Dong Wang

List of Publications by Year
in descending order

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686	101,232	239	309
papers	citations	144 h-index	290 g-index

719	719	719	34590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aggregation-induced emission of 1-methyl-1,2,3,4,5-pentaphenylsilole. Chemical Communications, 2001, , 1740-1741.	2.2	6,387
2	Aggregation-Induced Emission: Together We Shine, United We Soar!. Chemical Reviews, 2015, 115, 11718-11940.	23.0	6,279
3	Aggregation-induced emission. Chemical Society Reviews, 2011, 40, 5361.	18.7	5,347
4	Aggregation-induced emission: phenomenon, mechanism and applications. Chemical Communications, 2009, , 4332.	2.2	3,438
5	Aggregationâ€Induced Emission: The Whole Is More Brilliant than the Parts. Advanced Materials, 2014, 26, 5429-5479.	11.1	2,737
6	Bioprobes Based on AIE Fluorogens. Accounts of Chemical Research, 2013, 46, 2441-2453.	7.6	1,607
7	The Golden Age of Transfer Hydrogenation. Chemical Reviews, 2015, 115, 6621-6686.	23.0	1,436
8	AIE macromolecules: syntheses, structures and functionalities. Chemical Society Reviews, 2014, 43, 4494-4562.	18.7	1,222
9	Biosensing by luminogens with aggregation-induced emission characteristics. Chemical Society Reviews, 2015, 44, 4228-4238.	18.7	1,128
10	Synthesis, Light Emission, Nanoaggregation, and Restricted Intramolecular Rotation of 1,1-Substituted 2,3,4,5-Tetraphenylsiloles. Chemistry of Materials, 2003, 15, 1535-1546.	3.2	1,082
11	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. Journal of Physical Chemistry C, 2009, 113, 15845-15853.	1.5	856
12	Changing the Behavior of Chromophores from Aggregationâ€Caused Quenching to Aggregationâ€Induced Emission: Development of Highly Efficient Light Emitters in the Solid State. Advanced Materials, 2010, 22, 2159-2163.	11.1	834
13	Aggregationâ€Induced Emission: New Vistas at the Aggregate Level. Angewandte Chemie - International Edition, 2020, 59, 9888-9907.	7.2	821
14	Room-temperature phosphorescence from organic aggregates. Nature Reviews Materials, 2020, 5, 869-885.	23.3	786
15	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. Journal of Materials Chemistry, 2010, 20, 1858.	6.7	785
16	Crystallization-Induced Phosphorescence of Pure Organic Luminogens at Room Temperature. Journal of Physical Chemistry C, 2010, 114, 6090-6099.	1.5	765
17	Tetraphenylethene: a versatile AIE building block for the construction of efficient luminescent materials for organic light-emitting diodes. Journal of Materials Chemistry, 2012, 22, 23726.	6.7	761
18	A Photostable AIE Luminogen for Specific Mitochondrial Imaging and Tracking. Journal of the American Chemical Society, 2013, 135, 62-65.	6.6	695

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19	Fast-Growing Field of Magnetically Recyclable Nanocatalysts. Chemical Reviews, 2014, 114, 6949-6985.	23.0	693
20	Specific light-up bioprobes based on AIEgen conjugates. Chemical Society Reviews, 2015, 44, 2798-2811.	18.7	674
21	Biocompatible Nanoparticles with Aggregationâ€Induced Emission Characteristics as Farâ€Red/Nearâ€Infrared Fluorescent Bioprobes for In Vitro and In Vivo Imaging Applications. Advanced Functional Materials, 2012, 22, 771-779.	7.8	599
22	Two-Dimensional Metalâ€“Organic Framework with Wide Channels and Responsive Turn-On Fluorescence for the Chemical Sensing of Volatile Organic Compounds. Journal of the American Chemical Society, 2014, 136, 7241-7244.	6.6	593
23	Efficient blue emission from siloles. Journal of Materials Chemistry, 2001, 11, 2974-2978.	6.7	590
24	Restriction of Intramolecular Motions: The General Mechanism behind Aggregationâ€Induced Emission. Chemistry - A European Journal, 2014, 20, 15349-15353.	1.7	578
25	Aggregation-induced emission: fundamental understanding and future developments. Materials Horizons, 2019, 6, 428-433.	6.4	564
26	Specific Detection of <scp>d</scp>-Glucose by a Tetraphenylethene-Based Fluorescent Sensor. Journal of the American Chemical Society, 2011, 133, 660-663.	6.6	551
27	Real-Time Monitoring of Cell Apoptosis and Drug Screening Using Fluorescent Light-Up Probe with Aggregation-Induced Emission Characteristics. Journal of the American Chemical Society, 2012, 134, 17972-17981.	6.6	545
28	Fluorescent Sensors Based on Aggregation-Induced Emission: Recent Advances and Perspectives. ACS Sensors, 2017, 2, 1382-1399.	4.0	521
29	Supramolecular materials based on AIE luminogens (AIEgens): construction and applications. Chemical Society Reviews, 2020, 49, 1144-1172.	18.7	498
30	Fluorescent â€œlight-upâ€•bioprobes based on tetraphenylethylene derivatives with aggregation-induced emission characteristics. Chemical Communications, 2006, , 3705-3707.	2.2	497
31	Aggregation-induced emissions of tetraphenylethene derivatives and their utilities as chemical vapor sensors and in organic light-emitting diodes. Applied Physics Letters, 2007, 91, .	1.5	479
32	AIE Luminogens for Bioimaging and Theranostics: From Organelles to Animals. CheM, 2017, 3, 56-91.	5.8	465
33	Molecular Motion in Aggregates: Manipulating TICT for Boosting Photothermal Theranostics. Journal of the American Chemical Society, 2019, 141, 5359-5368.	6.6	465
34	Specific Lightâ€Up Bioprobe with Aggregationâ€Induced Emission and Activatable Photoactivity for the Targeted and Imageâ€Guided Photodynamic Ablation of Cancer Cells. Angewandte Chemie - International Edition, 2015, 54, 1780-1786.	7.2	461
35	The recent development of efficient Earth-abundant transition-metal nanocatalysts. Chemical Society Reviews, 2017, 46, 816-854.	18.7	458
36	Targeted Theranostic Platinum(IV) Prodrug with a Built-In Aggregation-Induced Emission Light-Up Apoptosis Sensor for Noninvasive Early Evaluation of Its Therapeutic Responses in Situ. Journal of the American Chemical Society, 2014, 136, 2546-2554.	6.6	439

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37	Clusterization-triggered emission: Uncommon luminescence from common materials. Materials Today, 2020, 32, 275-292.	8.3	407
38	Luminogenic polymers with aggregation-induced emission characteristics. Progress in Polymer Science, 2012, 37, 182-209.	11.8	396
39	Full-Range Intracellular pH Sensing by an Aggregation-Induced Emission-Active Two-Channel Ratiometric Fluorogen. Journal of the American Chemical Society, 2013, 135, 4926-4929.	6.6	394
40	Achieving Highâ€Performance Nondoped OLEDs with Extremely Small Efficiency Rollâ€Off by Combining Aggregationâ€Induced Emission and Thermally Activated Delayed Fluorescence. Advanced Functional Materials, 2017, 27, 1606458.	7.8	386
41	Switching the light emission of (4-biphenylyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. Chemical Communications, 2007, , 40-42.	2.2	384
42	Specific Detection of Integrin Î±_vÎ²₃ by Light-Up Bioprobe with Aggregation-Induced Emission Characteristics. Journal of the American Chemical Society, 2012, 134, 9569-9572.	6.6	378
43	AIE luminogens: emission brightened by aggregation. Materials Today, 2015, 18, 365-377.	8.3	378
44	Macrocycles and cages based on tetraphenylethylene with aggregation-induced emission effect. Chemical Society Reviews, 2018, 47, 7452-7476.	18.7	368
45	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. Chemical Communications, 2010, 46, 2221.	2.2	352
46	Structural Control of the Photoluminescence of Silole Regioisomers and Their Utility as Sensitive Regiodiscriminating Chemosensors and Efficient Electroluminescent Materials. Journal of Physical Chemistry B, 2005, 109, 10061-10066.	1.2	349
47	Two-photon AIE bio-probe with large Stokes shift for specific imaging of lipid droplets. Chemical Science, 2017, 8, 5440-5446.	3.7	344
48	Rational design of a water-soluble NIR AIEgen, and its application in ultrafast wash-free cellular imaging and photodynamic cancer cell ablation. Chemical Science, 2018, 9, 3685-3693.	3.7	343
49	Aggregation-Induced Emission Luminogens for Activity-Based Sensing. Accounts of Chemical Research, 2019, 52, 2559-2570.	7.6	343
50	Realâ€Time and Highâ€Resolution Bioimaging with Bright Aggregationâ€Induced Emission Dots in Shortâ€Wave Infrared Region. Advanced Materials, 2018, 30, e1706856.	11.1	341
51	A facile strategy for realizing room temperature phosphorescence and single molecule white light emission. Nature Communications, 2018, 9, 2963.	5.8	339
52	What makes efficient circularly polarised luminescence in the condensed phase: aggregation-induced circular dichroism and light emission. Chemical Science, 2012, 3, 2737.	3.7	338
53	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. Chemical Science, 2015, 6, 4438-4444.	3.7	335
54	A Near Infrared Light Triggered Hydrogenated Black TiO₂ for Cancer Photothermal Therapy. Advanced Healthcare Materials, 2015, 4, 1526-1536.	3.9	326

