 2019, 4, 7176-7181.	3.5	17
508	Fabrication of a water-stable luminescent MOF with an open Lewis basic triazolyl group for the high-performance sensing of acetone and Fe ³⁺ ions. Journal of Materials Science, 2019, 54, 10644-10655.	3.7	40
509	Tuning alkynyl-extended 9,10-dihydroanthracene-based systems into aggregation-induced emission (AIE) luminophores. New Journal of Chemistry, 2019, 43, 8325-8331.	2.8	1
510	Visualizing peroxynitrite fluxes in myocardial cells using a new fluorescent probe reveals the protective effect of estrogen. Chemical Communications, 2019, 55, 6719-6722.	4.1	18
511	Emulsion and miniemulsion techniques in preparation of polymer nanoparticles with versatile characteristics. Advances in Colloid and Interface Science, 2019, 269, 152-186.	14.7	68
512	Light-Activatable Prodrug and AIEgen Copolymer Nanoparticle for Dual-Drug Monitoring and Combination Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18691-18700.	8.0	54
513	N-Arylated bisferrocene pyrazole for the dual-mode detection of hydrogen peroxide: an AIE-active fluorescent "ON/OFF" and electrochemical non-enzymatic sensor. New Journal of Chemistry, 2019, 43, 8539-8550.	2.8	16
514	Fluorescent functionalized graphene oxide for selective labeling of tumor cells. Journal of Biomedical Materials Research - Part A, 2019, 107, 1917-1924.	4.0	11
515	A multifunctional AIEgen with high cell-penetrating ability for intracellular fluorescence assays, imaging and drug delivery. Materials Chemistry Frontiers, 2019, 3, 1151-1158.	5.9	13
516	Aggregation-Induced Emission and Light-Harvesting Function of Tetraphenylethene-Based Tetracationic Dicyclopentadiene. Journal of the American Chemical Society, 2019, 141, 8412-8415.	13.7	155
517	An Aggregation-Induced Emission-Based Indirect Competitive Immunoassay for Fluorescence "Turn-On" Detection of Drug Residues in Foodstuffs. Frontiers in Chemistry, 2019, 7, 228.	3.6	19
518	Crystal structures and luminescence properties of a "A" type CIEgen and its Zn(II) complexes. CrystEngComm, 2019, 21, 3322-3329.	2.6	2
519	Access to Multifunctional AEEgens via Ru(II)-Catalyzed Quinoxaline-Directed Oxidative Annulation. ACS Omega, 2019, 4, 5565-5577.	3.5	24
520	Selective red-emission detection for mercuric ions in aqueous solution and cells using a fluorescent probe based on an unnatural peptide receptor. Organic and Biomolecular Chemistry, 2019, 17, 3590-3598.	2.8	15
521	A review on graphene-based nanocomposites for electrochemical and fluorescent biosensors. RSC Advances, 2019, 9, 8778-8881.	3.6	546
522	Mechanisms of fluorescence quenching in prototypical aggregation-induced emission systems: excited state dynamics with TD-DFTB. Physical Chemistry Chemical Physics, 2019, 21, 9026-9035.	2.8	28
523	An AIE-active theranostic probe for light-up detection of A β aggregates and protection of neuronal cells. Journal of Materials Chemistry B, 2019, 7, 2434-2441.	5.8	36
524	Rational design and synthesis of yellow-light emitting triazole fluorophores with AIE and mechanochromic properties. Chemical Communications, 2019, 55, 4603-4606.	4.1	30

#	ARTICLE	IF	CITATIONS
525	A water-soluble AIE-gen for organic-solvent-free detection and wash-free imaging of Al ³⁺ ions and subsequent sensing of F ⁺ ions and DNA tracking. <i>New Journal of Chemistry</i> , 2019, 43, 5219-5227.	2.8	31
526	Fluorescent thermometer based on a quinolinemalononitrile copolymer with aggregation-induced emission characteristics. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1503-1509.	5.9	21
527	Positional Variation of Monopyridyl-N in Unsymmetrical Anthracenyl π -Conjugates: Difference between Solution- and Aggregate-State Emission Behavior. <i>ACS Omega</i> , 2019, 4, 5052-5063.	3.5	15
528	Discovery of Turn-On Fluorescent Probes for Detecting Bcl-2 Protein. <i>Analytical Chemistry</i> , 2019, 91, 5722-5728.	6.5	14
529	Autofluorescence of hydrogels without a fluorophore. <i>Soft Matter</i> , 2019, 15, 3588-3594.	2.7	25
530	Nanoscale vesicles assembled from non-planar cyclic molecules for efficient cell penetration. <i>Biomaterials Science</i> , 2019, 7, 2552-2558.	5.4	20
531	Aggregation induced emission enhancement (AIEE) of tripodal pyrazole derivatives for sensing of nitroaromatics and vapor phase detection of picric acid. <i>New Journal of Chemistry</i> , 2019, 43, 7251-7258.	2.8	23
532	A Solid-State-Emissive 1,8-Naphthalimide Probe Based on Photoinduced Electron Transfer and Aggregation-Induced Emission. <i>ChemistrySelect</i> , 2019, 4, 4163-4167.	1.5	12
533	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
534	Tetraphenyethylene-Fused Coumarin Compound Showing Highly Switchable Solid-State Luminescence. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6197-6204.	3.1	18
535	Advances in Light-Emitting Dendrimers. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800711.	3.9	33
536	Facile synthesis of AIEgens with wide color tunability for cellular imaging and therapy. <i>Chemical Science</i> , 2019, 10, 3494-3501.	7.4	112
537	Ring Size Effects on Multi-Stimuli Responsive Luminescent Properties of Cyclic Amine Substituted β -Diketones and Difluoroboron Complexes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1849-1859.	3.3	15
538	Aggregation-Induced Ultraviolet Emission Enhancement and the Electroluminescence Based on New Phenanthrene Derivatives. <i>ChemistrySelect</i> , 2019, 4, 2044-2052.	1.5	8
539	AIEgens-lightened Functional Polymers: Synthesis, Properties and Applications. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 302-326.	3.8	44
540	Fast and highly selective detection of acetaldehyde in liquor and spirits by forming aggregation-induced emission luminogen. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 617-624.	7.8	21
541	Tetraphenylethene-Functionalized Polyethylene-Based Polymers with Aggregation-Induced Emission. <i>Macromolecules</i> , 2019, 52, 1955-1964.	4.8	38
542	Enhanced fluorescence quantum yield of syndiotactic side-chain TPE polymers via Rh-catalyzed carbene polymerization: influence of the substitution density and spacer length. <i>Polymer Chemistry</i> , 2019, 10, 1575-1584.	3.9	16

#	ARTICLE	IF	CITATIONS
543	Precisely Defined Conjugated Oligoelectrolytes for Biosensing and Therapeutics. <i>Advanced Materials</i> , 2019, 31, e1806701.	21.0	57
544	High-Fidelity Trapping of Spatial-Temporal Mitochondria with Rational Design of Aggregation-Induced Emission Probes. <i>Advanced Functional Materials</i> , 2019, 29, 1808153.	14.9	73
545	Multifunctional Magnetic-Fluorescent Nanoparticle: Fabrication, Bioimaging, and Potential Antibacterial Applications. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6779-6793.	5.2	20
546	Halogenated tetraphenylethene with enhanced aggregation-induced emission: an anomalous anti-heavy-atom effect and self-reversible mechanochromism. <i>Chemical Communications</i> , 2019, 55, 14938-14941.	4.1	55
547	Robust organic nanoparticles for noninvasive long-term fluorescence imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6879-6889.	5.8	12
548	Ultrafast labeling and high-fidelity imaging of mitochondria in cancer cells using an aggregation-enhanced emission fluorescent probe. <i>Chemical Communications</i> , 2019, 55, 14681-14684.	4.1	11
549	Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. <i>Chemical Communications</i> , 2019, 55, 15097-15100.	4.1	31
550	A first porphyrin liquid crystal with strong fluorescence in both solution and aggregated states based on the AIE-FRET effect. <i>Soft Matter</i> , 2019, 15, 8329-8337.	2.7	24
551	Non-Typical Fluorescence Effects and Biological Activity in Selected 1,3,4-thiadiazole Derivatives: Spectroscopic and Theoretical Studies on Substituent, Molecular Aggregation, and pH Effects. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5494.	4.1	15
552	Aggregation-Induced Emission: A Tool for Sensitive Detection of Amines. <i>ChemistrySelect</i> , 2019, 4, 12848-12860.	1.5	23
553	Triarylamine-Bonded Binaphthyl Derivatives as Fluorescence Quenching Probes for Fe ³⁺ : An Insight into the Mechanism Based on A Single Binding Site. <i>ChemistrySelect</i> , 2019, 4, 13490-13495.	1.5	2
554	Aggregation tailored emission of a benzothiazole based derivative: photostable turn on bioimaging. <i>RSC Advances</i> , 2019, 9, 39970-39975.	3.6	16
555	Fine tuning of pyridinium-functionalized dibenzo[<i>a,c</i>]phenazine near-infrared AIE fluorescent biosensors for the detection of lipopolysaccharide, bacterial imaging and photodynamic antibacterial therapy. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12509-12517.	5.5	37
556	Fabrication and biological imaging of hydrazine hydrate cross-linked AIE-active fluorescent polymeric nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 94, 310-317.	7.3	14
557	A facile surface modification strategy for fabrication of fluorescent silica nanoparticles with the aggregation-induced emission dye through surface-initiated cationic ring opening polymerization. <i>Materials Science and Engineering C</i> , 2019, 94, 270-278.	7.3	90
558	Enhancement of the excited-state intramolecular proton transfer process to produce all-powerful DSE molecules for bridging the gap between ACQ and AIE. <i>Dyes and Pigments</i> , 2019, 160, 839-847.	3.7	29
559	Selective Fluorescence Turn-On Sensing of Phosphate Anion in Water by Tetraphenylethylene Dimethylformamidinium. <i>Chemistry - an Asian Journal</i> , 2019, 14, 760-764.	3.3	19
560	An AIEgen-based fluorescent probe for highly selective and specific imaging of lipid droplets in L02 and HepG2 cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 545-552.	7.8	35

#	ARTICLE	IF	CITATIONS
561	Fluorogenic Detection and Characterization of Proteins by Aggregation-Induced Emission Methods. Chemistry - A European Journal, 2019, 25, 5824-5847.	3.3	66
562	Fluorescence Behavior of Bis(cyanostyryl)pyrrole Derivatives Depending on the Substituent Position of Cyano Groups in Solution and in Solid State. Journal of Organic Chemistry, 2019, 84, 1192-1200.	3.2	24
563	Engineering Sensor Arrays Using Aggregation-Induced Emission Luminogens for Pathogen Identification. Advanced Functional Materials, 2019, 29, 1805986.	14.9	122
564	Molecular Design, Circularly Polarized Luminescence, and Helical Self-Assembly of Chiral Aggregation-Induced Emission Molecules. Chemistry - an Asian Journal, 2019, 14, 674-688.	3.3	73
565	Ratiometric fluorescent sensing of endogenous hypochlorous acid in lysosomes using AIE-based polymeric nanoprobe. Sensors and Actuators B: Chemical, 2019, 282, 1-8.	7.8	45
566	Recent Advances and Progress for the Fabrication and Surface Modification of AIE-active Organic-inorganic Luminescent Composites. Chinese Journal of Polymer Science (English Edition), 2019, 37, 340-351.	3.8	15
567	Attaching tweezers like ionophore to a proton crane: theoretical design of new tautomeric sensors. Molecular Physics, 2019, 117, 1613-1620.	1.7	3
568	Enhancement strategies of targetability, response and photostability for in vivo bioimaging. Science China Chemistry, 2019, 62, 189-198.	8.2	38
569	Pyrophosphate Prompted Aggregation-Induced Emission: Chemosensor Studies, Cell Imaging, Cytotoxicity, and Hydrolysis of the Phosphoester Bond with Alkaline Phosphatase. European Journal of Inorganic Chemistry, 2019, 2019, 628-638.	2.0	6
570	Recent advances and progress of fluorescent bio-/chemosensors based on aggregation-induced emission molecules. Dyes and Pigments, 2019, 162, 611-623.	3.7	166
571	Self-carried AIE nanoparticles for in vitro non-invasive long-term imaging. Chinese Chemical Letters, 2019, 30, 1078-1082.	9.0	19
572	Seeing the fate and mechanism of stem cells in treatment of ionizing radiation-induced injury using highly near-infrared emissive AIE dots. Biomaterials, 2019, 188, 107-117.	11.4	22
573	Mechanoluminescence Materials with the Characteristic of Aggregation-Induced Emission (AIE)., 2019, , 141-162.		4
574	A signal amplification system constructed by bi-enzymes and bi-nanospheres for sensitive detection of norepinephrine and miRNA. Biosensors and Bioelectronics, 2019, 124-125, 224-232.	10.1	21
575	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. ACS Nano, 2019, 13, 839-846.	14.6	77
576	AIEgen Nanoparticles of Arylamino Fumaronitrile Derivative with High Near-Infrared Emission for Two-Photon Imaging and in Vivo Cell Tracking. ACS Applied Bio Materials, 2019, 2, 430-436.	4.6	7
577	Redox-Responsive Fluorescent Nanoparticles Based on Diselenide-containing AIEgens for Cell Imaging and Selective Cancer Therapy. Chemistry - an Asian Journal, 2019, 14, 1745-1753.	3.3	16
578	An AEE-active probe combined with cyanoacrylate fuming for a high resolution fingerprint optical detection. Sensors and Actuators B: Chemical, 2019, 283, 99-106.	7.8	14

#	ARTICLE	IF	CITATIONS
579	Two-photon AIE based fluorescent probe with large stokes shift for selective and sensitive detection and visualization of hypochlorite. <i>Sensors and Actuators B: Chemical</i> , 2019, 278, 73-81.	7.8	55
580	The Marriage of Aggregation-Induced Emission with Polymer Science. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800568.	3.9	82
581	A ratiometric detection of heparin with high sensitivity based on aggregation-enhanced emission of gold nanoclusters triggered by silicon nanoparticles. <i>Talanta</i> , 2019, 193, 37-43.	5.5	14
582	A new approach to developing diagnostics and therapeutics: Aggregation-Induced emission-based fluorescence turn-on. <i>Medicinal Research Reviews</i> , 2020, 40, 27-53.	10.5	25
583	Bioinspired non-aromatic compounds emitters displaying aggregation independent emission and recoverable photo-bleaching. <i>Talanta</i> , 2020, 206, 120232.	5.5	13
584	Precise control for the aggregation and deaggregation with the aid of a tetraphenylethylene derivative: Luminescence modulation and sensing performance. <i>Dyes and Pigments</i> , 2020, 172, 107844.	3.7	24
585	A Rapid -off-on-copper-induced AIE active sensor for fluorimetric detection of cysteine. <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127214.	7.8	27
586	Clusterization-triggered emission: Uncommon luminescence from common materials. <i>Materials Today</i> , 2020, 32, 275-292.	14.2	407
587	A 4-N,N-dimethylaminoaniline salicylaldehyde Schiff-base solution-solid dual emissive fluorophore: An aggregation-induced turquoise emission characteristics in liquid as a fluorescent probe for Zn ²⁺ response; a strong near-infrared emission in solid state and application for optical data storage. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117608.	3.9	6
588	Terpyridyl-based triphenylamine derivatives with aggregation-induced emission characteristics for selective detection of Zn ²⁺ , Cd ²⁺ and CN ⁻ ions and application in cell imaging. <i>Dyes and Pigments</i> , 2020, 173, 107969.	3.7	26
589	Precise Molecular Design for High-Performance Luminogens with Aggregation-Induced Emission. <i>Advanced Materials</i> , 2020, 32, e1903530.	21.0	296
590	Optical and Biological Properties of Metal-Containing Macromolecules. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 3-41.	3.7	17
591	Aggregation-induced emission with enhanced two-photon absorption of dicyanomethylene-benzopyran with polyether chain for blood-brain barrier penetration. <i>Dyes and Pigments</i> , 2020, 172, 107827.	3.7	9
592	High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. <i>Angewandte Chemie</i> , 2020, 132, 9896-9909.	2.0	15
593	Synthesis of triphenylamine (TPA) dimers and applications in cell imaging. <i>Dyes and Pigments</i> , 2020, 174, 108009.	3.7	11
594	Promising Applications of AIEgens in Animal Models. <i>Small Methods</i> , 2020, 4, 1900583.	8.6	25
595	Structural Modification Orientated Multifunctional AIE Fluorescence Probes: Organelles Imaging and Effective Photosensitizer for Photodynamic Therapy. <i>Advanced Optical Materials</i> , 2020, 8, 1901433.	7.3	31
596	Double-detecting fluorescent sensor for ATP based on Cu ²⁺ and Zn ²⁺ response of hydrazono-bis-tetraphenylethylene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117568.	3.9	40

#	ARTICLE	IF	CITATIONS
597	1,8-Dioxapyrene-based electrofluorochromic supramolecular hyperbranched polymers. Chemical Communications, 2020, 56, 383-386.	4.1	21
598	A facile strategy to realize a single/double photon excitation-dependent photosensitizer for imaging-guided phototherapy against HeLa cancer cells at separate irradiation channels. Chemical Communications, 2020, 56, 571-574.	4.1	12
599	Aggregation-induced emission luminogens for RONS sensing. Journal of Materials Chemistry B, 2020, 8, 3357-3370.	5.8	26
600	Solid-state emissive organic chromophores: design, strategy and building blocks. Journal of Materials Chemistry C, 2020, 8, 788-802.	5.5	102
601	UV-detecting dual-responsive strips based on dicyanoacetate-containing hexaphenylbutadiene with aggregation-induced emission characteristic. Dyes and Pigments, 2020, 175, 108169.	3.7	8
602	First fluorescent sensor for curcumin in aqueous media based on acylhydrazone-bridged bis-tetraphenylethylene. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117916.	3.9	13
603	High solid fluorescence of novel tetraphenylethene-porphyrin. Journal of Luminescence, 2020, 220, 117017.	3.1	9
604	Self-Assembled Glycobis(acrylamide)-Stabilized Gold Nanoparticles for Fluorescent Turn-on Sensing of Lectin and <i>Escherichia coli</i> . ACS Applied Nano Materials, 2020, 3, 1307-1317.	5.0	13
605	AIE active TPE mesogens with p6mm columnar and Im3m cubic mesophases and white light emission property. Journal of Molecular Liquids, 2020, 298, 112079.	4.9	10
606	High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. Angewandte Chemie - International Edition, 2020, 59, 9812-9825.	13.8	134
607	Flexible and strong Fe3O4/cellulose composite film as magnetic and UV sensor. Applied Surface Science, 2020, 507, 145092.	6.1	30
608	A difluoroboron β^2 -diketonate-based luminescent material with tunable solid-state emission and thermally activated delayed fluorescence. Materials Chemistry Frontiers, 2020, 4, 285-291.	5.9	26
609	AIE luminogens as fluorescent bioprobes. TrAC - Trends in Analytical Chemistry, 2020, 123, 115769.	11.4	133
610	AIE-active fluorescent polymeric nanoparticles about dextran derivative: preparation and bioimaging application. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 504-518.	3.5	0
611	Highly sensitive fluorescence-linked immunosorbent assay based on aggregation-induced emission luminogens incorporated nanobeads. Biosensors and Bioelectronics, 2020, 150, 111912.	10.1	27
612	Aggregation-induced emission generation via simultaneous N-alkylation and rhenium(I) tricarbonyl complexation for 2-(2-thienyl)imidazo[4,5-f][1,10]-phenanthroline. Dyes and Pigments, 2020, 174, 108074.	3.7	12
613	A novel AIE "on-off-on" fluorescence sensor for highly selective and sensitive sequential detection of Fe3+ and HSO3 ⁻ in foods. Microchemical Journal, 2020, 159, 105419.	4.5	17
614	A fluorescence signal amplification and specific energy transfer strategy for sensitive detection of β -galactosidase based on the effects of AIE and host-guest recognition. Biosensors and Bioelectronics, 2020, 169, 112655.	10.1	28

#	ARTICLE	IF	CITATIONS
615	Restriction of Conformation Transformation in Excited State: An Aggregation-Induced Emission Building Block Based on Stable Exocyclic C=N Group. <i>IScience</i> , 2020, 23, 101587.	4.1	19
616	Radiation-Induced <i>In Situ</i> -Printed Nonconjugated Fluorescent Nonwoven Fabric with Superior Fluorescent Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49258-49264.	8.0	13
617	Bismuth-MOF based on tetraphenylethylene derivative as a luminescent sensor with turn-off/on for application of Fe ³⁺ detection in serum and bioimaging, as well as emissive spectra analysis by TRES. <i>Sensors and Actuators B: Chemical</i> , 2020, 325, 128767.	7.8	55
618	An activity-based fluorescent probe and its application for differentiating alkaline phosphatase activity in different cell lines. <i>Chemical Communications</i> , 2020, 56, 13323-13326.	4.1	22
619	Room-temperature AIE ionic liquid crystals based on diphenylacrylonitrile-imidazole salts. <i>Soft Matter</i> , 2020, 16, 10368-10376.	2.7	11
620	Divergent and Stereoselective Synthesis of Tetraarylethylenes from Vinylboronates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20090-20098.	13.8	47
621	A ratiometric fluorescence sensor based on enzymatically activatable micellization of TPE derivatives for quantitative detection of alkaline phosphatase activity in serum. <i>RSC Advances</i> , 2020, 10, 26888-26894.	3.6	8
622	Recognition mechanism of molecularly imprinted polymers by aggregation-induced emission. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13574-13581.	5.5	10
623	Light-Induced Self-Escape of Spherical Nucleic Acid from Endo/Lysosome for Efficient Non-Cationic Gene Delivery. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19168-19174.	13.8	82
624	Enzyme-responsive polymeric micelles with fluorescence fabricated through aggregation-induced copolymer self-assembly for anticancer drug delivery. <i>Polymer Chemistry</i> , 2020, 11, 7704-7713.	3.9	40
625	Emission color-tunable oxazol(in)yl-substituted excited-state intramolecular proton transfer (ESIPT)-based luminophores. <i>Chemical Communications</i> , 2020, 56, 15430-15433.	4.1	19
626	A novel <i>turn-on</i> fluorescent probe based on naphthalimide for the tracking of lysosomal Cu ²⁺ in living cells. <i>New Journal of Chemistry</i> , 2020, 44, 21167-21175.	2.8	14
627	Modular DNA-Incorporated Aggregation-Induced Emission Probe for Sensitive Detection and Imaging of DNA Methyltransferase. <i>ACS Applied Bio Materials</i> , 2020, 3, 9002-9011.	4.6	6
628	Self-Immolative Difluorophenyl Ester Linker for Affinity-Based Fluorescence Turn-on Protein Detection. <i>Analytical Chemistry</i> , 2020, 92, 15463-15471.	6.5	5
629	Efficient FRET Approaches toward Copper(II) and Cyanide Detections via Host-Guest Interactions of Photo-Switchable [2]Pseudo-Rotaxane Polymers Containing Naphthalimide and Merocyanine Moieties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53257-53273.	8.0	19
630	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
631	Light-Induced Self-Escape of Spherical Nucleic Acid from Endo/Lysosome for Efficient Non-Cationic Gene Delivery. <i>Angewandte Chemie</i> , 2020, 132, 19330-19336.	2.0	7
632	The Design Strategy for an Aggregation- and Crystallization-Induced Emission-Active Molecule Based on the Introduction of Skeletal Distortion by Boron Complexation with a Tridentate Ligand. <i>Crystals</i> , 2020, 10, 615.	2.2	23

#	ARTICLE	IF	CITATIONS
633	Aggregate Science: From Structures to Properties. <i>Advanced Materials</i> , 2020, 32, e2001457.	21.0	254
634	Synthesis and photophysical properties of donor-acceptor flavone-based derivatives with good aggregation-induced emission characteristics. <i>Dyes and Pigments</i> , 2020, 183, 108711.	3.7	8
635	Intrinsically Fluorescent Biocompatible Terpolymers for Detection and Removal of Bi(III) and Cell Imaging. <i>ACS Applied Bio Materials</i> , 2020, 3, 6155-6166.	4.6	12
636	Synthesis and Aggregation-Induced Emission Feature of Series of Polysiloxanes Containing Triphenylpyrrole Side-Chain. <i>Key Engineering Materials</i> , 0, 842, 47-52.	0.4	0
637	A novel fluorescent DNA sensor system based on polydopamine modified MgAl-layered double hydroxides. <i>Colloids and Interface Science Communications</i> , 2020, 37, 100294.	4.1	13
638	Dual-functional AIE fluorescent probes for imaging β^2 -amyloid plaques and lipid droplets. <i>Analytica Chimica Acta</i> , 2020, 1133, 109-118.	5.4	40
639	Organic polymorphs based on an AEE-active tetraphenylethene salicylaldehyde Schiff-base derivative: the effect of molecular conformation on luminescence properties. <i>RSC Advances</i> , 2020, 10, 29043-29050.	3.6	10
640	Photo-Responsive Fluorescent Materials with Aggregation-Induced Emission Characteristics. <i>Advanced Optical Materials</i> , 2020, 8, 2001362.	7.3	50
641	Fluorescent Materials for Cell Imaging. , 2020, , .		1
642	Î-Extended Tetraphenylethylene Containing a Dicyanovinyl Group as an Ideal Fluorescence Turn-On and Naked-Eye Color Change Probe for Hydrazine Detection. <i>ACS Omega</i> , 2020, 5, 28369-28374.	3.5	15
643	Optimization of FRET Behavior in Photoswitchable [2]Rotaxanes Containing Bifluorophoric Naphthalimide Donor and Merocyanine Acceptor with Sensor Approaches toward Sulfite Detection. <i>Chemistry of Materials</i> , 2020, 32, 9371-9389.	6.7	23
644	Highly fluorescent aryl-cyclopentadienyl ligands and their tetra-nuclear mixed metallic potassium-dysprosium clusters. <i>RSC Advances</i> , 2020, 10, 39366-39372.	3.6	5
645	Aggregation-Induced Emission Luminogens for Mitochondria-Targeted Cancer Therapy. <i>ChemMedChem</i> , 2020, 15, 2220-2227.	3.2	17
646	Deciphering the Dynamics of Organic Nanoaggregates with AIEE Effect and Excited States: Lipophilic Benzothiadiazole Derivatives as Selective Cell Imaging Probes. <i>Journal of Organic Chemistry</i> , 2020, 85, 12614-12634.	3.2	31
647	Rational Design of a High-Performance Quinoxalinone-Based AIE Photosensitizer for Image-Guided Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42551-42557.	8.0	31
648	Divergent and Stereoselective Synthesis of Tetraarylethylenes from Vinylboronates. <i>Angewandte Chemie</i> , 2020, 132, 20265-20273.	2.0	12
649	High-sensitivity Detection of Cysteine and Glutathione Using Au Nanoclusters Based on Aggregation-induced Emission. <i>Journal of Fluorescence</i> , 2020, 30, 1491-1498.	2.5	10
650	Highly Efficient Förster Resonance Energy Transfer Modulations of Dual-AIEgens between a Tetraphenylethylene Donor and a Merocyanine Acceptor in Photo-Switchable [2]Rotaxanes and Reversible Photo-Patterning Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47921-47938.	8.0	43