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55	Highly Efficient Nondoped OLEDs with Negligible Efficiency Rollâ€Off Fabricated from Aggregationâ€Induced Delayed Fluorescence Luminogens. Angewandte Chemie - International Edition, 2017, 56, 12971-12976.	7.2	320
56	Photostable fluorescent organic dots with aggregation-induced emission (AIE dots) for noninvasive long-term cell tracing. Scientific Reports, 2013, 3, 1150.	1.6	319
57	Assembly strategies of organic-based imaging agents for fluorescence and photoacoustic bioimaging applications. Chemical Society Reviews, 2020, 49, 21-31.	18.7	313
58	Aggregationâ€enhanced theranostics: AIE sparkles in biomedical field. Aggregate, 2020, 1, 80-106.	5.2	312
59	Highly Efficient Circularly Polarized Electroluminescence from Aggregationâ€Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. Advanced Functional Materials, 2018, 28, 1800051.	7.8	302
60	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. Nature Communications, 2019, 10, 768.	5.8	296
61	Targeting Negative Surface Charges of Cancer Cells by Multifunctional Nanoprobes. Theranostics, 2016, 6, 1887-1898.	4.6	295
62	Evaluation of Structureâ€“Function Relationships of Aggregation-Induced Emission Luminogens for Simultaneous Dual Applications of Specific Discrimination and Efficient Photodynamic Killing of Gram-Positive Bacteria. Journal of the American Chemical Society, 2019, 141, 16781-16789.	6.6	295
63	Light-driven transformable optical agent with adaptive functions for boosting cancer surgery outcomes. Nature Communications, 2018, 9, 1848.	5.8	286
64	Design of AIEgens for near-infrared IIb imaging through structural modulation at molecular and morphological levels. Nature Communications, 2020, 11, 1255.	5.8	283
65	A Ratiometric Fluorescent Probe Based on ESIPT and AIE Processes for Alkaline Phosphatase Activity Assay and Visualization in Living Cells. ACS Applied Materials & Interfaces, 2014, 6, 17245-17254.	4.0	281
66	Bright Near-Infrared Aggregation-Induced Emission Luminogens with Strong Two-Photon Absorption, Excellent Organelle Specificity, and Efficient Photodynamic Therapy Potential. ACS Nano, 2018, 12, 8145-8159.	7.3	281
67	Aggregation-induced emission: a coming-of-age ceremony at the age of eighteen. Science China Chemistry, 2019, 62, 1090-1098.	4.2	269
68	Highly Efficient Photosensitizers with Farâ€Red/Nearâ€Infrared Aggregationâ€Induced Emission for In Vitro and In Vivo Cancer Theranostics. Advanced Materials, 2018, 30, e1802105.	11.1	266
69	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. Chemical Science, 2015, 6, 1932-1937.	3.7	259
70	An Allâ€Round Athlete on the Track of Phototheranostics: Subtly Regulating the Balance between Radiative and Nonradiative Decays for Multimodal Imagingâ€Guided Synergistic Therapy. Advanced Materials, 2020, 32, e2003210.	11.1	259
71	Ultrabright Organic Dots with Aggregationâ€Induced Emission Characteristics for Realâ€Time Twoâ€Photon Intravital Vasculature Imaging. Advanced Materials, 2013, 25, 6083-6088.	11.1	255
72	Aggregate Science: From Structures to Properties. Advanced Materials, 2020, 32, e2001457.	11.1	254

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73	NIRâ€Ⅱ AIEgens: A Winâ€“Win Integration towards Bioapplications. Angewandte Chemie - International Edition, 2021, 60, 7476-7487.	7.2	253
74	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. Biomacromolecules, 2018, 19, 2014-2022.	2.6	248
75	Poly[(maleic anhydride)-alt-(vinyl acetate)]: A Pure Oxygenic Nonconjugated Macromolecule with Strong Light Emission and Solvatochromic Effect. Macromolecules, 2015, 48, 64-71.	2.2	242
76	Silole-Containing Polyacetylenes. Synthesis, Thermal Stability, Light Emission, Nanodimensional Aggregation, and Restricted Intramolecular Rotation. Macromolecules, 2003, 36, 1108-1117.	2.2	241
77	Room temperature phosphorescence from natural products: Crystallization matters. Science China Chemistry, 2013, 56, 1178-1182.	4.2	236
78	Locking the phenyl rings of tetraphenylethene step by step: understanding the mechanism of aggregation-induced emission. Chemical Communications, 2012, 48, 10675.	2.2	231
79	Designing Efficient and Ultralong Pure Organic Roomâ€Temperature Phosphorescent Materials by Structural Isomerism. Angewandte Chemie - International Edition, 2018, 57, 7997-8001.	7.2	224
80	Recent advances of AIE light-up probes for photodynamic therapy. Chemical Science, 2021, 12, 6488-6506.	3.7	224
81	Mitochondrionâ€Anchoring Photosensitizer with Aggregationâ€Induced Emission Characteristics Synergistically Boosts the Radiosensitivity of Cancer Cells to Ionizing Radiation. Advanced Materials, 2017, 29, 1606167.	11.1	222
82	Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine. ACS Applied Bio Materials, 2018, 1, 1768-1786.	2.3	219
83	Fluorescent Light-Up Detection of Amine Vapors Based on Aggregation-Induced Emission. ACS Sensors, 2016, 1, 179-184.	4.0	218
84	Hyperbranched Conjugated Polysiloles: Synthesis, Structure, Aggregation-Enhanced Emission, Multicolor Fluorescent Photopatterning, and Superamplified Detection of Explosives. Macromolecules, 2010, 43, 4921-4936.	2.2	216
85	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. Chemical Science, 2011, 2, 672-675.	3.7	216
86	Highly Stable Organic Small Molecular Nanoparticles as an Advanced and Biocompatible Phototheranostic Agent of Tumor in Living Mice. ACS Nano, 2017, 11, 7177-7188.	7.3	212
87	Bright and Photostable Organic Fluorescent Dots with Aggregationâ€Induced Emission Characteristics for Noninvasive Longâ€Term Cell Imaging. Advanced Functional Materials, 2014, 24, 635-643.	7.8	210
88	Multiple yet Controllable Photoswitching in a Single AIEgen System. Journal of the American Chemical Society, 2018, 140, 1966-1975.	6.6	209
89	Single-Molecular Near-Infrared-II Theranostic Systems: Ultrastable Aggregation-Induced Emission Nanoparticles for Long-Term Tracing and Efficient Photothermal Therapy. ACS Nano, 2018, 12, 11282-11293.	7.3	208
90	Molecular Engineering to Boost AIEâ€Active Free Radical Photogenerators and Enable Highâ€Performance Photodynamic Therapy under Hypoxia. Advanced Functional Materials, 2020, 30, 2002057.	7.8	208

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91	Unusual Aggregationâ€•Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. Angewandte Chemie - International Edition, 2015, 54, 14492-14497.	7.2	207
92	Quantitation, Visualization, and Monitoring of Conformational Transitions of Human Serum Albumin by a Tetraphenylethene Derivative with Aggregation-Induced Emission Characteristics. Analytical Chemistry, 2010, 82, 7035-7043.	3.2	206
93	AIEgens for biological process monitoring and disease theranostics. Biomaterials, 2017, 146, 115-135.	5.7	206
94	AIE polymers: Synthesis and applications. Progress in Polymer Science, 2020, 100, 101176.	11.8	205
95	Synthesis, solvatochromism, aggregation-induced emission and cell imaging of tetraphenylethene-containing BODIPY derivatives with large Stokes shifts. Chemical Communications, 2012, 48, 10099.	2.2	204
96	Highly sensitive switching of solid-state luminescence by controlling intersystem crossing. Nature Communications, 2018, 9, 3044.	5.8	203
97	Ionization and Anionâˆ’Ï€⁺ Interaction: A New Strategy for Structural Design of Aggregation-Induced Emission Luminogens. Journal of the American Chemical Society, 2017, 139, 16974-16979.	6.6	201
98	Why Do Simple Molecules with â€œIsolatedâ€•Phenyl Rings Emit Visible Light?. Journal of the American Chemical Society, 2017, 139, 16264-16272.	6.6	201
99	Tuning Organelle Specificity and Photodynamic Therapy Efficiency by Molecular Function Design. ACS Nano, 2019, 13, 11283-11293.	7.3	199
100	Strategies to Enhance the Photosensitization: Polymerization and the Donorâ€“Acceptor Evenâ€“Odd Effect. Angewandte Chemie - International Edition, 2018, 57, 15189-15193.	7.2	198
101	In Situ Monitoring Apoptosis Process by a Self-Reporting Photosensitizer. Journal of the American Chemical Society, 2019, 141, 5612-5616.	6.6	196
102	A tetraphenylethene-substituted pyridinium salt with multiple functionalities: synthesis, stimuli-responsive emission, optical waveguide and specific mitochondrion imaging. Journal of Materials Chemistry C, 2013, 1, 4640.	2.7	193
103	Fabrication of fluorescent nanoparticles based on AIE luminogens (AIE dots) and their applications in bioimaging. Materials Horizons, 2016, 3, 283-293.	6.4	193
104	Multiscale Humidity Visualization by Environmentally Sensitive Fluorescent Molecular Rotors. Advanced Materials, 2017, 29, 1703900.	11.1	193
105	Aggregation-Induced Emission Luminogen with Near-Infrared-II Excitation and Near-Infrared-I Emission for Ultradeep Intravital Two-Photon Microscopy. ACS Nano, 2018, 12, 7936-7945.	7.3	193
106	Room Temperature One-Step Conversion from Elemental Sulfur to Functional Polythioureas through Catalyst-Free Multicomponent Polymerizations. Journal of the American Chemical Society, 2018, 140, 6156-6163.	6.6	191
107	Self-Reporting and Photothermally Enhanced Rapid Bacterial Killing on a Laser-Induced Graphene Mask. ACS Nano, 2020, 14, 12045-12053.	7.3	191
108	AIE-active theranostic system: selective staining and killing of cancer cells. Chemical Science, 2017, 8, 1822-1830.	3.7	187

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109	AIEgens for dark through-bond energy transfer: design, synthesis, theoretical study and application in ratiometric Hg²⁺ sensing. Chemical Science, 2017, 8, 2047-2055.	3.7	187
110	Targeted and image-guided photodynamic cancer therapy based on organic nanoparticles with aggregation-induced emission characteristics. Chemical Communications, 2014, 50, 8757.	2.2	185
111	A fluorescent light-up probe with â€œAIE + ESIPTâ€•characteristics for specific detection of lysosomal esterase. Journal of Materials Chemistry B, 2014, 2, 3438-3442.	2.9	185
112	An AIEâ€Active Conjugated Polymer with High ROSâ€Generation Ability and Biocompatibility for Efficient Photodynamic Therapy of Bacterial Infections. Angewandte Chemie - International Edition, 2020, 59, 9952-9956.	7.2	183
113	Facile Synthesis of Red/NIR AIE Luminogens with Simple Structures, Bright Emissions, and High Photostabilities, and Their Applications for Specific Imaging of Lipid Droplets and Imageâ€Guided Photodynamic Therapy. Advanced Functional Materials, 2017, 27, 1704039.	7.8	182
114	Type I photosensitizers based on phosphindole oxide for photodynamic therapy: apoptosis and autophagy induced by endoplasmic reticulum stress. Chemical Science, 2020, 11, 3405-3417.	3.7	182
115	Boosting Nonâ€Radiative Decay to Do Useful Work: Development of a Multiâ€Modality Theranostic System from an AIEgen. Angewandte Chemie - International Edition, 2019, 58, 5628-5632.	7.2	180
116	Gelation process visualized by aggregation-induced emission fluorogens. Nature Communications, 2016, 7, 12033.	5.8	179
117	Stimuliâ€Responsive AIEgens. Advanced Materials, 2021, 33, e2008071.	11.1	178
118	Activatable Fluorescent Nanoprobe with Aggregationâ€Induced Emission Characteristics for Selective In Vivo Imaging of Elevated Peroxynitrite Generation. Advanced Materials, 2016, 28, 7249-7256.	11.1	177
119	Spontaneous Amino-yne Click Polymerization: A Powerful Tool toward Regio- and Stereospecific Poly(Î²-aminoacrylate)s. Journal of the American Chemical Society, 2017, 139, 5437-5443.	6.6	177
120	Planar and Twisted Molecular Structure Leads to the High Brightness of Semiconducting Polymer Nanoparticles for NIR-IIa Fluorescence Imaging. Journal of the American Chemical Society, 2020, 142, 15146-15156.	6.6	177
121	Full emission color tuning in luminogens constructed from tetraphenylethene, benzo-2,1,3-thiadiazole and thiophene building blocks. Chemical Communications, 2011, 47, 8847.	2.2	175
122	One-Step Formulation of Targeted Aggregation-Induced Emission Dots for Image-Guided Photodynamic Therapy of Cholangiocarcinoma. ACS Nano, 2017, 11, 3922-3932.	7.3	175
123	Constitutional Isomerization Enables Bright NIRâ€II AIEgen for Brainâ€Inflammation Imaging. Advanced Functional Materials, 2020, 30, 1908125.	7.8	175
124	An AIE-active hemicyanine fluorogen with stimuli-responsive red/blue emission: extending the pH sensing range by â€œswitch + knobâ€•effect. Chemical Science, 2012, 3, 1804.	3.7	171
125	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. Angewandte Chemie - International Edition, 2018, 57, 12473-12477.	7.2	171
126	Dramatic Differences in Aggregation-Induced Emission and Supramolecular Polymerizability of Tetraphenylethene-Based Stereoisomers. Journal of the American Chemical Society, 2017, 139, 10150-10156.	6.6	170