#	ARTICLE	IF	CITATIONS
651	Fusion of aggregation-induced emission and photochromics for promising photoresponsive smart materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3153-3175.	5.9	65
652	Photochromism and Fluorescence Switch of Furan-Containing Tetraarylethene Luminogens with Aggregation-Induced Emission for Photocontrolled Interface-Involved Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42410-42419.	8.0	56
653	Substitution Activated Precise Phototheranostics through Supramolecular Assembly of AIEgen and Calixarene. <i>Journal of the American Chemical Society</i> , 2020, 142, 15966-15974.	13.7	102
654	An aggregation-induced emission active vitamin B6 cofactor derivative: application in pH sensing and detection of latent fingerprints. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1402-1409.	2.9	44
655	Palladium-Catalyzed Intermolecular Trans-Selective Carbofunctionalization of Internal Alkynes to Highly Functionalized Alkenes. <i>ACS Catalysis</i> , 2020, 10, 10516-10522.	11.2	44
656	Internet of Things-Enabled Aggregation-Induced Emission Probe for Cu ²⁺ Ions: Comprehensive Investigations and Three-Dimensional Printed Portable Device Design. <i>ACS Omega</i> , 2020, 5, 32761-32768.	3.5	10
657	Triptycene-Based Luminescent Materials in Homoconjugated Charge-Transfer Systems: Synthesis, Electronic Structures, AIE Activity, and Highly Tunable Emissions. <i>ACS Omega</i> , 2020, 5, 28606-28614.	3.5	4
658	Nitrile-substituted 2-(oxazoliny)-phenols: minimalistic excited-state intramolecular proton transfer (ESIPT)-based fluorophores. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9213-9225.	5.5	37
659	The stabilization of fluorescent copper nanoclusters by dialdehyde cellulose and their use in mercury ion sensing. <i>Analytical Methods</i> , 2020, 12, 3130-3136.	2.7	9
660	Quantitative Prediction of Aggregation-Induced Emission: A Full Quantum Mechanical Approach to the Optical Spectra. <i>Angewandte Chemie</i> , 2020, 132, 11647-11652.	2.0	3
661	Synthesis of fully-fused bisboron azomethine complexes and their conjugated polymers with solid-state near-infrared emission. <i>Chemical Communications</i> , 2020, 56, 6575-6578.	4.1	28
662	Electrochromic/Electrofluorochromic Supercapacitor Based on a Network Polysiloxane Bearing Oligoaniline and Cyanophenethylene Groups. <i>ACS Applied Polymer Materials</i> , 2020, 2, 3024-3033.	4.4	16
663	Double Role of Diphenylpyridine Derivatives as Fluorescent Sensors for Monitoring Photopolymerization and the Determination of the Efficiencies of the Generation of Superacids by Cationic Photoinitiators. <i>Sensors</i> , 2020, 20, 3043.	3.8	15
664	A tetraphenylethene-based Pd ₂ L ₄ metallacage with aggregation-induced emission and stimuli-responsive behavior. <i>Dalton Transactions</i> , 2020, 49, 8051-8055.	3.3	13
665	Visualizing semipermeability of the cell membrane using a pH-responsive ratiometric AIEgen. <i>Chemical Science</i> , 2020, 11, 5753-5758.	7.4	26
666	AIE Bioconjugates for Biomedical Applications. <i>Advanced Optical Materials</i> , 2020, 8, 2000162.	7.3	62
667	Bis-biphenylacrylonitrile bridged with crown ether chain: a novel fluorescence sensor for Fe ³⁺ in aqueous media. <i>New Journal of Chemistry</i> , 2020, 44, 11746-11751.	2.8	16
668	A novel DRET and FRET combined fluorescent molecule and its applications in sensing and bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128457.	7.8	11

#	ARTICLE	IF	CITATIONS
669	Endowing TADF luminophors with AIE properties through adjusting flexible dendrons for highly efficient solution-processed nondoped OLEDs. <i>Chemical Science</i> , 2020, 11, 7194-7203.	7.4	74
670	A novel dark resonance energy transfer-based fluorescent probe with large Stokes shift for the detection of pH and its imaging application. <i>Dyes and Pigments</i> , 2020, 181, 108614.	3.7	13
671	Postsynthetic Framework Contraction Enhances the Two-Photon Absorption Properties of Pillar-Layered Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2020, 32, 5682-5690.	6.7	15
672	An Unexpected Chromophore-Solvent Reaction Leads to Bicomponent Aggregation-Induced Phosphorescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10023-10026.	13.8	67
673	An Unexpected Chromophore-Solvent Reaction Leads to Bicomponent Aggregation-Induced Phosphorescence. <i>Angewandte Chemie</i> , 2020, 132, 10109-10112.	2.0	21
674	An Activatable AIEgen Probe for High-Fidelity Monitoring of Overexpressed Tumor Enzyme Activity and Its Application to Surgical Tumor Excision. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10186-10195.	13.8	134
675	A Small-Molecule AIE Chromosome Periphery Probe for Cytogenetic Studies. <i>Angewandte Chemie</i> , 2020, 132, 10413-10417.	2.0	2
676	An Activatable AIEgen Probe for High-Fidelity Monitoring of Overexpressed Tumor Enzyme Activity and Its Application to Surgical Tumor Excision. <i>Angewandte Chemie</i> , 2020, 132, 10272-10281.	2.0	23
677	A Small-Molecule AIE Chromosome Periphery Probe for Cytogenetic Studies. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10327-10331.	13.8	29
678	Quantitative Prediction of Aggregation-Induced Emission: A Full Quantum Mechanical Approach to the Optical Spectra. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11550-11555.	13.8	23
679	A strategy to construct fluorescent non-aromatic small-molecules: hydrogen bonds contributing to the unexpected fluorescence. <i>Chemical Communications</i> , 2020, 56, 4424-4427.	4.1	15
680	Regioisomeric monopyridine-functionalized triarylethene: small AIEgens with isomeric effect and an efficient platform for the selective and sensitive detection of Pd ²⁺ and Fe ³⁺ . <i>New Journal of Chemistry</i> , 2020, 44, 6173-6181.	2.8	11
681	A multistimuli responsive heteroleptic iridium(^{III}) complex: role of hydrogen bonding in probing solvent, pH and bovine serum albumin (BSA). <i>Journal of Materials Chemistry C</i> , 2020, 8, 6605-6614.	5.5	10
682	Self-supported rhodium catalysts based on a microporous metal-organic framework for polymerization of phenylacetylene and its derivatives. <i>Polymer Chemistry</i> , 2020, 11, 2904-2913.	3.9	8
683	A Novel DR/NIR T-Shaped AIEgen: Synthesis and X-Ray Crystal Structure Study. <i>Crystals</i> , 2020, 10, 269.	2.2	20
684	Aggregation-Induced Emission: Recent Advances in Materials and Biomedical Applications. <i>Angewandte Chemie</i> , 2020, 132, 9952-9970.	2.0	96
685	Pyridinium-Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. <i>Angewandte Chemie</i> , 2020, 132, 10128-10137.	2.0	13
686	Restriction-Induced Luminescence Enhancement in 2D Interlayer Supramolecular Infinite Solid Solution for Cell Imaging. <i>Advanced Optical Materials</i> , 2020, 8, 1902019.	7.3	8

#	ARTICLE	IF	CITATIONS
687	Cation- π Interaction Induced Excimer Formation: A New Strategy for High-Efficiency Organic Solid-State Luminescence. <i>Advanced Optical Materials</i> , 2020, 8, 2000125.	7.3	14
688	Aggregation-Induced Emission: Recent Advances in Materials and Biomedical Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9868-9886.	13.8	483
689	Visualization of materials using the confocal laser scanning microscopy technique. <i>Chemical Society Reviews</i> , 2020, 49, 2408-2425.	38.1	43
690	Aggregation induced emission of an anionic tetraphenylethene derivative for efficient protamine sensing. <i>Journal of Molecular Liquids</i> , 2020, 315, 113625.	4.9	35
691	Development of biosensors for detection of alpha-fetoprotein: As a major biomarker for hepatocellular carcinoma. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115961.	11.4	50
692	AI-Egens: An emerging fluorescent sensing tool to aid food safety and quality control. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 2297-2329.	11.7	39
693	Rational design of reversibly photochromic molecules with aggregation-induced emission by introducing photoactive thienyl and benzothienyl groups. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13197-13204.	5.5	51
694	Probing biotin receptors in cancer cells with rationally designed fluorogenic squaraine dimers. <i>Chemical Science</i> , 2020, 11, 8240-8248.	7.4	34
695	Phenothiazine and BN-doped AIE Probes Integrated Fluorescence Sensor Array for Detection and Discrimination of Nitro Explosives. <i>Chinese Journal of Analytical Chemistry</i> , 2020, 48, e20075-e20080.	1.7	4
696	Spectroscopic and theoretical studies of fluorescence effects induced by the ESIPT process in a new derivative 2-Hydroxy-N-(2-phenylethyl)benzamide " Study on the effects of pH and medium polarity changes. <i>PLoS ONE</i> , 2020, 15, e0229149.	2.5	5
697	Progress in Atomically Precise Coinage Metal Clusters with Aggregation-Induced Emission and Circularly Polarized Luminescence. <i>Advanced Optical Materials</i> , 2020, 8, 1902152.	7.3	114
698	AIE-active Schiff base compounds as fluorescent probes for the highly sensitive and selective detection of Fe ³⁺ ions. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1471-1482.	5.9	55
699	Facile construction of AIE-based FRET nanoprobe for ratiometric imaging of hypochlorite in live cells. <i>Journal of Luminescence</i> , 2020, 220, 117018.	3.1	12
700	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie</i> , 2020, 132, 5374-5378.	2.0	26
701	Stimuli-Responsive Molecular Photon Upconversion. <i>Angewandte Chemie</i> , 2020, 132, 10336-10348.	2.0	3
702	Stimuli-Responsive Molecular Photon Upconversion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10252-10264.	13.8	48
703	Supramolecular Organic Frameworks with Controllable Shape and Aggregation-Induced Emission for Tunable Luminescent Materials through Aqueous Host-Guest Complexation. <i>Advanced Optical Materials</i> , 2020, 8, 1902154.	7.3	35
704	Pyridinium-Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10042-10051.	13.8	66

#	ARTICLE	IF	CITATIONS
705	Tetraphenylethene-based tetracationic dicyclophanes: synthesis, mechanochromic luminescence, and photochemical reactions. <i>Chemical Communications</i> , 2020, 56, 3195-3198.	4.1	37
706	Enhanced DNA Sensing and Chiroptical Performance by Restriction of Double-Bond Rotation of AIE <i>cis</i> -Tetraphenylethylene Macrocycle Diammoniums. <i>Organic Letters</i> , 2020, 22, 1836-1840.	4.6	29
707	Multifunctional Au I -based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. <i>Angewandte Chemie</i> , 2020, 132, 7163-7171.	2.0	17
708	Molecular and crystalline requirements for solid state fluorescence exploiting excited state intramolecular proton transfer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2558-2568.	5.5	23
709	First fluorescence sensor for simultaneously detecting three kinds of IIB elements (Zn ²⁺ , Cd ²⁺ and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	7.8	68
710	Ionic liquid decorated AIE luminogen for selective detection of HSA in biofluids and early disease screening. <i>Talanta</i> , 2020, 212, 120763.	5.5	16
711	Aggregation-induced emission and solid fluorescence of fluorescein derivatives. <i>Chemical Communications</i> , 2020, 56, 2511-2513.	4.1	42
712	Supramolecular materials based on AIE luminogens (AIEgens): construction and applications. <i>Chemical Society Reviews</i> , 2020, 49, 1144-1172.	38.1	498
713	A lipophilic AIEgen for lipid droplet imaging and evaluation of the efficacy of HIF-1 targeting drugs. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1516-1523.	5.8	34
714	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6915-6922.	13.8	71
715	Quantitative Design of Bright Fluorophores and AIEgens by the Accurate Prediction of Twisted Intramolecular Charge Transfer (TICT). <i>Angewandte Chemie</i> , 2020, 132, 10246-10258.	2.0	36
716	Facile Synthesis of Nitrogen-Containing Six-Membered Benzofused Phenophosphazinine Oxides and Studies of the Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 3879-3886.	3.2	7
717	A selective and sensitive turn-on chemosensor for detection of Fe ³⁺ in aqueous solution and its cell imaging in dorsal root ganglia neurons and MKN-45 cells. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115309.	3.0	7
718	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. <i>Angewandte Chemie</i> , 2020, 132, 6982-6989.	2.0	20
719	Solid-State Emissive Aroyl- <i>cis</i> -N- <i>cis</i> -Ketene Acetals with Tunable Aggregation-Induced Emission Characteristics. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10037-10041.	13.8	39
720	Phage-Guided Targeting, Discriminative Imaging, and Synergistic Killing of Bacteria by AIE Bioconjugates. <i>Journal of the American Chemical Society</i> , 2020, 142, 3959-3969.	13.7	143
721	Festkörperlumineszierende Aroyl- <i>cis</i> -N-Ketenacetale mit steuerbaren aggregationsinduzierten Emissionseigenschaften. <i>Angewandte Chemie</i> , 2020, 132, 10123-10127.	2.0	6
722	Photoresponsive Propeller-like Chiral AIE Copper(I) Clusters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5336-5340.	13.8	137

#	ARTICLE	IF	CITATIONS
723	In Vitro Lightâ€Up Visualization of a Subunitâ€Specific Enzyme by an AIE Probe via Restriction of Single Molecular Motion. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10003-10007.	13.8	34
724	An activatable liposomal fluorescence probe based on fluorescence resonance energy transfer and aggregation induced emission effect for sensitive tumor imaging. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 188, 110789.	5.0	5
725	In Vitro Lightâ€Up Visualization of a Subunitâ€Specific Enzyme by an AIE Probe via Restriction of Single Molecular Motion. <i>Angewandte Chemie</i> , 2020, 132, 10089-10093.	2.0	6
726	Quantitative Design of Bright Fluorophores and AIEgens by the Accurate Prediction of Twisted Intramolecular Charge Transfer (TICT). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10160-10172.	13.8	131
727	Photophysical Switching between Aggregationâ€Induced Phosphorescence and Dualâ€State Emission by Isomeric Substitution. <i>Chemistry - A European Journal</i> , 2020, 26, 3733-3737.	3.3	31
728	Highly efficient singlet oxygen generation, two-photon photodynamic therapy and melanoma ablation by rationally designed mitochondria-specific near-infrared AIEgens. <i>Chemical Science</i> , 2020, 11, 2494-2503.	7.4	131
729	Phosphanylâ€Substituted Siloles: Synthesis, Optical and Electrochemical Studies and Computations. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1794-1802.	2.0	0
730	Multiplex Optical Urinalysis for Early Detection of Drug-Induced Kidney Injury. <i>Analytical Chemistry</i> , 2020, 92, 6166-6172.	6.5	34
731	Tetraphenylethene-Based Platinum(II) Bis-Triangular Dicycles with Tunable Emissions. <i>Inorganic Chemistry</i> , 2020, 59, 5713-5720.	4.0	14
732	Constructing a tetraphenylethene (TPE) derivative-decorated polyvinyl alcohol (PVA)/lanthanide nanoparticle composite system for tunable luminescence. <i>Dalton Transactions</i> , 2020, 49, 5539-5546.	3.3	2
733	Recent progress in efficient organic two-photon dyes for fluorescence imaging and photodynamic therapy. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6342-6349.	5.5	102
734	Sugar-Based Aggregation-Induced Emission Luminogens: Design, Structures, and Applications. <i>Chemical Reviews</i> , 2020, 120, 4534-4577.	47.7	158
735	A simple AIE-active fluorogen for relay recognition of Cu ²⁺ and pyrophosphate through aggregation-switching strategy. <i>Dyes and Pigments</i> , 2020, 178, 108379.	3.7	72
736	Advances and perspectives in nearâ€infrared fluorescent organic probes for surgical oncology. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1635.	6.1	28
737	Recent Advances in Nanomaterials with Inherent Optical and Magnetic Properties for Bioimaging and Imaging-Guided Nucleic Acid Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1234-1246.	3.6	12
738	A Tetraphenylethylene-Based Aggregation-Induced Emission Probe for Fluorescence Turn-on Detection of Lipopolysaccharide in Injectable Water with Sensitivity Down to Picomolar. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 8252-8258.	3.7	14
739	Aggregation-induced emission of a Eu(III) complex via ligand-to-metal charge transfer. <i>Chemical Physics Letters</i> , 2020, 749, 137437.	2.6	3
740	Recent trends in metal ion based hydrogel biomaterials for tissue engineering and other biomedical applications. <i>Journal of Materials Science and Technology</i> , 2021, 63, 35-53.	10.7	58

#	ARTICLE	IF	CITATIONS
741	Innovative Verfahren zur Synthese von Luminogenen mit aggregationsinduzierter Emission. <i>Angewandte Chemie</i> , 2021, 133, 15856-15876.	2.0	9
742	Innovative Synthetic Procedures for Luminogens Showing Aggregation-Induced Emission. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15724-15742.	13.8	72
743	One-pot synthesis of dual-state emission (DSE) luminogens containing the V-shape furo[2,3-b]furan scaffold. <i>Chinese Chemical Letters</i> , 2021, 32, 445-448.	9.0	13
744	Inorganic-Organic Nanocomposites Based on Aggregation-Induced Emission Luminogens. <i>Advanced Functional Materials</i> , 2021, 31, 2006952.	14.9	31
745	Efficient red fluorescent OLEDs based on aggregation-induced emission combined with hybridized local and charge transfer state. <i>Dyes and Pigments</i> , 2021, 184, 108770.	3.7	42
746	Recent development in fluorescein derivatives. <i>Journal of Molecular Structure</i> , 2021, 1224, 129085.	3.6	36
747	Metallo-Helicoid with Double Rims: Polymerization Followed by Folding by Intramolecular Coordination. <i>Angewandte Chemie</i> , 2021, 133, 1301-1309.	2.0	2
748	Metallo-Helicoid with Double Rims: Polymerization Followed by Folding by Intramolecular Coordination. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1281-1289.	13.8	18
749	Multi-Stimuli Responsive Luminescent β^2 -Diketones and Difluoroboron Complexes with Heterocyclic Substituents. <i>Journal of Fluorescence</i> , 2021, 31, 39-49.	2.5	5
750	A facile design of azaanthracene derivatives: ACQ-to-AIE conversion and blue-shifted mechanofluorochromic emission. <i>Dyes and Pigments</i> , 2021, 186, 108992.	3.7	19
751	Insights into the effect of the spacer on the properties of imidazolium based AIE luminogens. <i>Dyes and Pigments</i> , 2021, 186, 109035.	3.7	6
752	Pillararene-based AIEgens: research progress and appealing applications. <i>Chemical Communications</i> , 2021, 57, 284-301.	4.1	65
753	Thermo-responsive polymers with aggregation induced emission. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 317-328.	2.2	8
754	Root Canal Disinfection Using Highly Effective Aggregation-Induced Emission Photosensitizer. <i>ACS Applied Bio Materials</i> , 2021, 4, 3796-3804.	4.6	10
755	Molecular tuning of the crystallization-induced emission enhancement of diphenyl-dibenzofulvene luminogens. <i>Chemical Communications</i> , 2021, 57, 484-487.	4.1	10
756	AIE-based luminescence probes for metal ion detection. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213693.	18.8	157
757	Recent progress of aggregation-induced emission luminogens (AIEgens) for bacterial detection and theranostics. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1164-1184.	5.9	29
758	Development of C3 symmetric triaminoguanidine-2-naphthol conjugate: Aggregation induced emission, colorimetric and turn-off fluorimetric detection of Co ²⁺ ion, smartphone and real sample applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 406, 112983.	3.9	18

#	ARTICLE	IF	CITATIONS
759	Real-time tracking the mitochondrial membrane potential by a mitochondria-lysosomes migration fluorescent probe with NIR-emissive AIE characteristics. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128929.	7.8	28
760	Recent advances in cation sensing using aggregation-induced emission. <i>Materials Chemistry Frontiers</i> , 2021, 5, 659-708.	5.9	99
761	Solid-Supported Amplification of Aggregation Emission: A Tetraphenylethylene@Cucurbit[6]uril@Hydroxyapatite-Based Supramolecular Sensing Assembly for the Detection of Spermine and Spermidine in Human Urine and Blood. <i>ACS Applied Bio Materials</i> , 2021, 4, 1813-1822.	4.6	23
762	ESIPT on/off switching and crystallization-enhanced emission properties of new design phenol-pyrazole modified cyclotriphosphazenes. <i>New Journal of Chemistry</i> , 2021, 45, 8492-8505.	2.8	16
763	Recent advances in stimuli-responsive theranostic systems with aggregation-induced emission characteristics. <i>Aggregate</i> , 2021, 2, 48-65.	9.9	113
764	A novel boron ketoiminate-based conjugated polymer with large Stokes shift: AIEE feature and cell imaging application. <i>New Journal of Chemistry</i> , 2021, 45, 4071-4076.	2.8	5
765	A mechanistic insight into benefits of aggregation induced emissive luminogens in cancer. <i>Journal of Drug Targeting</i> , 2021, 29, 592-608.	4.4	1
766	Free energy profile analysis to identify factors activating the aggregation-induced emission of a cyanostilbene derivative. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 1317-1324.	2.8	9
767	Photodynamic therapy: photosensitizers and nanostructures. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3788-3812.	5.9	92
768	A Host-Guest Interaction-Based and Metal-Organic Gel-Based Biosensor with Aggregation-Induced Electrochemiluminescence Enhancement for Methyltransferase Assay. <i>Analytical Chemistry</i> , 2021, 93, 2974-2981.	6.5	35
769	Diagnostic and Therapeutic Nanomedicine. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1310, 401-447.	1.6	7
770	Effect of counter-anions on the aggregation of Thioflavin-T. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 9948-9961.	2.8	5
771	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
772	Ligand-Free Catalytic Cross-Coupling in the System Aryl Halide@Arylacetylene@Alkene. <i>Russian Journal of Organic Chemistry</i> , 2021, 57, 71-78.	0.8	5
773	Chiral assembly of organic luminogens with aggregation-induced emission. <i>Chemical Science</i> , 2022, 13, 611-632.	7.4	74
774	Facile preparation of silver nanocluster self-assemblies with aggregation-induced emission by equilibrium shifting. <i>Nanoscale</i> , 2021, 13, 14207-14213.	5.6	13
775	Investigating the structure-fluorescence properties of tetraphenylethylene fused imidazole AIEgens: reversible mechanofluorochromism and polymer matrix controlled fluorescence tuning. <i>CrystEngComm</i> , 2021, 23, 5403-5410.	2.6	4
776	Chemosensors Development for Selective Detection of Biologically Relevant Small Molecules and Biomolecules. <i>Studies in Systems, Decision and Control</i> , 2021, , 229-251.	1.0	0

#	ARTICLE	IF	CITATIONS
777	Metal Complexes as Sensors. , 2021, , 181-203.		2
778	The effect of alkyl chain lengths on the red-to-near-infrared emission of boron-fused azomethine conjugated polymers and their film-state stimuli-responsivities. Polymer Chemistry, 2021, 12, 2752-2759.	3.9	16
779	Confinement-guided photophysics in MOFs, COFs, and cages. Chemical Society Reviews, 2021, 50, 4382-4410.	38.1	84
780	Aggregation-Induced Emission-Active Fluorescent Polymer: Multi-Targeted Sensor and ROS Scavenger. ACS Applied Materials & Interfaces, 2021, 13, 5668-5677.	8.0	30
781	A highly selective visual paper-based detector for hydrazine and MCL luminogens based on fluorinated-pyrrole-functionalized triphenylamine. New Journal of Chemistry, 2021, 45, 20173-20180.	2.8	2
782	Real-Time Monitoring Mitochondrial Viscosity during Mitophagy Using a Mitochondria-Immobilized Near-Infrared Aggregation-Induced Emission Probe. Analytical Chemistry, 2021, 93, 3241-3249.	6.5	87
783	Synthesis, Self-Assembly, and Nucleic Acid Recognition of an Acylhydrazone-Conjugated Cationic Tetraphenylethene Ligand. European Journal of Organic Chemistry, 2021, 2021, 1123-1135.	2.4	4
784	Biology-Oriented Design Strategies of AIE Theranostic Probes. Matter, 2021, 4, 350-376.	10.0	40
785	Aggregation-Induced emission properties of pyridyl-containing tetraarylethenes. Luminescence, 2021, 36, 958-963.	2.9	2
786	Biologically Excretable Aggregation-Induced Emission Dots for Visualizing Through the Marmosets Intravitaly: Horizons in Future Clinical Nanomedicine. Advanced Materials, 2021, 33, e2008123.	21.0	63
787	Recovering the Thermally Activated Delayed Fluorescence in Aggregation-Induced Emitters of Carborane. Inorganic Chemistry, 2021, 60, 4705-4716.	4.0	17
788	Unprecedented Application of Covalent Organic Frameworks for Polymerization Catalysis: Rh/TPB-DMTP-COF in Polymerization of Phenylacetylene and Its Functional Derivatives. ACS Applied Materials & Interfaces, 2021, 13, 13693-13704.	8.0	9
789	Recent Advances in Two-Photon AIEgens and Their Application in Biological Systems. ChemBioChem, 2021, 22, 1871-1883.	2.6	9
790	Speed-Induced Extensibility Elastomers with Good Resilience and High Toughness. Macromolecules, 2021, 54, 3358-3365.	4.8	15
791	Imaging, Identification and Inhibition of Microorganisms Using AIEgens. Topics in Current Chemistry, 2021, 379, 21.	5.8	5
792	Photoluminescence-enhanced cholesteric films: Coassembling copper nanoclusters with cellulose nanocrystals. Carbohydrate Polymers, 2021, 257, 117641.	10.2	20
793	Detection of Urinary Albumin Using a Turn-Off Fluorescent Probe with Aggregation-Induced Emission Characteristics. Chemistry - an Asian Journal, 2021, 16, 1245-1252.	3.3	33
794	Photoresponsive Polymers with Aggregation-Induced Emission. ACS Applied Polymer Materials, 2021, 3, 2290-2309.	4.4	40

#	ARTICLE	IF	CITATIONS
795	Multienzyme-Targeted Fluorescent Probe as a Biosensing Platform for Broad Detection of Pesticide Residues. <i>Analytical Chemistry</i> , 2021, 93, 7079-7085.	6.5	59
796	Making Aggregation-Induced Emission Luminogen More Valuable by Gold: Enhancing Anticancer Efficacy by Suppressing Thioredoxin Reductase Activity. <i>ACS Nano</i> , 2021, 15, 9176-9185.	14.6	41
797	Take your Positions and Shine: Effects of Positioning Aggregation-Induced Emission Luminophores within Sequence-Defined Macromolecules. <i>Chemistry - A European Journal</i> , 2021, 27, 10186-10192.	3.3	2
798	Monitoring of the decreased mitochondrial viscosity during heat stroke with a mitochondrial AIE probe. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3823-3831.	3.7	23
799	Crown-ether-bridging bis-diphenylacrylonitrile macrocycle: The effective fluorescence sensor for oxytetracycline. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 412, 113219.	3.9	17
800	Insights into the selective sensing mechanism of a luminescent Cd(II)-based MOF chemosensor toward NACs: roles of the host-guest interactions and PET processes. <i>Journal of Materials Science</i> , 2021, 56, 13684-13704.	3.7	14
801	Fluorescent sensors: A bright future for cages. <i>Coordination Chemistry Reviews</i> , 2021, 434, 213820.	18.8	86
802	Conformational effect on fluorescence emission of tetraphenylethylene-based metallacycles. <i>Chinese Chemical Letters</i> , 2021, 32, 1691-1695.	9.0	22
803	Luminescent AIE Dots for Anticancer Photodynamic Therapy. <i>Frontiers in Chemistry</i> , 2021, 9, 672917.	3.6	19
804	FRET processes of bi-fluorophoric sensor material containing tetraphenylethylene donor and optical-switchable merocyanine acceptor for lead ion (Pb ²⁺) detection in semi-aqueous media. <i>Dyes and Pigments</i> , 2021, 189, 109238.	3.7	10
805	A facile and highly efficient fluorescent turn-on switch strategy based on diketone isomerization and its application in peroxynitrite fluorescent imaging. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129805.	7.8	8
806	Recent Advances in Colorimetric and Fluorescent Chemosensors for Ionic Species: Design, Principle and Optical Signalling Mechanism. <i>ChemistrySelect</i> , 2021, 6, 5657-5669.	1.5	44
807	Fluorescent Amphiphilic Quaternized Î ² -Chitin: Antibacterial Mechanism and Cell Imaging. <i>ACS Applied Bio Materials</i> , 2021, 4, 5461-5470.	4.6	7
808	Reversibly modulating a conformation-adaptive fluorophore in [2]catenane. <i>CheM</i> , 2021, 7, 1544-1556.	11.7	52
809	Real-Time Visualization and Monitoring of Physiological Dynamics by Aggregation-Induced Emission Luminogens (AIEgens). <i>Annual Review of Analytical Chemistry</i> , 2021, 14, 413-435.	5.4	8
810	Fluorescent Probes for Live Cell Thiol Detection. <i>Molecules</i> , 2021, 26, 3575.	3.8	28
811	Stereodefined tetraarylethylenes: Synthesis and applications. <i>Aggregate</i> , 2021, 2, e60.	9.9	19
812	Environmental effects in nitroquinoline derivatives solutions: Solvatochromism, acid-base effect and ion-sensor investigation. <i>Journal of Molecular Structure</i> , 2021, 1235, 130260.	3.6	3