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127	Structural and process controls of AIEgens for NIR-II theranostics. Chemical Science, 2021, 12, 3427-3436.	3.7	169
128	The fast-growing field of photo-driven theranostics based on aggregation-induced emission. Chemical Society Reviews, 2022, 51, 1983-2030.	18.7	168
129	Exploration of biocompatible AIEgens from natural resources. Chemical Science, 2018, 9, 6497-6502.	3.7	167
130	A Mitochondrionâ€Specific Photoactivatable Fluorescence Turnâ€On AIEâ€Based Bioprobe for Localization Superâ€Resolution Microscope. Advanced Materials, 2016, 28, 5064-5071.	11.1	166
131	Corannuleneâ€Incorporated AIE Nanodots with Highly Suppressed Nonradiative Decay for Boosted Cancer Phototheranostics In Vivo. Advanced Materials, 2018, 30, e1801065.	11.1	163
132	Aggregation induced blue-shifted emission â€“ the molecular picture from a QM/MM study. Physical Chemistry Chemical Physics, 2014, 16, 5545-5552.	1.3	162
133	Efficient Near-Infrared Photosensitizer with Aggregation-Induced Emission for Imaging-Guided Photodynamic Therapy in Multiple Xenograft Tumor Models. ACS Nano, 2020, 14, 854-866.	7.3	161
134	Bioinspired Simultaneous Changes in Fluorescence Color, Brightness, and Shape of Hydrogels Enabled by AIEgens. Advanced Materials, 2020, 32, e1906493.	11.1	160
135	Sugar-Based Aggregation-Induced Emission Luminogens: Design, Structures, and Applications. Chemical Reviews, 2020, 120, 4534-4577.	23.0	158
136	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. ACS Nano, 2019, 13, 3618-3628.	7.3	157
137	AIE-based luminescence probes for metal ion detection. Coordination Chemistry Reviews, 2021, 429, 213693.	9.5	157
138	Aggregation-Induced Emission Luminogen with Deep-Red Emission for Through-Skull Three-Photon Fluorescence Imaging of Mouse. ACS Nano, 2017, 11, 10452-10461.	7.3	156
139	Natural-Killer-Cell-Inspired Nanorobots with Aggregation-Induced Emission Characteristics for Near-Infrared-II Fluorescence-Guided Glioma Theranostics. ACS Nano, 2020, 14, 11452-11462.	7.3	156
140	Functionalized Acrylonitriles with Aggregation-Induced Emission: Structure Tuning by Simple Reaction-Condition Variation, Efficient Red Emission, and Two-Photon Bioimaging. Journal of the American Chemical Society, 2019, 141, 15111-15120.	6.6	155
141	Tetraphenylethenyl-modified perylene bisimide: aggregation-induced red emission, electrochemical properties and ordered microstructures. Journal of Materials Chemistry, 2012, 22, 7387.	6.7	154
142	Specific Two-Photon Imaging of Live Cellular and Deep-Tissue Lipid Droplets by Lipophilic AIEgens at Ultralow Concentration. Chemistry of Materials, 2018, 30, 4778-4787.	3.2	154
143	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. Chemical Science, 2017, 8, 7258-7267.	3.7	153
144	Timeâ€Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIEâ€Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. Angewandte Chemie - International Edition, 2020, 59, 9470-9477.	7.2	153

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145	Simple Biosensor with High Selectivity and Sensitivity: Thiolâ€Specific Biomolecular Probing and Intracellular Imaging by AIE Fluorogen on a TLC Plate through a Thiolâ€“Ene Click Mechanism. Chemistry - A European Journal, 2010, 16, 8433-8438.	1.7	152
146	Non-conventional fluorescent biogenic and synthetic polymers without aromatic rings. Polymer Chemistry, 2017, 8, 1722-1727.	1.9	152
147	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. Materials Chemistry Frontiers, 2017, 1, 1125-1129.	3.2	150
148	Threeâ€Pronged Attack by Homologous Farâ€red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 9610-9616.	7.2	146
149	Catalyst-Free, Atom-Economic, Multicomponent Polymerizations of Aromatic Diynes, Elemental Sulfur, and Aliphatic Diamines toward Luminescent Polythioamides. Macromolecules, 2015, 48, 7747-7754.	2.2	145
150	A fluorescent thermometer operating in aggregation-induced emission mechanism: probing thermal transitions of PNIPAM in water. Chemical Communications, 2009, , 4974.	2.2	144
151	Synthesis and Design of Aggregationâ€Induced Emission Surfactants: Direct Observation of Micelle Transitions and Microemulsion Droplets. Angewandte Chemie - International Edition, 2015, 54, 15160-15164.	7.2	144
152	Lightâ€Up Probe for Targeted and Activatable Photodynamic Therapy with Realâ€Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses. Advanced Functional Materials, 2015, 25, 6586-6595.	7.8	144
153	Theranostics based on AIEgens. Theranostics, 2018, 8, 4925-4956.	4.6	143
154	Nanomaterials with Supramolecular Assembly Based on AIE Luminogens for Theranostic Applications. Advanced Materials, 2020, 32, e2004208.	11.1	143
155	Phage-Guided Targeting, Discriminative Imaging, and Synergistic Killing of Bacteria by AIE Bioconjugates. Journal of the American Chemical Society, 2020, 142, 3959-3969.	6.6	143
156	Oligo(maleic anhydride)s: a platform for unveiling the mechanism of clusteroluminescence of non-aromatic polymers. Journal of Materials Chemistry C, 2017, 5, 4775-4779.	2.7	141
157	AIE Nanoparticles with High Stimulated Emission Depletion Efficiency and Photobleaching Resistance for Longâ€Term Superâ€Resolution Bioimaging. Advanced Materials, 2017, 29, 1703643.	11.1	140
158	Functionality and versatility of aggregation-induced emission luminogens. Applied Physics Reviews, 2017, 4, .	5.5	138
159	Solvent-free synthesis of 1,4-disubstituted 1,2,3-triazoles using a low amount of Cu(PPh3)2NO3 complex. Green Chemistry, 2010, 12, 2120.	4.6	136
160	A new luminescent metalâ€“organic framework based on dicarboxyl-substituted tetraphenylethene for efficient detection of nitro-containing explosives and antibiotics in aqueous media. Journal of Materials Chemistry C, 2018, 6, 2983-2988.	2.7	133
161	AIE luminogens as fluorescent bioprobes. TrAC - Trends in Analytical Chemistry, 2020, 123, 115769.	5.8	133
162	Specific Fluorescence Probes for Lipid Droplets Based on Simple AIEgens. ACS Applied Materials & Interfaces, 2016, 8, 10193-10200.	4.0	132

#	Article	IF	Citations
163	A highly selective fluorescent nanoprobe based on AIE and ESIPT for imaging hydrogen sulfide in live cells and zebrafish. Materials Chemistry Frontiers, 2017, 1, 838-845.	3.2	132
164	ACQâ€toâ€AIE Transformation: Tuning Molecular Packing by Regioisomerization for Twoâ€Photon NIR Bioimaging. Angewandte Chemie - International Edition, 2020, 59, 12822-12826.	7.2	131
165	Highly efficient singlet oxygen generation, two-photon photodynamic therapy and melanoma ablation by rationally designed mitochondria-specific near-infrared AIEgens. Chemical Science, 2020, 11, 2494-2503.	3.7	131
166	Restriction of Access to the Dark State: A New Mechanistic Model for Heteroatomâ€Containing AIE Systems. Angewandte Chemie - International Edition, 2019, 58, 14911-14914.	7.2	130
167	Molecular luminogens based on restriction of intramolecular motions through hostâ€“guest inclusion for cell imaging. Chemical Communications, 2014, 50, 1725-1727.	2.2	129
168	Photoactivatable aggregation-induced emission probes for lipid droplets-specific live cell imaging. Chemical Science, 2017, 8, 1763-1768.	3.7	128
169	Aggregationâ€Induced Emission Luminogens: Union Is Strength, Gathering Illuminates Healthcare. Advanced Healthcare Materials, 2018, 7, e1800477.	3.9	127
170	AIE-based cancer theranostics. Coordination Chemistry Reviews, 2020, 402, 213076.	9.5	127
171	Photoluminescence and electroluminescence of hexaphenylsilole are enhanced by pressurization in the solid state. Chemical Communications, 2008, , 2989.	2.2	126
172	Nanocrystallization: A Unique Approach to Yield Bright Organic Nanocrystals for Biological Applications. Advanced Materials, 2017, 29, 1604100.	11.1	126
173	Aggregationâ€Induced Nonlinear Optical Effects of AIEgen Nanocrystals for Ultradeep In Vivo Bioimaging. Advanced Materials, 2019, 31, e1904799.	11.1	126
174	Tunable Mechanoresponsive Selfâ€Assembly of an Amideâ€Linked Dyad with Dual Sensitivity of Photochromism and Mechanochromism. Advanced Functional Materials, 2017, 27, 1701210.	7.8	125
175	Non-aromatic annulene-based aggregation-induced emission system via aromaticity reversal process. Nature Communications, 2019, 10, 2952.	5.8	125
176	Improving Imageâ€Guided Surgical and Immunological Tumor Treatment Efficacy by Photothermal and Photodynamic Therapies Based on a Multifunctional NIR AIEgen. Advanced Materials, 2021, 33, e2101158.	11.1	125
177	Fabrication of Fluorescent Silica Nanoparticles Hybridized with AIE Luminogens and Exploration of Their Applications as Nanobiosensors in Intracellular Imaging. Chemistry - A European Journal, 2010, 16, 4266-4272.	1.7	124
178	Malonitrileâ€Functionalized Tetraphenylpyrazine: Aggregationâ€Induced Emission, Ratiometric Detection of Hydrogen Sulfide, and Mechanochromism. Advanced Functional Materials, 2018, 28, 1704689.	7.8	124
179	Engineering Sensor Arrays Using Aggregationâ€Induced Emission Luminogens for Pathogen Identification. Advanced Functional Materials, 2019, 29, 1805986.	7.8	122
180	Economic Sulfur Conversion to Functional Polythioamides through Catalyst-Free Multicomponent Polymerizations of Sulfur, Acids, and Amines. Journal of the American Chemical Society, 2020, 142, 978-986.	6.6	121

#	Article	IF	Citations
181	Acceptor Planarization and Donor Rotation: A Facile Strategy for Realizing Synergistic Cancer Phototherapy via Type I PDT and PTT. ACS Nano, 2022, 16, 4162-4174.	7.3	121
182	Light-Enhanced Bacterial Killing and Wash-Free Imaging Based on AIE Fluorogen. ACS Applied Materials & Interfaces, 2015, 7, 7180-7188.	4.0	120
183	Aggregation-induced emission (AIE)-active polymers for explosive detection. Polymer Chemistry, 2019, 10, 3822-3840.	1.9	120
184	Real-Time, Quantitative Lighting-up Detection of Telomerase in Urines of Bladder Cancer Patients by AIEgens. Analytical Chemistry, 2015, 87, 6822-6827.	3.2	119
185	Mechanistic connotations of restriction of intramolecular motions (RIM). National Science Review, 2021, 8, nwaa260.	4.6	119
186	Dendritic catalysisâ€"Basic concepts and recent trends. Coordination Chemistry Reviews, 2013, 257, 2317-2334.	9.5	118
187	Drug delivery micelles with efficient near-infrared photosensitizer for combined image-guided photodynamic therapy and chemotherapy of drug-resistant cancer. Biomaterials, 2019, 218, 119330.	5.7	118
188	Hyperbranched conjugated poly(tetraphenylethene): synthesis, aggregation-induced emission, fluorescent photopatterning, optical limiting and explosive detection. Polymer Chemistry, 2012, 3, 1481.	1.9	117
189	Direct evidence to support the restriction of intramolecular rotation hypothesis for the mechanism of aggregation-induced emission: temperature resolved terahertz spectra of tetraphenylethene. Materials Horizons, 2014, 1, 251-258.	6.4	117
190	Facile Multicomponent Polymerizations toward Unconventional Luminescent Polymers with Readily Openable Small Heterocycles. Journal of the American Chemical Society, 2018, 140, 5588-5598.	6.6	116
191	AIE-based theranostic systems for detection and killing of pathogens. Theranostics, 2019, 9, 3223-3248.	4.6	116
192	Siloles symmetrically substituted on their 2,5-positions with electron-accepting and donating moieties: facile synthesis, aggregation-enhanced emission, solvatochromism, and device application. Chemical Science, 2012, 3, 549-558.	3.7	114
193	Aggregation-induced chirality, circularly polarized luminescence, and helical self-assembly of a leucine-containing AIE luminogen. Journal of Materials Chemistry C, 2015, 3, 2399-2404.	2.7	114
194	A selective and light-up fluorescent probe for Î²-galactosidase activity detection and imaging in living cells based on an AIE tetraphenylethylene derivative. Chemical Communications, 2017, 53, 4505-4508.	2.2	114
195	Ultrafast Delivery of Aggregation-Induced Emission Nanoparticles and Pure Organic Phosphorescent Nanocrystals by Saponin Encapsulation. Journal of the American Chemical Society, 2017, 139, 14792-14799.	6.6	114
196	Tumorâ€Exocytosed Exosome/Aggregationâ€Induced Emission Luminogen Hybrid Nanovesicles Facilitate Efficient Tumor Penetration and Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 13836-13843.	7.2	114
197	Killing G(+) or G(â^') Bacteria? The Important Role of Molecular Charge in AIEâ€Active Photosensitizers. Small Methods, 2020, 4, 2000046.	4.6	114
198	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.	2.2	113

#	Article	IF	Citations
199	Recent advances in AIE polymers. Polymer Journal, 2016, 48, 359-370.	1.3	113
200	An efficient approach to homocoupling of terminal alkynes: Solvent-free synthesis of 1,3-diynes using catalyticCu(ii) and base. Green Chemistry, 2010, 12, 45-48.	4.6	112
201	Facile synthesis of AIEgens with wide color tunability for cellular imaging and therapy. Chemical Science, 2019, 10, 3494-3501.	3.7	112
202	A Luminogen with Aggregationâ€Induced Emission Characteristics for Washâ€Free Bacterial Imaging, Highâ€Throughput Antibiotics Screening and Bacterial Susceptibility Evaluation. Advanced Materials, 2015, 27, 4931-4937.	11.1	111
203	Mitochondrial Imaging with Combined Fluorescence and Stimulated Raman Scattering Microscopy Using a Probe of the Aggregation-Induced Emission Characteristic. Journal of the American Chemical Society, 2017, 139, 17022-17030.	6.6	111
204	A highly selective AIE fluorogen for lipid droplet imaging in live cells and green algae. Journal of Materials Chemistry B, 2014, 2, 2013-2019.	2.9	110
205	Aggregation Effects on the Optical Emission of 1,1,2,3,4,5-Hexaphenylsilole (HPS): A QM/MM Study. Journal of Physical Chemistry A, 2014, 118, 9094-9104.	1.1	110
206	Aggregationâ€Induced Emission Luminogens Married to 2D Black Phosphorus Nanosheets for Highly Efficient Multimodal Theranostics. Advanced Materials, 2020, 32, e2003382.	11.1	110
207	Magnetic and Dendritic Catalysts. Accounts of Chemical Research, 2015, 48, 1871-1880.	7.6	109
208	Self-assembly of AIEgens. Coordination Chemistry Reviews, 2020, 406, 213142.	9.5	109
209	AIEgens enabled ultrasensitive point-of-care test for multiple targets of food safety: Aflatoxin B1 and cyclopiazonic acid as an example. Biosensors and Bioelectronics, 2021, 182, 113188.	5.3	109
210	Red/NIRâ€Emissive Benzo[d]imidazoleâ€Cored AIEgens: Facile Molecular Design for Wavelength Extending and In Vivo Tumor Metabolic Imaging. Advanced Materials, 2018, 30, e1805220.	11.1	106
211	Highly Fluorescent and Photostable Probe for Longâ€Term Bacterial Viability Assay Based on Aggregationâ€Induced Emission. Advanced Healthcare Materials, 2014, 3, 88-96.	3.9	105
212	A Bifunctional Aggregationâ€Induced Emission Luminogen for Monitoring and Killing of Multidrugâ€Resistant Bacteria. Advanced Functional Materials, 2018, 28, 1804632.	7.8	105
213	Aggregationâ€Induced Emissionâ€Active Gels: Fabrications, Functions, and Applications. Advanced Materials, 2021, 33, e2100021.	11.1	105
214	Polymerization-induced emission. Materials Horizons, 2020, 7, 987-998.	6.4	104
215	AIE-active polymers for explosive detection. Chinese Journal of Polymer Science (English Edition), 2017, 35, 141-154.	2.0	103
216	Facile Synthesis of Efficient Luminogens with AIE Features for Threeâ€Photon Fluorescence Imaging of the Brain through the Intact Skull. Advanced Materials, 2020, 32, e2000364.	11.1	103

#	Article	IF	Citations
217	Multicolor Tunable Polymeric Nanoparticle from the Tetraphenylethylene Cage for Temperature Sensing in Living Cells. Journal of the American Chemical Society, 2020, 142, 512-519.	6.6	102
218	Substitution Activated Precise Phototheranostics through Supramolecular Assembly of AIEgen and Calixarene. Journal of the American Chemical Society, 2020, 142, 15966-15974.	6.6	102
219	Fluorescence microscopy as an alternative to electron microscopy for microscale dispersion evaluation of organicâ€“inorganic composites. Nature Communications, 2016, 7, 11811.	5.8	101
220	AIEgen-based theranostic system: targeted imaging of cancer cells and adjuvant amplification of antitumor efficacy of paclitaxel. Chemical Science, 2017, 8, 2191-2198.	3.7	101
221	Facile access to deep red/near-infrared emissive AIEgens for efficient non-doped OLEDs. Chemical Science, 2018, 9, 6118-6125.	3.7	101
222	A fluorescent light-up probe with AIE characteristics for specific mitochondrial imaging to identify differentiating brown adipose cells. Chemical Communications, 2014, 50, 8312-8315.	2.2	100
223	Kinetic trapping â€“ a strategy for directing the self-assembly of unique functional nanostructures. Chemical Communications, 2016, 52, 11870-11884.	2.2	100
224	Dynamic Visualization of Stress/Strain Distribution and Fatigue Crack Propagation by an Organic Mechanoresponsive AIE Luminogen. Advanced Materials, 2018, 30, e1803924.	11.1	100
225	An Easily Available Ratiometric Reaction-Based AIE Probe for Carbon Monoxide Light-up Imaging. Analytical Chemistry, 2019, 91, 9388-9392.	3.2	100
226	Boosting Fluorescence-Photoacoustic-Raman Properties in One Fluorophore for Precise Cancer Surgery. CheM, 2019, 5, 2657-2677.	5.8	100
227	Recent advances in cation sensing using aggregation-induced emission. Materials Chemistry Frontiers, 2021, 5, 659-708.	3.2	99
228	Structural and Theoretical Insights into the AIE Attributes of Phosphindole Oxide: The Balance Between Rigidity and Flexibility. Chemistry - A European Journal, 2015, 21, 4440-4449.	1.7	98
229	Ultrabright red AIEgens for two-photon vascular imaging with high resolution and deep penetration. Chemical Science, 2018, 9, 2705-2710.	3.7	98
230	White-Light Emission of a Binary Light-Harvesting Platform Based on an Amphiphilic Organic Cage. Chemistry of Materials, 2018, 30, 1285-1290.	3.2	98
231	Construction of Functional Macromolecules with Well-Defined Structures by Indium-Catalyzed Three-Component Polycoupling of Alkynes, Aldehydes, and Amines. Macromolecules, 2013, 46, 3246-3256.	2.2	97
232	Peptide-Induced AIEgen Self-Assembly: A New Strategy to Realize Highly Sensitive Fluorescent Light-Up Probes. Analytical Chemistry, 2016, 88, 3872-3878.	3.2	97
233	How to Manipulate Through-Space Conjugation and Clusteroluminescence of Simple AIEgens with Isolated Phenyl Rings. Journal of the American Chemical Society, 2021, 143, 9565-9574.	6.6	97
234	Efficient Red/Nearâ€Infrared Fluorophores Based on Benzo[1,2â€b:4,5â€bâ€²]dithiophene 1,1,5,5â€Tetraoxide for Targeted Photodynamic Therapy and In Vivo Twoâ€Photon Fluorescence Bioimaging. Advanced Functional Materials, 2018, 28, 1706945.	7.8	96