#	ARTICLE	IF	CITATIONS
813	Amphiphilic alginate-based fluorescent polymer nanoparticles: Fabrication and multifunctional applications. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 2152-2161.	7.5	10
814	Zinc (II) and AIEgens: The "Click Approach" for a Novel Fluorophore Family. A Review. <i>Molecules</i> , 2021, 26, 4176.	3.8	26
815	Unraveling the Mechanism for Tuning the Fluorescence of Fluorescein Derivatives: The Role of the Conical Intersection and n π * State. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6478-6485.	4.6	45
816	Pyrene-fused hexaarylbenzene luminogens: Synthesis, characterization, and aggregation-induced emission enhancement. <i>Dyes and Pigments</i> , 2021, 192, 109452.	3.7	9
817	Grand Challenges in Biosensors and Biomolecular Electronics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 707615.	4.1	9
818	Aggregation-Induced Emission Materials that Aid in Pharmaceutical Research. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101067.	7.6	13
819	Rational design of pyrrole derivatives with aggregation-induced phosphorescence characteristics for time-resolved and two-photon luminescence imaging. <i>Nature Communications</i> , 2021, 12, 4883.	12.8	90
820	Dicyanoimidazole: A Facile Generation of Pure Blue TADF Materials for OLEDs. <i>Chemistry - A European Journal</i> , 2021, 27, 12998-13008.	3.3	19
821	Add the Finishing Touch: Molecular Engineering of Conjugated Small Molecule for High-Performance AIE Luminogen in Multimodal Photothranostics. <i>Small</i> , 2021, 17, e2102044.	10.0	28
822	Janus luminogens with bended intramolecular charge transfer: Toward molecular transistor and brain imaging. <i>Matter</i> , 2021, 4, 3286-3300.	10.0	12
823	Mesogens with aggregation-induced emission properties: Materials with a bright future. <i>Aggregate</i> , 2022, 3, e124.	9.9	37
824	Recent Strategies to Develop Innovative Photosensitizers for Enhanced Photodynamic Therapy. <i>Chemical Reviews</i> , 2021, 121, 13454-13619.	47.7	657
825	Breaking Classic Heavy-Atom Effect to Achieve Heavy-Atom-Induced Dramatic Emission Enhancement of Silole-Based AIEgens with Through-Bond and Through-Space Conjugation. <i>Advanced Optical Materials</i> , 2021, 9, 2101228.	7.3	18
826	TEPP-46-Based AIE Fluorescent Probe for Detection and Bioimaging of PKM2 in Living Cells. <i>Analytical Chemistry</i> , 2021, 93, 12682-12689.	6.5	15
827	Restriction of Twisted Intramolecular Charge Transfer Enables the Aggregation-Induced Emission of 1-(<i>N,N</i> -Dialkylamino)-naphthalene Derivatives. <i>Journal of Physical Chemistry A</i> , 2021, 125, 8397-8403.	2.5	19
828	Aggregation induced emission in 1,8-naphthalimide embedded nanomicellar architecture as a platform for fluorescent ratiometric pH-probe with biomedical applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113380.	3.9	14
829	Recent advances in assembled AIEgens for image-guided anticancer therapy. <i>Nanotechnology</i> , 2021, 32, .	2.6	5
830	Aggregation-induced emission of 4-formyl-3-hydroxybenzoic acid for the ratiometric fluorescence detection of tetracycline antibiotics. <i>Dyes and Pigments</i> , 2022, 197, 109841.	3.7	25

#	ARTICLE	IF	CITATIONS
831	Research Progress of Intramolecular π - π Stacked Small Molecules for Device Applications. <i>Advanced Materials</i> , 2022, 34, e2104125.	21.0	93
832	Recent advances in FRET-Based biosensors for biomedical applications. <i>Analytical Biochemistry</i> , 2021, 630, 114323.	2.4	42
833	Synthesis of red photoluminescent nickel doped self-assembled copper nanoclusters and their application in biothiol sensing. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130777.	7.8	6
834	Fabrication of hyaluronic acid-based micelles with glutathione-responsiveness for targeted anticancer drug delivery. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1586-1596.	9.4	30
835	Optical properties of new 5- (phenothiazinyl)methylidenearbituric acid derivatives. <i>Journal of Molecular Structure</i> , 2022, 1247, 131334.	3.6	1
836	Covalent organic frameworks for optical applications. <i>Aggregate</i> , 2021, 2, e24.	9.9	41
837	Wavelength-dependent multicolor photochromism and fluorescence switching based on an AIE-active skeleton by regulating the conjugation of the photoactive unit. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8249-8257.	5.5	19
838	Achieving highly efficient aggregation-induced emission, reversible and irreversible photochromism by heavy halogen-regulated photophysics and D π A molecular pattern-controlled photochemistry of through-space conjugated luminogens. <i>Chemical Science</i> , 2021, 12, 10710-10723.	7.4	39
839	Luminescent silver(Ag^+) complexes with pyrazole-tetraphenylethene ligands: turn-on fluorescence due to the coordination-driven rigidification and solvent-oriented structural transformation. <i>Dalton Transactions</i> , 2021, 50, 2183-2191.	3.3	18
840	Sensitive and specific detection of peroxynitrite and <i>in vivo</i> imaging of inflammation by a simple AIE bioprobe. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1830-1835.	5.9	19
841	An organic microlaser based on an aggregation-induced emission fluorophore for tensile strain sensing. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4888-4894.	5.5	6
842	Aggregation-induced emission properties of trans-stilbene. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
843	Donor-Acceptor Typed AIE Luminogens with Near-infrared Emission for Super-resolution Imaging. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 143-149.	2.6	9
844	Highly sensitive and ratiometric luminescence sensing of heparin through templated cyanostilbene assemblies. <i>Analyst</i> , 2021, 146, 2194-2202.	3.5	14
845	Materials with aggregation-induced emission characteristics for applications in diagnosis, theragnosis, disease mechanism study and personalized medicine. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3322-3343.	5.9	20
846	Host-guest interaction-induced emission enhancement of amphiphilic AIEgens: a computational study. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1806-1816.	5.9	16
847	Structure-property relationship in contrasting aggregation-induced enhancement/quenching of emission in rigid aromatic molecules. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4281-4288.	5.5	9
848	A Novel Fluorescence Tool for Monitoring Agricultural Industry Chain Based on AIEgens. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 38-51.	2.6	6

#	ARTICLE	IF	CITATIONS
849	Direct Imaging of Superwetting Behavior on Solidâ€“Liquidâ€“Vapor Triphase Interfaces. <i>Advanced Materials</i> , 2017, 29, 1703009.	21.0	10
850	Colorâ€“Tunable Boronâ€“Based Emitters Exhibiting Aggregationâ€“Induced Emission and Thermally Activated Delayed Fluorescence for Efficient Solutionâ€“Processable Nondoped Deepâ€“Blue to Skyâ€“Blue OLEDs. <i>Advanced Optical Materials</i> , 2020, 8, 1902175.	7.3	66
851	Multifunctional Au^I-based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7097-7105.	13.8	49
852	Selective Recognition of Fluoride by using a Benzobisimidazolium Derivative through Aggregationâ€“Induced Fluorescence. <i>ChemistryOpen</i> , 2017, 6, 476-479.	1.9	5
853	Fluorescent Probes for H ₂ S Detection and Quantification. <i>Handbook of Experimental Pharmacology</i> , 2015, 230, 291-323.	1.8	9
854	AIE-Type Metal Nanoclusters: Synthesis, Luminescence, Fundamentals and Applications. , 2019, , 265-289.		6
856	New Polymeric Materials Based on Element-Blocks. , 2019, , .		3
857	Organic Nanocrystals Based on a Solid-emission-tunable AIEgen for Cell Imaging. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 129-136.	2.6	5
858	Activatable fluorescent probe based on aggregation-induced emission for detecting hypoxia-related pathological conditions. <i>Analytica Chimica Acta</i> , 2020, 1125, 152-161.	5.4	26
859	â€œIrregularâ€“aggregation-induced emission luminogens. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213358.	18.8	44
860	Biocompatible zwitterionic phosphorylcholine polymers with aggregation-induced emission feature. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 157, 166-173.	5.0	11
861	Data encryption-decryption based on crystal-induced emission enhancement (CIEE) properties of barbituric acid derivatives. <i>Dyes and Pigments</i> , 2020, 180, 108408.	3.7	4
862	Free Energy Profile Analysis for the Aggregation-Induced Emission of Diphenyldibenzofulvene. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4939-4945.	2.5	6
863	Adaptive Chirality of an Achiral Cage: Chirality Transfer, Induction, and Circularly Polarized Luminescence through Aqueous Hostâ€“Guest Complexation. <i>CCS Chemistry</i> , 2021, 3, 2749-2763.	7.8	44
864	An Excited-State Intramolecular Proton Transfer (ESIPT) Plus Ag-gregation Induced Emission (AIE) Phenanthro[9, 10-d]imidazole-Based Fluorescence Probe for Detection of Fe³⁺ in Living Cells. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3250.	1.3	4
865	Recent Progress in Fluorescent Probes for Adenosine Triphosphate Based on Small Organic Molecules. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3051.	1.3	2
866	An aggregation-induced emission platform for efficient Golgi apparatus and endoplasmic reticulum specific imaging. <i>Chemical Science</i> , 2021, 12, 13949-13957.	7.4	12
867	Luminescent Zn (II)-Based Nanoprobes: A Highly Symmetric Supramolecular Platform for Sensing of Biological Targets and Living Cell Imaging. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	3

#	ARTICLE	IF	CITATIONS
868	Host-Assisted Aggregation-Induced Emission of a Tetraphenylethylene Derivative and Its Responses toward External Stimuli. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11122-11133.	2.6	15
869	A new tetramine bis(2-naphthol)-derivative fluorescent chemosensor for aluminum ion (Al ³⁺). <i>Journal of Molecular Structure</i> , 2022, 1250, 131775.	3.6	5
870	Highly Selective and Sensitive Aggregation-Induced Emission of Fluorescein-Coated Metal Oxide Nanoparticles. <i>ChemistryOpen</i> , 2021, 10, 1067-1073.	1.9	2
871	Mussel-inspired chemistry: A promising strategy for natural polysaccharides in biomedical applications. <i>Progress in Polymer Science</i> , 2021, 123, 101472.	24.7	77
872	Controlling Molecular Aggregation-Induced Emission by Controlled Polymerization. <i>Molecules</i> , 2021, 26, 6267.	3.8	7
873	Palladium-catalyzed three-component synthesis of phosphine-containing tetrasubstituted acyclic unsymmetric all-carbon olefins. <i>Cell Reports Physical Science</i> , 2021, , 100629.	5.6	2
874	Amphiphilic AIEgen-polymer aggregates: Design, self-assembly and biomedical applications. <i>Aggregate</i> , 2022, 3, e128.	9.9	49
875	Heterocyclic thiol protected supramolecular self-assembly of silver nanoclusters for ultrasensitive detection of toxic Hg (II) ions in nanomolar range. <i>Journal of Molecular Liquids</i> , 2021, 344, 117769.	4.9	11
876	Near-Infrared Absorbing Nonmetallic Nanomaterials as Photoacoustic Contrast Agents for Biomedical Imaging. , 2015, , 1-36.		0
877	Aggregation-Induced Emission (AIE): A Versatile Tool for Chemo/Biosensing. , 2019, , 351-389.		0
878	Application of Aggregation-Induced Emission Fluorogens for Detection and Quantification of Toxic Chemicals in Small Aquatic Organisms. , 2019, , 317-334.		1
879	Intracellular self-assembly of TPE-biotin nanoparticles enables aggregation-induced emission fluorescence for cancer-targeted imaging. <i>Chinese Journal of Chemical Physics</i> , 2018, 31, 851-856.	1.3	0
882	Stimuli-Responsive Zinc (II) Coordination Polymers: A Novel Platform for Supramolecular Chromic Smart Tools. <i>Polymers</i> , 2021, 13, 3712.	4.5	9
883	A tetracationic aggregation induced emission-based probe for efficient and improved detection of Heparin. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131016.	7.8	14
884	Fluorescent Organic Dyes and Conjugated Polymers in Nanoscale Ensembles. , 2020, , 307-355.		0
885	A Confined Nanopipette: From Fundamental to Application. <i>RSC Detection Science</i> , 2020, , 162-209.	0.0	0
886	Aggregation-Induced Emission (AIE) Probes for Cell Imaging. , 2020, , 181-215.		0
887	Protein confinement fine-tunes the aggregation-induced emission in the human serum albumin. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26263-26272.	2.8	5

#	ARTICLE	IF	CITATIONS
888	Real-Time 3D Framework Tracing of Extracellular Polymeric Substances by an AIE-Active Nanoprobe. ACS Sensors, 2021, 6, 4206-4216.	7.8	1
889	A near-infrared AIE fluorescent probe for myelin imaging: From sciatic nerve to the optically cleared brain tissue in 3D. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	26
890	Boosting Cyanobacteria Growth by Fivefold with Aggregation-Induced Emission Luminogens: Toward the Development of a Biofactory. ACS Sustainable Chemistry and Engineering, 2021, 9, 15258-15266.	6.7	9
891	Aggregation-induced emission molecules enable characterization of superhydrophobic coatings. Progress in Organic Coatings, 2022, 163, 106633.	3.9	10
892	2â€Quinoyl Benzodiazaborine: A Tunable Platform for Aggregationâ€Induced Emission Luminogens via Formation of Dimeric Borate Crystals with Acid Additives. ChemPhotoChem, 0, , .	3.0	0
893	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. Science China Chemistry, 2021, 64, 2060-2104.	8.2	248
894	Construction of sublimable pure organic ionic material with high solid luminescence efficiency based on anion-â€+ interactions tuning strategy. Chemical Engineering Journal, 2022, 433, 133646.	12.7	6
895	AIE active polymers for biological applications. Progress in Molecular Biology and Translational Science, 2021, 185, 137-177.	1.7	4
896	Enantioselective recognition of chiral acids by supramolecular interactions with chiral AIEgens. Chemical Communications, 2021, 57, 13321-13324.	4.1	7
897	Highly sensitive detection of Tb³⁺ and ATP based on a novel asymmetric anthracene derivative. Analytical Methods, 2022, 14, 306-311.	2.7	3
898	A novel benzotriazole derivate with Twisted intramolecular charge transfer and Aggregation Induced emission features for proton determination. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 269, 120780.	3.9	5
899	Three birds with one stone: a single AIEgen for dual-organelle imaging, cell viability evaluation and photodynamic cancer cell ablation. Materials Chemistry Frontiers, 2022, 6, 333-340.	5.9	17
900	Overview of coumarin-fused-coumarins: synthesis, photophysical properties and their applications. Organic and Biomolecular Chemistry, 2021, 20, 55-72.	2.8	32
901	Dynamic covalent chemistry constrained diphenylethenes: control over reactivity and luminescence both in solution and in the solid state. Organic Chemistry Frontiers, 0, , .	4.5	2
902	Progress and challenges in functional nanomaterialâ€based suspension array technology for multiplexed biodetection. View, 2022, 3, .	5.3	10
903	A simple construction of multiple highly-efficient orange-emitting carboranes based on interlocked molecular aggregations. Materials Chemistry Frontiers, 2022, 6, 783-792.	5.9	10
904	Boost highly efficient singlet oxygen generation and accelerate cancer cell apoptosis for photodynamic therapy by logically designed mitochondria targeted near-infrared AIEgens. Sensors and Actuators B: Chemical, 2022, 358, 131471.	7.8	14
905	A series of carbonate-bridged Ln (Ln=Eu, Tb, Gd) frameworks: Colour tunability for barcode applications and selective luminescence sensing towards nitroimidazole antibiotics. Inorganic Chemistry Communication, 2022, 137, 109173.	3.9	4