#	Article	IF	Citations
235	Multifunctional AIEgens: Ready Synthesis, Tunable Emission, Mechanochromism, Mitochondrial, and Bacterial Imaging. Advanced Functional Materials, 2018, 28, 1704589.	7.8	96
236	Aggregationsinduzierte Emission: Einblicke auf Aggregatebene. Angewandte Chemie, 2020, 132, 9972-9993.	1.6	96
237	Donor/Ï€â€Bridge Manipulation for Constructing a Stable NIRâ€II Aggregationâ€Induced Emission Luminogen with Balanced Phototheranostic Performance**. Angewandte Chemie - International Edition, 2021, 60, 26769-26776.	7.2	96
238	A Feasible Strategy of Fabricating Type I Photosensitizer for Photodynamic Therapy in Cancer Cells and Pathogens. ACS Nano, 2021, 15, 7735-7743.	7.3	95
239	A targeted theranostic platinum(iv) prodrug containing a luminogen with aggregation-induced emission (AIE) characteristics for in situ monitoring of drug activation. Chemical Communications, 2014, 50, 3868.	2.2	94
240	Multifunctional Two-Photon AIE Luminogens for Highly Mitochondria-Specific Bioimaging and Efficient Photodynamic Therapy. ACS Applied Materials & Interfaces, 2019, 11, 20715-20724.	4.0	94
241	Good Steel Used in the Blade: Wellâ€Tailored Typeâ€I Photosensitizers with Aggregationâ€Induced Emission Characteristics for Precise Nuclear Targeting Photodynamic Therapy. Advanced Science, 2021, 8, e2100524.	5.6	94
242	A near-infrared AIEgen for specific imaging of lipid droplets. Chemical Communications, 2016, 52, 5957-5960.	2.2	93
243	Ultrafast discrimination of Gram-positive bacteria and highly efficient photodynamic antibacterial therapy using near-infrared photosensitizer with aggregation-induced emission characteristics. Biomaterials, 2020, 230, 119582.	5.7	91
244	Waterâ€Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIRâ€II Photothermal Antiâ€Bacterial Therapy. Angewandte Chemie - International Edition, 2021, 60, 11758-11762.	7.2	91
245	Label-free fluorescence detection of mercury(ii) and glutathione based on Hg2+-DNA complexes stimulating aggregation-induced emission of a tetraphenylethene derivative. Analyst, The, 2010, 135, 3002.	1.7	90
246	Multifunctional organic nanoparticles with aggregation-induced emission (AIE) characteristics for targeted photodynamic therapy and RNA interference therapy. Chemical Communications, 2016, 52, 2752-2755.	2.2	90
247	Copper-Catalyzed Polycoupling of Diynes, Primary Amines, and Aldehydes: A New One-Pot Multicomponent Polymerization Tool to Functional Polymers. Macromolecules, 2014, 47, 4908-4919.	2.2	89
248	Mitochondrionâ€Specific Liveâ€Cell Bioprobe Operated in a Fluorescence Turnâ€On Manner and a Wellâ€Designed Photoactivatable Mechanism. Advanced Materials, 2015, 27, 7093-7100.	11.1	89
249	Light-up probe based on AIEgens: dual signal turn-on for caspase cascade activation monitoring. Chemical Science, 2017, 8, 2723-2728.	3.7	89
250	A Dualâ€Functional Photosensitizer for Ultraefficient Photodynamic Therapy and Synchronous Anticancer Efficacy Monitoring. Advanced Functional Materials, 2019, 29, 1902673.	7.8	89
251	Discriminatory Detection of Cysteine and Homocysteine Based on Dialdehydeâ€Functionalized Aggregationâ€Induced Emission Fluorophores. Chemistry - A European Journal, 2013, 19, 613-620.	1.7	88
252	Molecular Motion and Nonradiative Decay: Towards Efficient Photothermal and Photoacoustic Systems. Angewandte Chemie - International Edition, 2022, 61, .	7.2	88

#	Article	IF	Citations
253	Ultrasensitive Virion Immunoassay Platform with Dual-Modality Based on a Multifunctional Aggregation-Induced Emission Luminogen. ACS Nano, 2018, 12, 9549-9557.	7.3	87
254	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. Angewandte Chemie - International Edition, 2019, 58, 4536-4540.	7.2	87
255	AIE Multinuclear Ir(III) Complexes for Biocompatible Organic Nanoparticles with Highly Enhanced Photodynamic Performance. Advanced Science, 2019, 6, 1802050.	5.6	87
256	Zwitterionic AIEgens: Rational Molecular Design for NIRâ€II Fluorescence Imagingâ€Guided Synergistic Phototherapy. Advanced Functional Materials, 2021, 31, 2007026.	7.8	87
257	Tripleâ€Jump Photodynamic Theranostics: MnO₂ Combined Upconversion Nanoplatforms Involving a Typeâ€I Photosensitizer with Aggregationâ€Induced Emission Characteristics for Potent Cancer Treatment. Advanced Materials, 2021, 33, e2103748.	11.1	87
258	AIEgens for microbial detection and antimicrobial therapy. Biomaterials, 2021, 268, 120598.	5.7	86
259	A Simple Approach to Bioconjugation at Diverse Levels: Metal-Free Click Reactions of Activated Alkynes with Native Groups of Biotargets without Prefunctionalization. Research, 2018, 2018, 3152870.	2.8	86
260	Graphene Oxide as a Novel Nanoplatform for Enhancement of Aggregationâ€Induced Emission of Silole Fluorophores. Advanced Materials, 2012, 24, 4191-4195.	11.1	85
261	A Multifunctional Probe with Aggregationâ€Induced Emission Characteristics for Selective Fluorescence Imaging and Photodynamic Killing of Bacteria Over Mammalian Cells. Advanced Healthcare Materials, 2015, 4, 659-663.	3.9	85
262	New AIEgens with delayed fluorescence for fluorescence imaging and fluorescence lifetime imaging of living cells. Materials Chemistry Frontiers, 2017, 1, 2554-2558.	3.2	85
263	Near-infrared light-regulated cancer theranostic nanoplatform based on aggregation-induced emission luminogen encapsulated upconversion nanoparticles. Theranostics, 2019, 9, 246-264.	4.6	85
264	Doping AIE Photothermal Molecule into All-Fiber Aerogel with Self-Pumping Water Function for Efficiency Solar Steam Generation. ACS Applied Materials & Interfaces, 2020, 12, 26033-26040.	4.0	85
265	Red AIEâ€Active Fluorescent Probes with Tunable Organelleâ€Specific Targeting. Advanced Functional Materials, 2020, 30, 1909268.	7.8	85
266	A Functioning Macroscopic â€œRubik's Cubeâ€•Assembled via Controllable Dynamic Covalent Interactions. Advanced Materials, 2019, 31, e1902365.	11.1	84
267	A Sensitive and Reliable Organic Fluorescent Nanothermometer for Noninvasive Temperature Sensing. Journal of the American Chemical Society, 2021, 143, 14147-14157.	6.6	84
268	New Phenothiazine Derivatives That Exhibit Photoinduced Roomâ€Temperature Phosphorescence. Advanced Functional Materials, 2021, 31, 2101719.	7.8	84
269	Self-Assembled Metallacage with Second Near-Infrared Aggregation-Induced Emission for Enhanced Multimodal Theranostics. Journal of the American Chemical Society, 2022, 144, 12825-12833.	6.6	84
270	Targeted theranostic prodrugs based on an aggregation-induced emission (AIE) luminogen for real-time dual-drug tracking. Chemical Communications, 2014, 50, 11465-11468.	2.2	83

#	Article	IF	Citations
271	Tailoring Noncovalent Interactions to Activate Persistent Roomâ€Temperature Phosphorescence from Doped Polyacrylonitrile Films. Advanced Functional Materials, 2021, 31, 2101656.	7.8	83
272	A Biomimetic Aggregationâ€Induced Emission Photosensitizer with Antigenâ€Presenting and Hitchhiking Function for Lipid Droplet Targeted Photodynamic Immunotherapy. Advanced Materials, 2021, 33, e2102322.	11.1	83
273	Altering Chain Flexibility of Aliphatic Polyesters for Yellowâ€Green Clusteroluminescence in 38â€‰% Quantum Yield. Angewandte Chemie - International Edition, 2022, 61, .	7.2	83
274	Rational Design of Perylenediimideâ€Substituted Triphenylethylene to Electron Transporting Aggregationâ€Induced Emission Luminogens (AIEgens) with High Mobility and Nearâ€Infrared Emission. Advanced Functional Materials, 2018, 28, 1705609.	7.8	82
275	A highly efficient and AIE-active theranostic agent from natural herbs. Materials Chemistry Frontiers, 2019, 3, 1454-1461.	3.2	82
276	Highly photostable two-photon NIR AIEgens with tunable organelle specificity and deep tissue penetration. Biomaterials, 2019, 208, 72-82.	5.7	82
277	The Marriage of Aggregationâ€Induced Emission with Polymer Science. Macromolecular Rapid Communications, 2019, 40, e1800568.	2.0	82
278	Boosting the photodynamic therapy efficiency by using stimuli-responsive and AIE-featured nanoparticles. Biomaterials, 2020, 232, 119749.	5.7	80
279	A sensitivity tuneable tetraphenylethene-based fluorescent probe for directly indicating the concentration of hydrogen sulfide. Chemical Communications, 2014, 50, 8892-8895.	2.2	79
280	A dual functional AEE fluorogen as a mitochondrial-specific bioprobe and an effective photosensitizer for photodynamic therapy. Chemical Communications, 2014, 50, 14451-14454.	2.2	79
281	A red-emissive antibodyâ€“AIEgen conjugate for turn-on and wash-free imaging of specific cancer cells. Chemical Science, 2017, 8, 7014-7024.	3.7	79
282	Amphiphilic Tetraphenylethene-Based Pyridinium Salt for Selective Cell-Membrane Imaging and Room-Light-Induced Special Reactive Oxygen Species Generation. ACS Applied Materials & Interfaces, 2019, 11, 10567-10577.	4.0	79
283	Precise Molecular Engineering of Small Organic Phototheranostic Agents toward Multimodal Imaging-Guided Synergistic Therapy. ACS Nano, 2021, 15, 7328-7339.	7.3	79
284	Side Areaâ€Assisted 3D Evaporator with Antibiofouling Function for Ultraâ€Efficient Solar Steam Generation. Advanced Materials, 2021, 33, e2102258.	11.1	79
285	A photostable AIEgen for nucleolus and mitochondria imaging with organelle-specific emission. Journal of Materials Chemistry B, 2016, 4, 2614-2619.	2.9	78
286	A Highly Sensitive Bimodal Detection of Amine Vapours Based on Aggregation Induced Emission of 1,2â€Dihydroquinoxaline Derivatives. Chemistry - A European Journal, 2017, 23, 14911-14917.	1.7	78
287	In situ visualizable self-assembly, aggregation-induced emission and circularly polarized luminescence of tetraphenylethene and alanine-based chiral polytriazole. Journal of Materials Chemistry C, 2018, 6, 4807-4816.	2.7	78
288	In Situ Generation of Azonia-Containing Polyelectrolytes for Luminescent Photopatterning and Superbug Killing. Journal of the American Chemical Society, 2019, 141, 11259-11268.	6.6	78

#	Article	IF	Citations
289	Incorporation of Planar Blocks into Twisted Skeletons: Boosting Brightness of Fluorophores for Bioimaging beyond 1500 Nanometer. ACS Nano, 2020, 14, 14228-14239.	7.3	78
290	Multimodal Imagingâ€Guided Photothermal Immunotherapy Based on a Versatile NIRâ€II Aggregationâ€Induced Emission Luminogen. Angewandte Chemie - International Edition, 2022, 61, .	7.2	78
291	Singleâ€Layer Transition Metal Dichalcogenide Nanosheetâ€Assisted Assembly of Aggregationâ€Induced Emission Molecules to Form Organic Nanosheets with Enhanced Fluorescence. Advanced Materials, 2014, 26, 1735-1739.	11.1	77
292	A simple mitochondrial targeting AIEgen for image-guided two-photon excited photodynamic therapy. Journal of Materials Chemistry B, 2018, 6, 2557-2565.	2.9	77
293	Recent Progress in AIE-active Polymers. Chinese Journal of Polymer Science (English Edition), 2019, 37, 289-301.	2.0	77
294	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. ACS Nano, 2019, 13, 839-846.	7.3	77
295	Facile One-Pot Synthesis of 4,5-Disubstituted 1,2,3-(NH)-Triazoles through Sonogashira Coupling/1,3-Dipolar Cycloaddition of Acid Chlorides, Terminal Acetylenes, and Sodium Azide. Organic Letters, 2009, 11, 3024-3027.	2.4	76
296	Fluorogenic Ag⁺â€“Tetrazolate Aggregation Enables Efficient Fluorescent Biological Silver Staining. Angewandte Chemie - International Edition, 2018, 57, 5750-5753.	7.2	75
297	Visualization of Biogenic Amines and In Vivo Ratiometric Mapping of Intestinal pH by AIEâ€Active Polyheterocycles Synthesized by Metalâ€Free Multicomponent Polymerizations. Advanced Functional Materials, 2019, 29, 1902240.	7.8	75
298	Brainâ€Targeted Aggregationâ€Inducedâ€Emission Nanoparticles with Nearâ€Infrared Imaging at 1550Ânm Boosts Orthotopic Glioblastoma Theranostics. Advanced Materials, 2022, 34, e2106082.	11.1	75
299	Tumor-derived exosomes co-delivering aggregation-induced emission luminogens and proton pump inhibitors for tumor glutamine starvation therapy and enhanced type-I photodynamic therapy. Biomaterials, 2022, 283, 121462.	5.7	75
300	Cellular and Mitochondrial Dualâ€Targeted Organic Dots with Aggregationâ€Induced Emission Characteristics for Imageâ€Guided Photodynamic Therapy. Advanced Healthcare Materials, 2015, 4, 2667-2676.	3.9	74
301	Siloleâ€Based Red Fluorescent Organic Dots for Bright Twoâ€Photon Fluorescence In vitro Cell and In vivo Blood Vessel Imaging. Small, 2016, 12, 782-792.	5.2	74
302	Aggregate Science: Much to Explore in the Meso World. Matter, 2021, 4, 338-349.	5.0	74
303	Codes in Code: AIE Supramolecular Adhesive Hydrogels Store Huge Amounts of Information. Advanced Materials, 2021, 33, e2105418.	11.1	74
304	A Highly Active and Magnetically Recoverable Tris(triazolyl)â€“Cu^I Catalyst for Alkyneâ€“Azide Cycloaddition Reactions. Chemistry - A European Journal, 2014, 20, 4047-4054.	1.7	73
305	Recent Advances in Alkyneâ€Based Multicomponent Polymerizations. Macromolecular Chemistry and Physics, 2016, 217, 213-224.	1.1	73
306	High-Contrast Visualization and Differentiation of Microphase Separation in Polymer Blends by Fluorescent AIE Probes. Macromolecules, 2017, 50, 5807-5815.	2.2	73

#	Article	IF	Citations
307	An Easily Accessible Ionic Aggregationâ€Induced Emission Luminogen with Hydrogenâ€Bondingâ€Switchable Emission and Washâ€Free Imaging Ability. Angewandte Chemie - International Edition, 2018, 57, 5011-5015.	7.2	73
308	Specific discrimination of gram-positive bacteria and direct visualization of its infection towards mammalian cells by a DPAN-based AIEgen. Biomaterials, 2018, 187, 47-54.	5.7	73
309	Molecular Design, Circularly Polarized Luminescence, and Helical Selfâ€Assembly of Chiral Aggregationâ€Induced Emission Molecules. Chemistry - an Asian Journal, 2019, 14, 674-688.	1.7	73
310	Exploration of High Efficiency AIEâ€Active Deep/Nearâ€Infrared Red Emitters in OLEDs with Highâ€Radiance. Advanced Optical Materials, 2020, 8, 1901520.	3.6	72
311	Bright Aggregation-Induced Emission Nanoparticles for Two-Photon Imaging and Localized Compound Therapy of Cancers. ACS Nano, 2020, 14, 16840-16853.	7.3	72
312	Reverse Thinking of the Aggregationâ€Induced Emission Principle: Amplifying Molecular Motions to Boost Photothermal Efficiency of Nanofibers**. Angewandte Chemie - International Edition, 2020, 59, 20371-20375.	7.2	72
313	Innovative Synthetic Procedures for Luminogens Showing Aggregationâ€Induced Emission. Angewandte Chemie - International Edition, 2021, 60, 15724-15742.	7.2	72
314	Type I AIE photosensitizers: Mechanism and application. View, 2022, 3, 20200121.	2.7	72
315	Computational Evaluation of Optoelectronic Properties for Organic/Carbon Materials. Accounts of Chemical Research, 2014, 47, 3301-3309.	7.6	71
316	Molecular Motion in the Solid State. , 2019, 1, 425-431.		71
317	â€œLivingâ€luminogens: light driven ACQ-to-AIE transformation accompanied with solid-state actuation. Materials Horizons, 2020, 7, 1566-1572.	6.4	71
318	Dragonfly-shaped near-infrared AIEgen with optimal fluorescence brightness for precise image-guided cancer surgery. Biomaterials, 2020, 248, 120036.	5.7	71
319	Direct Visualization of Chiral Amplification of Chiral Aggregation Induced Emission Molecules in Nematic Liquid Crystals. ACS Nano, 2021, 15, 4956-4966.	7.3	71
320	Self-Assembly of Ultralong Polyion Nanoladders Facilitated by Ionic Recognition and Molecular Stiffness. Journal of the American Chemical Society, 2014, 136, 1942-1947.	6.6	70
321	Aptamer-Decorated Self-Assembled Aggregation-Induced Emission Organic Dots for Cancer Cell Targeting and Imaging. Analytical Chemistry, 2018, 90, 1063-1067.	3.2	70
322	Aggregation-Induced Emission Probe for Study of the Bactericidal Mechanism of Antimicrobial Peptides. ACS Applied Materials & Interfaces, 2018, 10, 11436-11442.	4.0	70
323	In situ monitoring of molecular aggregation using circular dichroism. Nature Communications, 2018, 9, 4961.	5.8	70
324	<scp>Aggregationâ€Induced</scp> Emission: A Rising Star in Chemistry and Materials Science. Chinese Journal of Chemistry, 2021, 39, 677-689.	2.6	69

#	Article	IF	Citations
325	Highly Emissive AIEgens with Multiple Functions: Facile Synthesis, Chromism, Specific Lipid Droplet Imaging, Apoptosis Monitoring, and In Vivo Imaging. Chemistry of Materials, 2018, 30, 7892-7901.	3.2	68
326	AIE-based super-resolution imaging probes for Î²-amyloid plaques in mouse brains. Materials Chemistry Frontiers, 2018, 2, 1554-1562.	3.2	68
327	Sparks fly when AIE meets with polymers. Materials Chemistry Frontiers, 2019, 3, 2207-2220.	3.2	68
328	Using the isotope effect to probe an aggregation induced emission mechanism: theoretical prediction and experimental validation. Chemical Science, 2016, 7, 5573-5580.	3.7	67
329	Photomechanical Luminescence from Throughâ€Space Conjugated AIEgens. Angewandte Chemie - International Edition, 2020, 59, 8828-8832.	7.2	67
330	Cationization to boost both type I and type II ROS generation for photodynamic therapy. Biomaterials, 2022, 280, 121255.	5.7	67
331	Aliphatic Polyesters with White-Light Clusteroluminescence. Journal of the American Chemical Society, 2022, 144, 15286-15294.	6.6	67
332	The Clicked Pyridylâ€Triazole Ligand: From Homogeneous to Robust, Recyclable Heterogeneous Monoâ€• and Polymetallic Palladium Catalysts for Efficient Suzukiâ€“Miyaura, Sonogashira, and Heck Reactions. Advanced Synthesis and Catalysis, 2013, 355, 129-142.	2.1	66
333	Fluorogenic Detection and Characterization of Proteins by Aggregationâ€Induced Emission Methods. Chemistry - A European Journal, 2019, 25, 5824-5847.	1.7	66
334	Waterâ€Soluble Tetraphenylethene Derivatives as Fluorescent â€œLightâ€Upâ€•Probes for Nucleic Acid Detection and Their Applications in Cell Imaging. Chemistry - an Asian Journal, 2013, 8, 1806-1812.	1.7	65
335	Sensitive and reliable detection of glass transition of polymers by fluorescent probes based on AIE luminogens. Polymer Chemistry, 2015, 6, 3537-3542.	1.9	64
336	Drawing a clear mechanistic picture for the aggregation-induced emission process. Materials Chemistry Frontiers, 2019, 3, 1143-1150.	3.2	64
337	Pillar[5]areneâ€Modified Gold Nanorods as Nanocarriers for Multiâ€Modal Imagingâ€Guided Synergistic Photodynamicâ€Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2009924.	7.8	64
338	Bright Bacterium for Hypoxiaâ€Tolerant Photodynamic Therapy Against Orthotopic Colon Tumors by an Interventional Method. Advanced Science, 2021, 8, e2004769.	5.6	64
339	Silole nanocrystals as novel biolabels. Journal of Immunological Methods, 2004, 295, 111-118.	0.6	63
340	A fluorescent probe with aggregation-induced emission characteristics for distinguishing homocysteine over cysteine and glutathione. Journal of Materials Chemistry C, 2015, 3, 8397-8402.	2.7	63
341	An Easily Accessible Ionic Aggregationâ€Induced Emission Luminogen with Hydrogenâ€Bondingâ€Switchable Emission and Washâ€Free Imaging Ability. Angewandte Chemie, 2018, 130, 5105-5109.	1.6	63
342	Tuning Pushâ€“Pull Electronic Effects of AIEgens to Boost the Theranostic Efficacy for Colon Cancer. Journal of the American Chemical Society, 2020, 142, 11442-11450.	6.6	63