#	ARTICLE	IF	CITATIONS
906	An amino-type halogen-bonded organic framework for the selective adsorption of aliphatic acid vapors: insight into the competitive interactions of halogen bonds and hydrogen bonds. Journal of Materials Chemistry A, 2022, 10, 10586-10592.	10.3	14
907	Supramolecular self-assembly mediated aggregation-induced emission of fluorene-derived cyanostilbenes: multifunctional probes for live cell-imaging. Journal of Materials Chemistry B, 2022, 10, 2238-2250.	5.8	14
908	A novel AIE-active imidazolium macrocyclic ratiometric fluorescence sensor for pyrophosphate anion. RSC Advances, 2022, 12, 6876-6880.	3.6	10
909	Tailored metal-organic tetrahedral nanocages with aggregation-induced emission for an anti-counterfeiting ink and stimulus-responsive luminescence. New Journal of Chemistry, 2022, 46, 8062-8068.	2.8	11
910	Achieving AIE from ACQ in positional isomeric triarylmethanes. New Journal of Chemistry, 0, , .	2.8	2
911	Engineering Au Nanoclusters for Relay Luminescence Enhancement with Aggregation-Induced Emission. Nanomaterials, 2022, 12, 777.	4.1	2
912	Antipermeability Strategy to Achieve Extremely High Specificity and Ultralong Imaging of Diverse Cell Membranes Based on Restriction-Induced Emission of AIEgens. Analytical Chemistry, 2022, 94, 4048-4058.	6.5	7
913	Photostable Aggregation-Induced Emission Photosensitizer Nanoparticle/Hyaluronic Acid Hydrogel for Efficient Photodynamic Tooth Bleaching. ACS Applied Nano Materials, 2022, 5, 5944-5951.	5.0	4
914	Rational design of allosteric switchable catalysts. Exploration, 0, , 20210095.	11.0	9
915	Thymine-Induced Dynamic Switching of Self-Assembled Nanofibers in Diaminotriazine-Functionalized Tetraphenylethylene Derivatives: Implications for One-Dimensional Molecular Devices. ACS Applied Nano Materials, 2022, 5, 3018-3027.	5.0	4
916	Fluorescent TPE Macrocyclic Relayed Light-Harvesting System for Bright Customized-Color Circularly Polarized Luminescence. Journal of the American Chemical Society, 2022, 144, 5389-5399.	13.7	75
917	Aggregation-Induced Emission Luminogen Catalyzed Photocontrolled Reversible Addition-Fragmentation Chain Transfer Polymerization in an Aqueous Environment. Macromolecules, 2022, 55, 2904-2910.	4.8	10
918	Synthesis and characterization of fluorescence active G4-quartet and direct evaluation of self-assembly impact on emission. Chinese Chemical Letters, 2022, 33, 4203-4207.	9.0	4
919	Design and Synthesis of New Bithiophene Based Planar AIE Red Light Emitters: A Detailed Theoretical and Experimental Analysis**. ChemistrySelect, 2022, 7, .	1.5	2
920	Quadruple Functionalization of a Tetraphenylethylene Aromatic Scaffold with Ynamides or Tetracyanobutadienes: Synthesis and Optical Properties. European Journal of Organic Chemistry, 2022, .	2.4	7
921	Mapping physiological and pathological functions of cortical vasculature through aggregation-induced emission nanoprobe assisted quantitative, in vivo NIR-II imaging. , 2022, 136, 212760.		12
922	Isomeric Pair of <i>E</i>/<i>Z</i> Tetraphenylethylene-Cored Luminogens Showing Distinguishing Mechanoresponsive Luminescence Turn-On and Two-Color Behavior. Journal of Physical Chemistry C, 2022, 126, 6491-6498.	3.1	6
923	The Application of Aggregation-Induced Emission in Photodynamic Therapy. Materials Science Forum, 0, 1058, 79-84.	0.3	0

#	ARTICLE	IF	CITATIONS
924	Förster and Dexter energy transfer boosted and weakened respectively by host-guest complexations between cyano-containing perylene diimide and BODIPY/diiodo-BODIPY functionalized pillar[5]arenes. <i>Dyes and Pigments</i> , 2022, 202, 110297.	3.7	2
925	Cross-Linking Induced Emission of Polymer Micelles for High-Contrast Visualization Level 3 Details of Latent Fingerprints. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16746-16754.	8.0	49
926	Restriction of intramolecular torsion induces abnormal blue-shifted fluorescence in the aggregate state. <i>Dyes and Pigments</i> , 2022, 201, 110192.	3.7	16
927	Aggregation induced emission (AIE)-active ferrocene conjugated linear π -extended multi donor-acceptor (D-D π^2 -A) chromophores: Synthesis, structural, theoretical, linear and nonlinear optical studies. <i>Dyes and Pigments</i> , 2022, 201, 110193.	3.7	17
928	Rational design of state-depending photoactivatable and photoconvertible fluorescent AIEgens through a rapid photocyclodehydrogenation reaction. <i>Dyes and Pigments</i> , 2022, 201, 110235.	3.7	12
929	Maternal transfer and biodistribution of citrate and luminogens coated silver nanoparticles in medaka fish. <i>Journal of Hazardous Materials</i> , 2022, 433, 128862.	12.4	9
930	Aggregation-Induced Enhanced Emission-Active Zinc(II) π^2 -Diketiminato Complexes Enabling High-Performance Solution-Processable OLEDs. <i>Inorganic Chemistry</i> , 2021, 60, 19128-19135.	4.0	7
931	Computational design of ratiometric two-photon fluorescent Zn ²⁺ probes based on quinoline and di-2-picolyamine moieties. <i>Chinese Physics B</i> , 2022, 31, 053302.	1.4	1
932	Hierarchical Self-Assembly and Multidynamic Responsiveness of Fluorescent Dynamic Covalent Networks Forming Organogels. <i>Biomacromolecules</i> , 2022, 23, 431-442.	5.4	10
933	A Novel L-Shaped Fluorescent Probe for AIE Sensing of Zinc (II) Ion by a DR/NIR Response. <i>Molecules</i> , 2021, 26, 7347.	3.8	6
934	Modular and stereoselective synthesis of tetrasubstituted vinyl sulfides leading to a library of AIEgens. <i>Nature Communications</i> , 2021, 12, 7298.	12.8	24
935	4-Azidocinnoline-Cinnoline-4-amine Pair as a New Fluorogenic and Fluorochromic Environment-Sensitive Probe. <i>Molecules</i> , 2021, 26, 7460.	3.8	2
936	Hydrophilic Tetraphenylethene-Based Tetracationic Cyclophanes: NADPH Recognition and Cell Imaging With Fluorescent Switch. <i>Frontiers in Chemistry</i> , 2021, 9, 817720.	3.6	4
937	Electrochemiluminescent sensor based on an aggregation-induced emission probe for bioanalytical detection. <i>Analyst</i> , 2022, 147, 2338-2354.	3.5	9
942	R π -D π -A and R π -D π^2 -A Structured AIEgens: Relationship between Electronic, Conformational Characteristics and Photophysical Properties. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3082-3089.	2.6	0
943	Helix-Sense-Selective Polymerization of Achiral Monomers for the Preparation of Chiral Helical Polyacetylenes Showing Intense CPL in Solid Film State. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200111.	3.9	8
945	Interplay of Anion- π and π - π^+ Interactions in Applications in Live Cell Mitochondrial Imaging. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	6
947	Thermo-Induced Fluorochromism in Two AIE Zinc Complexes: A Deep Insight into the Structure-Property Relationship. <i>Molecules</i> , 2022, 27, 2551.	3.8	3

#	ARTICLE	IF	CITATIONS
949	Golgi apparatus-targeted aggregation-induced emission luminogens for effective cancer photodynamic therapy. <i>Nature Communications</i> , 2022, 13, 2179.	12.8	83
950	Solid-state fluorescence of a quasi-isostructural polymorphic biphenyl based Michael addition product. <i>CrystEngComm</i> , 2022, 24, 4262-4273.	2.6	1
951	A coumarin coupled tetraphenylethylene based multi-targeted AIEgen for cyanide ion and nitro explosive detection, and cellular imaging. <i>Analyst</i> , The, 2022, 147, 2997-3006.	3.5	7
952	Successive construction of cucurbit[8]uril-based covalent organic frameworks from a supramolecular organic framework through photochemical reactions in water. <i>Science China Chemistry</i> , 2022, 65, 1279-1285.	8.2	7
953	Development and application of non-conventional luminophores with aggregation based emission. <i>Dyes and Pigments</i> , 2022, 205, 110354.	3.7	10
954	Synthesis and Characterization of Diketopyrrolopyrrole-Based Aggregation-Induced Emission Nanoparticles for Bioimaging. <i>Molecules</i> , 2022, 27, 2984.	3.8	2
955	Visualization of Enantiorecognition and Resolution by Chiral AIEgens. <i>ACS Nano</i> , 2022, 16, 8223-8232.	14.6	14
956	Fabrication of chitosan based luminescent nanoprobe with aggregation-induced emission feature through ultrasonic treatment. <i>Carbohydrate Polymers</i> , 2022, 291, 119487.	10.2	8
957	Facile synthesis of phenothiazine-pyrazine-based donor-acceptor-donor regioisomers: Influence of molecular geometry on aggregation-induced emission. <i>Dyes and Pigments</i> , 2022, 204, 110402.	3.7	1
958	An effective long-wavelength fluorescent sensor for Cu ²⁺ based on dibenzylidenehydrazine-bridged biphenylacrylonitrile. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4707-4716.	3.7	5
959	Characterizing Nonuniform Hydrogel Elastic Moduli Using Autofluorescence. <i>Macromolecules</i> , 0, , .	4.8	2
960	Self-Assembled Nonlinear Optical Crystals Based on an Asymmetric Fluorenone Derivative. <i>Crystal Growth and Design</i> , 2022, 22, 3998-4004.	3.0	8
961	Aggregation-induced emission: An emerging concept in brain science. <i>Biomaterials</i> , 2022, 286, 121581.	11.4	20
962	Halogen atoms induced reversible supramolecular assembly and pH-response of the fluorescence properties: Low driving force triggered fluorescence switch with high SNR and high stability. <i>Journal of Molecular Structure</i> , 2022, 1265, 133319.	3.6	7
963	A supramolecular photosensitizer derived from an Arene-Ru(II) complex self-assembly for NIR activated photodynamic and photothermal therapy. <i>Nature Communications</i> , 2022, 13, .	12.8	58
964	Cholesterol decorated thiophene-vinyl nitrile derivatives: Synthesis, mesophase and circularly polarized luminescence. <i>Journal of Luminescence</i> , 2022, 249, 119027.	3.1	2
965	Mechanochromic and AIE active fluorescent probes for solution and vapor phase detection of picric acid: Application of logic gate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 432, 114057.	3.9	24
966	Achieving diversified emissive behaviors of AIE, TADF, RTP, dual-RTP and mechanoluminescence from simple organic molecules by positional isomerism. <i>Journal of Materials Chemistry C</i> , 2022, 10, 10009-10016.	5.5	11

#	ARTICLE	IF	CITATIONS
967	Near-Infrared-Emissive AIE Bioconjugates: Recent Advances and Perspectives. <i>Molecules</i> , 2022, 27, 3914.	3.8	8
968	A near-infrared ratiometric fluorescent probe with large stokes shift for rapid detection of ClO ⁻ in living cells. <i>Journal of Molecular Structure</i> , 2022, 1267, 133570.	3.6	4
969	Synthesis and Characterization of Supramolecular Nanotubes of Tetraphenylethylene-Porphyrin Conjugates. <i>Science of Advanced Materials</i> , 2022, 14, 560-568.	0.7	0
970	On degree based topological indices of self-assembled tetraphenylethylene and terpyridine rosettes. <i>International Journal of Quantum Chemistry</i> , 2022, 122, .	2.0	3
971	Dehydrative Substitution Reaction in Water for the Preparation of Unsymmetrically Substituted Triarylmethanes: Synthesis, Aggregation-Enhanced Emission, and Mechanofluorochromism. <i>ChemPlusChem</i> , 2022, 87, .	2.8	2
972	A volatile basic nitrogens-responsive tag based on aggregation-induced emission luminogen for real-time monitoring and in situ visualization of salmon freshness. <i>Analytica Chimica Acta</i> , 2022, 1221, 340122.	5.4	29
973	Programmable design and self assembly of peptide conjugated AIEgens for biomedical applications. <i>Biomaterials</i> , 2022, 287, 121655.	11.4	10
974	AIEgens assisted label free DNA supersandwich immunoassay for ultrasensitive β -fetoprotein detection. <i>Giant</i> , 2022, 11, 100110.	5.1	2
975	Protease-Responsive Peptide-Conjugated Mitochondrial-Targeting AIEgens for Selective Imaging and Inhibition of SARS-CoV-2-Infected Cells. <i>ACS Nano</i> , 2022, 16, 12305-12317.	14.6	25
976	Combined Skeleton and Spatial Rigidification of AIEgens in 2D Covalent Organic Frameworks for Boosted Fluorescence Emission and Sensing of Antibiotics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 37853-37864.	8.0	18
977	Fatty Acids/Tetraphenylethylene Conjugates: Hybrid AIEgens for the Preparation of Peptide-Based Supramolecular Gels. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	3
978	AIEgens Based on Anion- π Interactions: Design, Synthesis, Photophysical Properties, and Their Applications in Material Science and Biology. <i>ChemBioChem</i> , 2022, 23, .	2.6	3
979	First Gemini-type fluorescent ionic liquid crystals: Synthesis, fluorescence emission and self-assembly in liquid crystals and gels. <i>Dyes and Pigments</i> , 2022, 206, 110667.	3.7	5
980	Intracellular accumulation, dissolution, and distribution of AIEgen-coated silver nanoparticles in hemocyte subpopulations of oysters. <i>Journal of Hazardous Materials</i> , 2022, 440, 129849.	12.4	4
981	A simple AIEgen photosensitizer with cucurbit[7]uril selective detection amantadine and application in mitochondrion imaging. <i>Microchemical Journal</i> , 2022, 182, 107942.	4.5	4
982	Tetraphenylbenzene-modified photonic crystal structure colour coating on fabric substrates for dual-mode anticounterfeiting. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 655, 130044.	4.7	4
983	Pyridine-based probes and chemosensors. , 2023, , 445-503.		0
984	Luminescence color change of [3,4-difluoro-2,6-bis(5-methyl-2-pyridyl)phenyl- Ir^{III}] ³⁺ N^+ , C^+ , N^+ C^+ cyanidoplatinum(C^+) by aggregation. <i>Dalton Transactions</i> , 2022, 51, 15830-15841.		