#	Article	IF	Citations
343	Efficient and Magnetically Recoverable â€œClickâ€•PEGylated Î³â€Fe₂O₃â€“Pd Nanoparticle Catalysts for Suzukiâ€“Miyaura, Sonogashira, and Heck Reactions with Positive Dendritic Effects. Chemistry - A European Journal, 2015, 21, 1508-1519.	1.7	62
344	A Substitutionâ€Dependent Lightâ€Up Fluorescence Probe for Selectively Detecting Fe³⁺ Ions and Its Cell Imaging Application. Advanced Functional Materials, 2018, 28, 1802833.	7.8	62
345	Ultrafast and Noninvasive Long-Term Bioimaging with Highly Stable Red Aggregation-Induced Emission Nanoparticles. Analytical Chemistry, 2019, 91, 3467-3474.	3.2	62
346	Molecular Motions in AIEgen Crystals: Turning on Photoluminescence by Force-Induced Filament Sliding. Journal of the American Chemical Society, 2020, 142, 14608-14618.	6.6	62
347	AIE Bioconjugates for Biomedical Applications. Advanced Optical Materials, 2020, 8, 2000162.	3.6	62
348	A self-assembly induced emission system constructed by the hostâ€“guest interaction of AIE-active building blocks. Chemical Communications, 2015, 51, 1089-1091.	2.2	61
349	The unusual aggregation-induced emission of coplanar organoboron isomers and their lipid droplet-specific applications. Materials Chemistry Frontiers, 2018, 2, 1498-1507.	3.2	61
350	A Facile Strategy To Prepare Smart Coatings with Autonomous Self-Healing and Self-Reporting Functions. ACS Applied Materials & Interfaces, 2020, 12, 4870-4877.	4.0	61
351	A Facile Strategy of Boosting Photothermal Conversion Efficiency through State Transformation for Cancer Therapy. Advanced Materials, 2021, 33, e2105999.	11.1	61
352	9,10-Phenanthrenequinone: A Promising Kernel to Develop Multifunctional Antitumor Systems for Efficient Type I Photodynamic and Photothermal Synergistic Therapy. ACS Nano, 2021, 15, 20042-20055.	7.3	61
353	Aggregation-Induced Emission Nanoparticles for Single Near-Infrared Light-Triggered Photodynamic and Photothermal Antibacterial Therapy. ACS Nano, 2022, 16, 7961-7970.	7.3	61
354	A recyclable ruthenium(ii) complex supported on magnetic nanoparticles: a regioselective catalyst for alkyneâ€“azide cycloaddition. Chemical Communications, 2013, 49, 6956.	2.2	60
355	Multicomponent Click Polymerization: A Facile Strategy toward Fused Heterocyclic Polymers. Macromolecules, 2016, 49, 5475-5483.	2.2	60
356	A multifunctional luminogen with aggregation-induced emission characteristics for selective imaging and photodynamic killing of both cancer cells and Gram-positive bacteria. Journal of Materials Chemistry B, 2018, 6, 3894-3903.	2.9	60
357	Making the Best Use of Excited-State Energy: Multimodality Theranostic Systems Based on Second Near-Infrared (NIR-II) Aggregation-Induced Emission Luminogens (AIEgens). , 2020, 2, 1033-1040.		60
358	Covalent Immobilization of Aggregationâ€Induced Emission Luminogens in Silica Nanoparticles Through Click Reaction. Small, 2011, 7, 1448-1455.	5.2	59
359	Design and Applications of an Efficient Amphiphilic â€œClickâ€•Cu^I Catalyst in Water. ACS Catalysis, 2016, 6, 5424-5431.	5.5	59
360	Thermoresponsive AIE polymers with fine-tuned response temperature. Journal of Materials Chemistry C, 2016, 4, 2964-2970.	2.7	59

#	Article	IF	Citations
361	Aggregation-induced emission probes for cancer theranostics. Drug Discovery Today, 2017, 22, 1288-1294.	3.2	59
362	Multifunctional Supramolecular Assemblies with Aggregation-Induced Emission (AIE) for Cell Line Identification, Cell Contamination Evaluation, and Cancer Cell Discrimination. ACS Nano, 2020, 14, 7552-7563.	7.3	59
363	One stone, three birds: one AIEgen with three colors for fast differentiation of three pathogens. Chemical Science, 2020, 11, 4730-4740.	3.7	59
364	Water-soluble bioprobes with aggregation-induced emission characteristics for light-up sensing of heparin. Journal of Materials Chemistry B, 2014, 2, 4134-4141.	2.9	58
365	A New Strategy toward â€œSimpleâ€•Waterâ€Soluble AIE Probes for Hypoxia Detection. Advanced Functional Materials, 2019, 29, 1903278.	7.8	58
366	AIE Featured Inorganicâ€“Organic Core@Shell Nanoparticles for High-Efficiency siRNA Delivery and Real-Time Monitoring. Nano Letters, 2019, 19, 2272-2279.	4.5	58
367	Aggregation caused quenching to aggregation induced emission transformation: a precise tuning based on BN-doped polycyclic aromatic hydrocarbons toward subcellular organelle specific imaging. Chemical Science, 2022, 13, 3129-3139.	3.7	58
368	Red-emissive azabenzanthrone derivatives for photodynamic therapy irradiated with ultralow light power density and two-photon imaging. Chemical Science, 2018, 9, 5165-5171.	3.7	57
369	Materials interaction in aggregation-induced emission (AIE)-based fluorescent resin for smart coatings. Journal of Materials Chemistry C, 2018, 6, 12849-12857.	2.7	57
370	Manipulating Solid-State Intramolecular Motion toward Controlled Fluorescence Patterns. ACS Nano, 2020, 14, 2090-2098.	7.3	57
371	In Situ Electrospinning of Aggregationâ€Induced Emission Nanofibrous Dressing for Wound Healing. Small Methods, 2022, 6, e2101247.	4.6	57
372	Single injection and multiple treatments: An injectable nanozyme hydrogel as AIEgen reservoir and release controller for efficient tumor therapy. Nano Today, 2021, 37, 101091.	6.2	56
373	Remarkable Multichannel Conductance of Novel Single-Molecule Wires Built on Through-Space Conjugated Hexaphenylbenzene. Nano Letters, 2018, 18, 4200-4205.	4.5	55
374	One-for-all phototheranostics: Single component AIE dots as multi-modality theranostic agent for fluorescence-photoacoustic imaging-guided synergistic cancer therapy. Biomaterials, 2021, 274, 120892.	5.7	55
375	Precise Molecular Engineering of Type I Photosensitizers with Nearâ€Infrared Aggregationâ€Induced Emission for Imageâ€Guided Photodynamic Killing of Multidrugâ€Resistant Bacteria. Advanced Science, 2022, 9, e2104079.	5.6	55
376	Upregulating Aggregationâ€Inducedâ€Emission Nanoparticles with Bloodâ€“Tumorâ€Barrier Permeability for Precise Photothermal Eradication of Brain Tumors and Induction of Local Immune Responses. Advanced Materials, 2021, 33, e2008802.	11.1	54
377	Multicomponent Tandem Reactions and Polymerizations of Alkynes, Carbonyl Chlorides, and Thiols. Macromolecules, 2015, 48, 1941-1951.	2.2	53
378	Highly stable and bright AIE dots for NIR-II deciphering of living rats. Nano Today, 2020, 34, 100893.	6.2	53

#	Article	IF	Citations
379	Evoking Photothermy by Capturing Intramolecular Bond Stretching Vibration-Induced Dark-State Energy. ACS Nano, 2020, 14, 4265-4275.	7.3	53
380	AIEgen-loaded nanofibrous membrane as photodynamic/photothermal antimicrobial surface for sunlight-triggered bioprotection. Biomaterials, 2021, 276, 121007.	5.7	53
381	Smart Probe for Tracing Cancer Therapy: Selective Cancer Cell Detection, Image-Guided Ablation, and Prediction of Therapeutic Response In Situ. Small, 2015, 11, 4682-4690.	5.2	52
382	Direct Polymerization of Carbon Dioxide, Diynes, and Alkyl Dihalides under Mild Reaction Conditions. Macromolecules, 2018, 51, 42-48.	2.2	52
383	Fluorescence Turn-On Visualization of Microscopic Processes for Self-Healing Gels by AIEgens and Anticounterfeiting Application. Chemistry of Materials, 2019, 31, 5683-5690.	3.2	52
384	Facile Strategy for Fabrication of Flexible, Breathable, and Washable Piezoelectric Sensors via Welding of Nanofibers with Multiwalled Carbon Nanotubes (MWCNTs). ACS Applied Materials & Interfaces, 2019, 11, 38023-38030.	4.0	52
385	Structure-tuned and thermodynamically controlled mechanochromic self-recovery of AIE-active Au(<scp>i</scp>) complexes. Journal of Materials Chemistry C, 2020, 8, 894-899.	2.7	52
386	Visualization and Manipulation of Solid-State Molecular Motions in Cocrystallization Processes. Journal of the American Chemical Society, 2021, 143, 9468-9477.	6.6	52
387	Electronic effect on the optical properties and sensing ability of AIEgens with ESIPT process based on salicylaldehyde azine. Science China Chemistry, 2018, 61, 76-87.	4.2	51
388	Mitochondriaâ€Targeting Phototheranostics by Aggregationâ€Induced NIRâ€II Emission Luminogens: Modulating Intramolecular Motion by Electron Acceptor Engineering for Multiâ€Modal Synergistic Therapy. Advanced Functional Materials, 2022, 32, .	7.8	51
389	Poly(triphenyl ethene) and poly(tetraphenyl ethene): synthesis, aggregation-induced emission property and application as paper sensors for effective nitro-compounds detection. Polymer Chemistry, 2016, 7, 6309-6317.	1.9	50
390	Click Synthesis, Aggregationâ€Induced Emission and Chirality, Circularly Polarized Luminescence, and Helical Selfâ€Assembly of a Leucineâ€Containing Silole. Small, 2016, 12, 6593-6601.	5.2	50
391	Polyyne bridged AIE luminogens with red emission: design, synthesis, properties and applications. Journal of Materials Chemistry B, 2017, 5, 1650-1657.	2.9	50
392	A Simple and Sensitive Method for an Important Physical Parameter: Reliable Measurement of Glass Transition Temperature by AIEgens. Macromolecules, 2017, 50, 7620-7627.	2.2	50
393	Rational design of red AIEgens with a new core structure from non-emissive heteroaromatics. Chemical Science, 2018, 9, 7829-7834.	3.7	50
394	Highly Stable and Bright NIR-II AIE Dots for Intraoperative Identification of Ureter. ACS Applied Materials & Interfaces, 2020, 12, 8040-8049.	4.0	50
395	Molecular Engineering of High-Performance Aggregation-Induced Emission Photosensitizers to Boost Cancer Theranostics Mediated by Acid-Triggered Nucleus-Targeted Nanovectors. ACS Nano, 2021, 15, 10689-10699.	7.3	50
396	Secondary through-space interactions facilitated single-molecule white-light emission from clusteroluminogens. Nature Communications, 2022, 13, .	5.8	50