#	ARTICLE	IF	CITATIONS
985	Tuning the organelle-imaging specificity of an aggregation-induced emission luminogen with reversible mechanochromism by ionization. <i>Materials Advances</i> , 2022, 3, 7590-7594.	5.4	2
986	Dramatic emission enhancement of aggregation-induced emission luminogens by dynamic metal coordination bonds and the anti-heavy-atom effect. <i>Chemical Communications</i> , 2022, 58, 10837-10840.	4.1	5
987	Extremely Stable Thorium-MOF Assembly of Tetraphenylethylene Derivative With Tunable AIE Property and Highly Selective Detection of Nitro Aromatic Compounds. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	8
988	Stimuli-Responsive Aggregation-Induced Emission (AIE)-Active Polymers for Biomedical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4207-4229.	5.2	13
989	A Novel Triphenylamine-Based Flavonoid Fluorescent Probe with High Selectivity for Uranyl in Acid and High Water Systems. <i>Sensors</i> , 2022, 22, 6987.	3.8	3
990	Fluorescent Imaging and Sorting of High-Lipid-Content Strains of Green Algae by Using an Aggregation-Induced Emission Luminogen. <i>ACS Nano</i> , 2022, 16, 14973-14981.	14.6	4
991	Interrogating the impact of aggregation-induced emission nanoparticles on in vitro protein stability, ex vivo protein homeostasis, and in vivo biocompatibility. <i>Aggregate</i> , 2022, 3, .	9.9	7
992	Multifunctional nanoprobe for macrophage imaging. <i>Biomaterials</i> , 2022, 290, 121824.	11.4	7
993	Enantioselective construction of axially chiral cyclohexylidene scaffolds via Pd-catalyzed asymmetric coupling reaction. <i>Chem Catalysis</i> , 2022, 2, 3196-3206.	6.1	5
994	AIE-based drug/gene delivery system: Evolution from fluorescence monitoring alone to augmented therapeutics. <i>Aggregate</i> , 2022, 3, .	9.9	15
995	Bio-inspired polymer array vapor sensor with dual signals of fluorescence intensity and wavelength shift. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	0
996	A Portable Fluorescence Sensor with Improved Performance for Aniline Monitoring. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	5
997	Modulation of Imine-based Aggregation-Induced Emission Fluorescence Performance Through the Extension of Molecular Linkers. <i>Asian Journal of Organic Chemistry</i> , 2023, 12, .	2.7	4
998	From single molecule to molecular aggregation science. <i>Coordination Chemistry Reviews</i> , 2023, 475, 214872.	18.8	29
999	Discovery of resonance-enhanced emission effect and its application in the design of fluorescent molecules. <i>Journal of Materials Chemistry C</i> , 2022, 10, 17695-17702.	5.5	2
1000	A Critical Systematic Review of Developing Aptasensors for Diagnosis and Detection of Diabetes Biomarkers. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1795-1817.	3.5	1
1001	Stimuli-Responsive Electrospun Fluorescent Fibers Augmented with Aggregation-Induced Emission (AIE) for Smart Applications. <i>Advanced Science</i> , 2023, 10, .	11.2	23
1002	AIEgens: Next Generation Signaling Source for Immunoassays?. <i>ACS Sensors</i> , 2022, 7, 3243-3257.	7.8	5

#	ARTICLE	IF	CITATIONS
1003	Glycolipid- π -Type Amphiphiles with a Small Anilinochloromaleimide- π -Based Luminogen Exhibiting Aggregation-Induced Emission. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0
1004	An esterase-sensitive AIEgen probe targeting mitochondria and lipid droplets for assessing cell viability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2023, 287, 122122.	3.9	4
1005	Design and Synthesis of Novel Aggregation-Induced Luminescence Molecules Based on Isoquinoline. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 3776.	1.3	0
1006	Aggregation assisted turn-on response of ANS dye towards protamine. <i>New Journal of Chemistry</i> , 2023, 47, 2107-2116.	2.8	5
1007	Nano-sized aggregation induced emissive probe for highly sensitive hypochlorous acid detection. <i>Dyes and Pigments</i> , 2023, 210, 111016.	3.7	4
1008	In situ coordination interactions between metal-organic framework nanoemitters and coreactants for enhanced electrochemiluminescence in biosensing. <i>Biosensors and Bioelectronics</i> , 2023, 222, 114920.	10.1	8
1009	Aggregation-Induced Emission in a Polymeric Photovoltaic Donor Material. <i>Journal of Physical Chemistry C</i> , 2022, 126, 20275-20283.	3.1	2
1010	A Highly Efficient Fluorescent Sensor Based on AIEgen for Detection of Nitrophenolic Explosives. <i>Molecules</i> , 2023, 28, 181.	3.8	5
1011	Ir(III) Complexes with AIE Characteristics for Biological Applications. <i>Biosensors</i> , 2022, 12, 1104.	4.7	9
1012	Recent Advances in Nanomaterial-Based Sensing for Food Safety Analysis. <i>Processes</i> , 2022, 10, 2576.	2.8	4
1013	Polymerization-Enhanced Photophysical Performances of AIEgens for Chemo/Bio-Sensing and Therapy. <i>Molecules</i> , 2023, 28, 78.	3.8	4
1014	Photoinduced Electron Transfer and Aggregation-Induced Emission in 1,8-Naphthalimide Probes as a Platform for Detection of Acid/Base Vapors. <i>Photonics</i> , 2022, 9, 994.	2.0	5
1015	Redox Active cAAC-Fluorene/Indene Systems Displaying Solvatochromism, Green Luminescence and pH Sensing: Functionalization of Fluorenyl/Indenyl Rings with Radical Carbene. <i>Chemistry - an Asian Journal</i> , 2023, 18, .	3.3	1
1016	High-Efficiency Solid-State Luminescence from Hydrophilic Carbon Dots with Aggregation-Induced Emission Characteristics. <i>Advanced Functional Materials</i> , 2023, 33, .	14.9	30
1017	Selective chemical reagents to investigate the role of caspase 6 in apoptosis in acute leukemia T cells. <i>Chemical Science</i> , 2023, 14, 2289-2302.	7.4	2
1018	Noncancerous disease-targeting AIEgens. <i>Chemical Society Reviews</i> , 2023, 52, 1024-1067.	38.1	30
1019	An effective fluorescence sensor for herbicide haloxyfop-P-methyl based on cyclic bicyanostilbene imidazole salt. <i>Sensors and Actuators B: Chemical</i> , 2023, 380, 133330.	7.8	5
1020	Rationally designed fluorescent probes using target specific cascade reactions. <i>Sensors and Actuators B: Chemical</i> , 2023, 380, 133282.	7.8	1

#	ARTICLE	IF	CITATIONS
1021	An aggregation induced emission active bis-heteroleptic ruthenium(π -conjugated) complex for luminescence light-up detection of pyrophosphate ions. Dalton Transactions, 2023, 52, 2592-2602.	3.3	3
1022	Aggregation-Induced Emission-Active Nanostructures: Beyond Biomedical Applications. ACS Nano, 2023, 17, 1845-1878.	14.6	34
1023	Recent advances of aggregation-induced emission materials in enhancing solar energy utilization. Nanoscale Horizons, 0, , .	8.0	2
1024	A Recent Update on Rhodamine Dye Based Sensor Molecules: A Review. Critical Reviews in Analytical Chemistry, 0, , 1-27.	3.5	6
1025	A biocompatible polyurethane fluorescent emulsion with aggregation-induced emission for targeted tumor imaging. Journal of Materials Chemistry B, 2023, 11, 2266-2275.	5.8	3
1026	Metal-Organic Dimerization of Dissymmetrical Ligands toward Customized Through-Space Chromophore Interactions. Chemistry of Materials, 2023, 35, 1788-1795.	6.7	2
1027	Label-Free Fluorescence Turn-On Detection of Histidine-Tagged Proteins Based on Intramolecular Rigidification Induced Emission. ChemistrySelect, 2023, 8, .	1.5	0
1028	Synthesis and Application of Fluorescent Polymer Micro- and Nanoparticles. Small, 2023, 19, .	10.0	9
1029	A novel red-emitting aggregation-induced emission probe for determination of β -glucosidase activity. Biomaterials, 2023, 295, 122046.	11.4	9
1030	Grouping illuminants by aggregation-induced emission (AIE) mechanisms for designing sensing platforms for food quality and safety inspection. Trends in Food Science and Technology, 2023, 134, 232-246.	15.1	7
1031	Rational design AIE fluorescent probes for wash-free and lipid droplet specific imaging of fatty liver based on coumarin. Dyes and Pigments, 2023, 212, 111137.	3.7	6
1032	A review on pyrene based chemosensors for the specific detection on d-transition metal ions and their various applications. Journal of Environmental Chemical Engineering, 2023, 11, 109701.	6.7	7
1033	Positional isomerism mediated the self-assembly and optical properties of amphiphilic cyanostyrene-based mesogens. Journal of Luminescence, 2023, 258, 119810.	3.1	6
1034	Utilization of host assisted aggregation-induced emission of ANS dye for ATP sensing. Journal of Molecular Liquids, 2023, 376, 121402.	4.9	2
1035	Enhanced π -conjugation in hybridized local and charge transfer state by intramolecular hydrogen bonding to construct efficient red emitters for OLEDs and cellular imaging. Dyes and Pigments, 2023, 215, 111290.	3.7	0
1036	Viewing Aggregation-Induced Emission of Metal Nanoclusters from Design Strategies to Applications. Nanomaterials, 2023, 13, 470.	4.1	7
1037	A color-change fluorescence sensor for oleanolic acid based on chiral camphanic decorated bis-cyanostilbene. Analytical and Bioanalytical Chemistry, 2023, 415, 1855-1863.	3.7	1
1038	Paper-based device for nanomolar detection of Cd ²⁺ using AIEE-active imidazolium ionic liquid functionalized phenothiazine based Schiff-Base. Journal of Molecular Liquids, 2023, 376, 121490.	4.9	6

#	ARTICLE	IF	CITATIONS
1039	Stereoselective Synthesis of Tetraarylethylenes Enabled by Reductive <i>anti</i> -1,2-Dimetallation of Alkynes. Chemistry - A European Journal, 2023, 29, .	3.3	4
1040	Effects of Hydrogen Bonds on Two-Photon Absorption of Green Fluorescent Protein Chromophore Analogue. Chinese Journal of Chemical Physics, 0, .	1.3	0
1041	Structural Engineering of Red Luminogens to Realize High Emission Efficiency through ACQ-to-AIE Transformation. Chemistry - A European Journal, 2023, 29, .	3.3	4
1042	Enantioselective Synthesis of 6/5-Spirosilafluorenes by Asymmetric Ring Expansion of 4/5-Spirosilafluorenes with Alkynes. Organic Letters, 2023, 25, 1558-1563.	4.6	8
1043	A Non-Immunized and BSA-Template Aggregation-Induced Emission Sensor for Noninvasive Detection of Cystatin C in the Clinical Diagnosis of Diabetes Nephropathy. ACS Sensors, 2023, 8, 1431-1439.	7.8	1
1044	Probing the Interactions Between Anthanthrene Derivatives and Bovine Serum Albumin (BSA) Through Aggregation Induced Emission. ChemistrySelect, 2023, 8, .	1.5	0
1045	Efficient light harvesting in self-assembled organic luminescent nanotubes. Chemical Science, 2023, 14, 4363-4374.	7.4	2
1046	Largely conjugated planar acceptor and rotatable donors to construct AIEgens with large molar extinction coefficients for the detection of metal ions. New Journal of Chemistry, 0, .	2.8	0
1047	9,10-Bis(diphenylmethylene)-9,10-dihydroanthracene-based metal-organic assemblies with aggregation-induced emission for multiple sensing. Chinese Chemical Letters, 2023, 34, 108439.	9.0	2
1048	Design and synthesis of photostable triphenylamine based neutral AIE nano luminogens: specific and long-term tracking of mitochondria in cells. Biomaterials Science, 2023, 11, 3938-3951.	5.4	3
1049	Synthesis of Fluorophore Based Functional Material for Selective Detection of Al ³⁺ Ion in Water and Decoding the AIEE Property of Its Hydrosol. Journal of Fluorescence, 0, .	2.5	0
1050	An Alkaline Phosphatase-Responsive Aggregation-Induced Emission Photosensitizer for Selective Imaging and Photodynamic Therapy of Cancer Cells. ACS Nano, 2023, 17, 7145-7156.	14.6	18
1051	Selective Visualization of Tumor Cell Membranes and Tumors with a Viscosity-Sensitive Plasma Membrane Probe. Analytical Chemistry, 2023, 95, 7254-7261.	6.5	11
1052	Aryl-Vinyl 1,4-Nickel Migration/Reductive Cross-Coupling Reaction for the Stereoselective Synthesis of Multisubstituted Olefins. Angewandte Chemie, 0, .	2.0	0
1053	Development of a novel AIE active piperazine appended chemosensor for solvent-regulated selective detection of IIB elements [Zn(ⁱⁱ), Cd(ⁱⁱ), Hg(ⁱⁱ)], Cl ⁺ and picric acid <i>via</i> varying emission colors to distinguish one another: environmental and biological applications. New Journal of Chemistry, 2023, 47, 9721-9734.	2.8	2
1054	Tracking the Dissolution Surface Kinetics of a Single Fluorescent Cyclodextrin Metal-Organic Framework by Confocal Laser Scanning Microscopy. Langmuir, 2023, 39, 6681-6690.	3.5	0
1055	A Review of Functional Hydrogels for Flexible Chemical Sensors. , 2024, 3, .		5
1056	Ligand and Gold(I) Fluorescein-AIEgens as Photosensitizers in Solution and Doped Polymers. Inorganic Chemistry, 2023, 62, 7131-7140.	4.0	3

#	ARTICLE	IF	CITATIONS
1057	Mitochondria-Targeted Fluorescent Nanoparticles with Large Stokes Shift for Long-Term Biolmaging. <i>Molecules</i> , 2023, 28, 3962.	3.8	4
1058	Multifunctional polysaccharide nanoprobes for biological imaging. <i>Carbohydrate Polymers</i> , 2023, 317, 121048.	10.2	8
1059	Polycyclic Aromatic Hydrocarbonâ€based Soft Materials: Applications in Fluorescent Detection, Gelation, AIEE and Mechanochromism. <i>Chemistry - an Asian Journal</i> , 2023, 18, .	3.3	5
1060	Biomimetic Approach toward Kinetically Stable AIE-Gens under Physiological Conditions. <i>Journal of Physical Chemistry B</i> , 2023, 127, 5257-5262.	2.6	0
1061	Restriction of intramolecular bending (RIB) enables the quantitative design of AIEgens. <i>Journal of Materials Chemistry C</i> , 2023, 11, 10205-10214.	5.5	2
1062	Platinum Metallacycleâ€Based Molecular Recognition: Establishment and Application in Spontaneous Formation of a [2]Rotaxane with Lightâ€Harvesting Property. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	13.8	6
1063	Platinum Metallacycleâ€Based Molecular Recognition: Establishment and Application in Spontaneous Formation of a [2]Rotaxane with Lightâ€Harvesting Property. <i>Angewandte Chemie</i> , 0, , .	2.0	0
1064	Unraveling the Mechanism of ACQ-to-AIE Transformation of Fluorescein Derivatives. <i>Journal of Physical Chemistry A</i> , 2023, 127, 5193-5201.	2.5	1
1065	An interesting fluorescent probe with aggregation-induced emission for highly sensitive and selective detection of Hg ²⁺ . <i>Tetrahedron Letters</i> , 2023, 125, 154612.	1.4	2
1066	NIR-AIEgens nanospheres featuring high-fidelity dynamic lipid droplet targeting, expediting ferroptosis to annihilating tumor in hypoxia. <i>Chemical Engineering Journal</i> , 2023, 470, 144125.	12.7	4
1067	Precise design and synthesis of an AIE-active glutathione fluorescent probe and its exogenous biological imaging. <i>Dyes and Pigments</i> , 2023, 218, 111481.	3.7	1
1068	Organic Nanoparticles with Aggregation-Induced Emission and Two-Photon Excitation for Fluorescence Imaging of Living Cells/Tissues. <i>ACS Applied Bio Materials</i> , 2023, 6, 2849-2859.	4.6	3
1069	Interactions of Amino Group Functionalized Tetraphenylvinyl and DNA: A Label-Free â€œOn-Off-Onâ€ Fluorescent Aptamer Sensor toward Ampicillin. <i>Biosensors</i> , 2023, 13, 504.	4.7	3
1070	Gelatinous lanthanide coordination polymer with aggregation-enhanced antenna effect for ratiometric detection of endogenous alkaline phosphatase. <i>Journal of Colloid and Interface Science</i> , 2023, 645, 338-349.	9.4	2
1071	Arylâ€toâ€Vinyl 1,4â€Nickel Migration/Reductive Crossâ€Coupling Reaction for the Stereoselective Synthesis of Multisubstituted Olefins. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	13.8	6
1072	In house synthesized novel distyryl-BODIPY dye and polymer assembly as deep-red emitting probe for protamine detection. <i>Talanta</i> , 2023, 265, 124915.	5.5	2
1073	Synthesis and properties of D-â€A triphenylamine derivatives with solvatochromism and bioimaging application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2023, 444, 115002.	3.9	0
1074	Spectral Regulation of Carbon Dots and the Realization of Single-Component Solar-Simulated White Light-Emitting Diodes. <i>ACS Photonics</i> , 2023, 10, 2730-2738.	6.6	2

#	ARTICLE	IF	CITATIONS
1076	Improving Copper(II) Sensitivity by Combined use of AIEE Active and Inactive Schiff Bases. Journal of Fluorescence, 0, , .	2.5	2
1077	A near-infrared aggregation-induced emission probe for imaging lipid droplet and in vivo visualization of diabetes-related viscosity variations. Sensors and Actuators B: Chemical, 2023, 394, 134347.	7.8	4
1078	Recent Progress of Activity-Based Fluorescent Probes for Imaging Leucine Aminopeptidase. Biosensors, 2023, 13, 752.	4.7	1
1079	Framework-Enhanced Electrochemiluminescence in Biosensing. Chemosensors, 2023, 11, 422.	3.6	2
1080	γ -Glutamyltranspeptidase (GGT) Sensitive Fluorescence Probes for Cancer Diagnosis; Brief Review. Journal of Fluorescence, 0, , .	2.5	1
1081	A tetraphenylethylene-based acylhydrazone Schiff base macrocycle exhibiting aggregation-induced emission and "turn-on" detection of Al ³⁺ ions. Tetrahedron, 2023, 144, 133595.	1.9	0
1082	Biomedical application of aggregation-induced emission luminogen-based fluorescent sensors. TrAC - Trends in Analytical Chemistry, 2023, 167, 117252.	11.4	5
1083	Exploration of Water-Soluble Natural AIEgens Boosting Label-Free Turn-on Fluorescent Sensing in a DNA Hydrogel. Analytical Chemistry, 2023, 95, 13864-13871.	6.5	4
1084	A phosphorus-based olefin linked fully conjugated polymeric ligand for palladium-catalyzed <i>trans</i> -selective dicarbofunctionalization of internal alkynes. Journal of Materials Chemistry A, 2023, 11, 20752-20760.	10.3	2
1085	Aggregation-induced emission polymers via reversible deactivation radical polymerization. Aggregate, 2024, 5, .	9.9	1
1086	A novel near-infrared fluorescent probe for ultrasensitive and visual detection of mitochondrial viscosity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2024, 304, 123329.	3.9	2
1087	Recent advances in fluorescence biosensor for caspase detecting and imaging in biomedical applications. TrAC - Trends in Analytical Chemistry, 2023, 168, 117337.	11.4	1
1088	Berberine and cyclodextrin based supramolecular assembly for the detection of a cancer biomarker in complex biomatrices via indicator displacement assay. Microchemical Journal, 2023, 194, 109366.	4.5	1
1089	A Novel Fluorescence Sensor for Iodide Detection Based on the 1,3-Diaryl Pyrazole Unit with AIE and Mechanochromic Fluorescence Behavior. Molecules, 2023, 28, 7111.	3.8	2
1090	Microscopic Perspective of Synergy between Localized Surface Plasmon Resonance and Disruption of Dye Aggregates in Metal Nanoparticle-Enhanced Fluorescence. ACS Applied Nano Materials, 2023, 6, 17539-17547.	5.0	0
1091	The Role of Structural Hydrophobicity on Cationic Amphiphilic Aggregation-Induced Emission Photosensitizer-Bacterial Interaction and Photodynamic Efficiency. ACS Nano, 2023, 17, 17004-17020.	14.6	5
1092	A highly specific chalcone derivative grafted ethylcellulose fluorescent probe for rapid and sensitive detection of Al ³⁺ in actual environmental and food samples. International Journal of Biological Macromolecules, 2023, 252, 126475.	7.5	1
1093	Recent advances in small-molecule fluorescent photoswitches with photochromism in diverse states. Journal of Materials Chemistry C, 2023, 11, 15393-15411.	5.5	7

#	ARTICLE	IF	CITATIONS
1094	Recent advances in the design of afterglow materials: mechanisms, structural regulation strategies and applications. <i>Chemical Society Reviews</i> , 2023, 52, 8005-8058.	38.1	9
1095	Copper-Catalyzed Fluoroalkylphosphorothiolation of Alkynes for the Synthesis of (<i>E</i>)- β -Fluoroalkyl Vinyl Phosphorothioates. <i>Organic Letters</i> , 2023, 25, 8296-8301.	4.6	1
1096	Endowing an amphiphilic aggregation-induced emission molecule with turn-on fluorescence in both latent fingerprints development and antibiotics detection. <i>Sensors and Actuators B: Chemical</i> , 2024, 401, 135045.	7.8	0
1097	Fluorescent probes based on quinoline and naphthidine derivatives with NIR and AIE properties for real-time monitoring mitochondrial viscosity during mitophagy. <i>Sensors and Actuators B: Chemical</i> , 2024, 401, 135010.	7.8	0
1098	Dye-Decorated Functional Materials. <i>Indian Institute of Metals Series</i> , 2024, , 401-429.	0.3	0
1099	Aggregation-induced emission (AIE)-active metallacycles with near-infrared emission for photodynamic therapy. <i>Chemical Communications</i> , 2023, 59, 14021-14024.	4.1	2
1100	Aggregation-induced emission luminogen based ELISA for highly sensitive protein detection. <i>Sensors and Actuators B: Chemical</i> , 2024, 401, 134961.	7.8	1
1101	A near-infrared aggregation-induced emission photosensitizer targeting mitochondria for depleting Cu ²⁺ to trigger light-activated cancer cells oncosis. <i>Bioorganic Chemistry</i> , 2024, 143, 107020.	4.1	0
1102	Recent advances of aggregation-induced emission in body surface organs. <i>Aggregate</i> , 0, , .	9.9	0
1103	Molecular Engineering Modulating the Singlet-Triplet Energy Splitting of Indolocarbazole-Based TADF Emitters Exhibiting AIE Properties for Nondoped Blue OLEDs with EQE of Nearly 20%. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 59643-59654.	8.0	2
1104	Natural Acceptor of Coumarin-Isomerized Red-Emissive BioAIEgen for Monitoring Cu ²⁺ Concentration in Live Cells via FLIM. <i>Advanced Science</i> , 2024, 11, .	11.2	2
1105	AIENP-Reinforced DISCO Method for Whole-Tissue 3D Reconstruction of Pulmonary Capillaries. <i>Advanced Functional Materials</i> , 0, , .	14.9	0
1106	A comprehensive review on recent advances in fluorescence-based bio-analytes sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2024, 171, 117493.	11.4	0
1108	Adjustable luminescence copper nanoclusters nanoswitch based on competitive coordination of samarium ions for cascade detection of adenosine triphosphate and acid phosphatase activity. <i>Mikrochimica Acta</i> , 2024, 191, .	5.0	0
1109	Research Progress and Prospect of Aggregation-Induced Emission Supramolecular Luminescence Materials. <i>Chinese Journal of Organic Chemistry</i> , 2023, 43, 4075.	1.3	0
1110	Dual/Multi-Modal Image-Guided Diagnosis and Therapy Based on Luminogens with Aggregation-Induced Emission. <i>Molecules</i> , 2024, 29, 371.	3.8	0
1111	Aggregation-Induced Emission-Armored Living Bacteriophage-DNA Nanobioconjugates for Targeting, Imaging, and Efficient Elimination of Intracellular Bacterial Infection. <i>ACS Nano</i> , 2024, 18, 3199-3213.	14.6	0
1112	Cation- π interactions enabled water-stable perovskite X-ray flat mini-panel imager. <i>Nature Communications</i> , 2024, 15, .	12.8	0

#	ARTICLE	IF	CITATIONS
1113	Symphony of light: AIE and MFC in carbazole-based cyanostilbenes. <i>Journal of Materials Chemistry C</i> , 2024, 12, 1923-1944.	5.5	0
1114	Multicolor AIE-active photoswitches with improved fatigue resistance by introducing asymmetric photoactive units. <i>Journal of Materials Chemistry C</i> , 2024, 12, 2552-2560.	5.5	0
1115	Synthesis of an aggregation-induced emission (AIE) dye with pH-sensitivity based on tetraphenylethylene-pyridine for fluorescent nanoparticles and its applications in bioimaging and in vitro anti-tumor effect. <i>Colloids and Surfaces B: Biointerfaces</i> , 2024, 234, 113750.	5.0	1
1116	Supramolecular Assembly Based on Calix(4)arene and Aggregation-Induced Emission Photosensitizer for Phototherapy of Drug-Resistant Bacteria and Skin Flap Transplantation. <i>Advanced Healthcare Materials</i> , 2024, 13, .	7.6	0
1117	A supramolecular oligo[2]rotaxane constructed by orthogonal platinum(II) metallacycle and pillar[5]arene-based host-guest interactions. <i>Chinese Chemical Letters</i> , 2024, , 109540.	9.0	0
1118	Two helical Schiff bases with AIE+ESIPT characteristics exhibiting selective ion recognition properties. <i>Dyes and Pigments</i> , 2024, 223, 111972.	3.7	0
1119	Monitoring Hierarchical Assembly of Ring-in-Ring and Russian Doll Complexes Based on Carbon Nanoring by Förster Resonance Energy Transfer. <i>Jacs Au</i> , 2024, 4, 402-410.	7.9	0
1120	Controlling aggregation-induced emission by supramolecular interactions and colloidal stability in ionic emitters for light-emitting electrochemical cells. <i>Chemical Science</i> , 2024, 15, 2755-2762.	7.4	0
1121	Excitation wavelength-dependent lanthanide-disalicylaldehyde coordination hybrid capable of distinguishing D2O from H2O. <i>Talanta</i> , 2024, 271, 125732.	5.5	0
1122	AIE-Active Ferrocene Appended Linear (D- π -A) Aromatic Ester Chromophores: Structural, Theoretical and Effect on Phenyl Ring on Luminescence and Nonlinear Optical Properties. <i>ChemistrySelect</i> , 2024, 9, .	1.5	0
1123	Fluorescent photoswitches with improved emission efficiency based on aggregation-induced emission luminogens by eliminating the heavy-atom effect. <i>Journal of Materials Chemistry C</i> , 2024, 12, 3498-3505.	5.5	0
1124	Excimer emission from polycyclic arenes bearing triphenylmethyl group: Solid-state fluorescence, mechanofluorochromism, aggregation-induced emission and cell imaging application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2024, 312, 124035.	3.9	0
1125	Aggregation-Induced Emission-Based Chemiluminescence Systems in Biochemical Analysis and Disease Theranostics. <i>Molecules</i> , 2024, 29, 983.	3.8	0
1126	Remote-carbonyl-directed sequential Heck/isomerization/C(sp ²)-H arylation of alkenes for modular synthesis of stereodefined tetrasubstituted olefins. <i>Nature Communications</i> , 2024, 15, .	12.8	0
1127	Recent advances in super-resolution optical imaging based on aggregation-induced emission. <i>Chemical Society Reviews</i> , 2024, 53, 3350-3383.	38.1	0
1128	Surfactant-based supramolecular dye assembly: A highly selective and economically viable platform for quantification of heparin antidote. <i>Colloids and Surfaces B: Biointerfaces</i> , 2024, 237, 113839.	5.0	0