#	Article	IF	Citations
397	Quick and highly efficient copper-catalyzed cycloaddition of organic azides with terminal alkynes. Organic and Biomolecular Chemistry, 2012, 10, 229-231.	1.5	49
398	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. Angewandte Chemie, 2018, 130, 12653-12657.	1.6	49
399	Multicomponent Polymerizations of Alkynes, Sulfonyl Azides, and 2-Hydroxybenzonitrile/2-Aminobenzonitrile toward Multifunctional Iminocoumarin/Quinoline-Containing Poly(N-sulfonylimine)s. ACS Macro Letters, 2019, 8, 101-106.	2.3	49
400	NIRâ€II AIEgens: A Winâ€“Win Integration towards Bioapplications. Angewandte Chemie, 2021, 133, 7552-7563.	1.6	49
401	Mechanochromic Fluorescent Polymers Enabled by AIE Processes. Macromolecular Rapid Communications, 2021, 42, e2000311.	2.0	49
402	Clusteroluminescence from Cluster Excitons in Small Heterocyclics Free of Aromatic Rings. Advanced Science, 2021, 8, 2004299.	5.6	49
403	Efficient Killing of Multidrugâ€Resistant Internalized Bacteria by AIEgens In Vivo. Advanced Science, 2021, 8, 2001750.	5.6	49
404	Multifunctional Au^Iâ€based AIEgens: Manipulating Molecular Structures and Boosting Specific Cancer Cell Imaging and Theranostics. Angewandte Chemie - International Edition, 2020, 59, 7097-7105.	7.2	49
405	Aggregationâ€Induced Emission: More Is Different. Angewandte Chemie - International Edition, 2020, 59, 9788-9789.	7.2	49
406	Noncrystalline nickel phosphide decorated poly(vinyl alcohol-co-ethylene) nanofibrous membrane for catalytic hydrogenation of p-nitrophenol. Applied Catalysis B: Environmental, 2016, 196, 223-231.	10.8	48
407	Room Temperature Multicomponent Polymerizations of Alkynes, Sulfonyl Azides, and Iminophosphorane toward Heteroatom-Rich Multifunctional Poly(phosphorus amidine)s. Macromolecules, 2017, 50, 6043-6053.	2.2	48
408	Charge control of fluorescent probes to selectively target the cell membrane or mitochondria: theoretical prediction and experimental validation. Materials Horizons, 2019, 6, 2016-2023.	6.4	48
409	Less is more: Silver-AIE core@shell nanoparticles for multimodality cancer imaging and synergistic therapy. Biomaterials, 2020, 238, 119834.	5.7	48
410	Seeing the unseen: AIE luminogens for super-resolution imaging. Coordination Chemistry Reviews, 2022, 451, 214279.	9.5	48
411	Synchronously boosting type-I photodynamic and photothermal efficacies via molecular manipulation for pancreatic cancer theranostics in the NIR-II window. Biomaterials, 2022, 283, 121476.	5.7	48
412	Three-Component Regio- and Stereoselective Polymerizations toward Functional Chalcogen-Rich Polymers with AIE-Activities. Journal of the American Chemical Society, 2019, 141, 14712-14719.	6.6	47
413	Fluorescence Selfâ€Reporting Precipitation Polymerization Based on Aggregationâ€Induced Emission for Constructing Optical Nanoagents. Angewandte Chemie - International Edition, 2020, 59, 10122-10128.	7.2	47
414	Aggregation-Induced Generation of Reactive Oxygen Species: Mechanism and Photosensitizer Construction. Molecules, 2021, 26, 268.	1.7	47

#	Article	IF	Citations
415	Enlarging the Reservoir: High Absorption Coefficient Dyes Enable Synergetic Near Infraredâ€Ⅱ Fluorescence Imaging and Near Infraredâ€Ⅰ Photothermal Therapy. Advanced Functional Materials, 2021, 31, 2102213.	7.8	47
416	High-Performance Near-Infrared Aggregation-Induced Emission Luminogen with Mitophagy Regulating Capability for Multimodal Cancer Theranostics. ACS Nano, 2021, 15, 20453-20465.	7.3	47
417	Molecular Transmission: Visible and Rate-Controllable Photoreactivity and Synergy of Aggregation-Induced Emission and Hostâ€“Guest Assembly. Chemistry of Materials, 2019, 31, 1092-1100.	3.2	46
418	Boosting Nonâ€Radiative Decay to Do Useful Work: Development of a Multiâ€Modality Theranostic System from an AIEgen. Angewandte Chemie, 2019, 131, 5684-5688.	1.6	46
419	Photoresponsive spiro-polymers generated in situ by Câ€“H-activated polyspiroannulation. Nature Communications, 2019, 10, 5483.	5.8	46
420	Polymorph selectivity of an AIE luminogen under nano-confinement to visualize polymer microstructures. Chemical Science, 2020, 11, 997-1005.	3.7	46
421	Modular Peptide Probe for Pre/Intra/Postoperative Therapeutic to Reduce Recurrence in Ovarian Cancer. ACS Nano, 2020, 14, 14698-14714.	7.3	46
422	Mitochondria-Specific Aggregation-Induced Emission Luminogens for Selective Photodynamic Killing of Fungi and Efficacious Treatment of Keratitis. ACS Nano, 2021, 15, 12129-12139.	7.3	46
423	Trojan Horseâ€Like Nanoâ€AIE Aggregates Based on Homologous Targeting Strategy and Their Photodynamic Therapy in Anticancer Application. Advanced Science, 2021, 8, e2102561.	5.6	46
424	A tetraphenylethene-based caged compound: synthesis, properties and applications. Chemical Communications, 2014, 50, 8134-8136.	2.2	45
425	Silica shelled and block copolymer encapsulated red-emissive AIE nanoparticles with 50% quantum yield for two-photon excited vascular imaging. Chemical Communications, 2015, 51, 13416-13419.	2.2	45
426	Fabrication of Propeller-Shaped Supra-amphiphile for Construction of Enzyme-Responsive Fluorescent Vesicles. ACS Applied Materials & Interfaces, 2016, 8, 27987-27995.	4.0	45
427	Super-Resolution Visualization of Self-Assembling Helical Fibers Using Aggregation-Induced Emission Luminogens in Stimulated Emission Depletion Nanoscopy. ACS Nano, 2019, 13, 11863-11873.	7.3	45
428	Functional Scaffolds from AIE Building Blocks. Matter, 2020, 3, 1862-1892.	5.0	45
429	Cancer cell discrimination and dynamic viability monitoring through wash-free bioimaging using AIEgens. Chemical Science, 2020, 11, 7676-7684.	3.7	45
430	Tetraphenylpyrazine-based luminogens with full-colour emission. Materials Chemistry Frontiers, 2018, 2, 1310-1316.	3.2	44
431	Iron(III)-catalyzed synthesis of multi-substituted imidazoles via [3+2] cycloaddition reaction of nitroolefins and N-aryl benzamidines. Tetrahedron, 2013, 69, 9417-9421.	1.0	42
432	Construction of regio- and stereoregular poly(enaminone)s by multicomponent tandem polymerizations of diynes, diaroyl chloride and primary amines. Polymer Chemistry, 2015, 6, 4436-4446.	1.9	42

#	Article	IF	Citations
433	Multifunctional Poly(N-sulfonylamidine)s Constructed by Cu-Catalyzed Three-Component Polycouplings of Diynes, Disulfonyl Azide, and Amino Esters. Macromolecules, 2015, 48, 3180-3189.	2.2	42
434	A highly fluorescent AIE-active theranostic agent with anti-tumor activity to specific cancer cells. Nanoscale, 2016, 8, 12520-12523.	2.8	42
435	Lysosome-Targeting Red-Emitting Aggregation-Induced Emission Probe with Large Stokes Shift for Light-Up in Situ Visualization of Î²-N-Acetylhexosaminidase. Analytical Chemistry, 2019, 91, 12611-12614.	3.2	42
436	Unveiling the crucial contributions of electrostatic and dispersion interactions to the ultralong room-temperature phosphorescence of H-bond crosslinked poly(vinyl alcohol) films. Materials Horizons, 2022, 9, 1081-1088.	6.4	42
437	Conjugated Polyelectrolytes with Aggregationâ€Enhanced Emission Characteristics: Synthesis and their Biological Applications. Chemistry - an Asian Journal, 2013, 8, 2436-2445.	1.7	41
438	Synthesis of 1,5-regioregular polytriazoles by efficient NMe₄OH-mediated azideâ€“alkyne click polymerization. Polymer Chemistry, 2015, 6, 5545-5549.	1.9	41
439	Robust, Efficient, and Recyclable Catalysts from the Impregnation of Preformed Dendrimers Containing Palladium Nanoparticles on a Magnetic Support. ChemCatChem, 2015, 7, 303-308.	1.8	41
440	A supramolecular fluorescent vesicle based on a coordinating aggregation induced emission amphiphile: insight into the role of electrical charge in cancer cell division. Chemical Communications, 2016, 52, 12466-12469.	2.2	41
441	Facile emission color tuning and circularly polarized light generation of single luminogen in engineering robust forms. Materials Horizons, 2019, 6, 405-411.	6.4	41
442	Making Aggregation-Induced Emission Luminogen More Valuable by Gold: Enhancing Anticancer Efficacy by Suppressing Thioredoxin Reductase Activity. ACS Nano, 2021, 15, 9176-9185.	7.3	41
443	Incorporating spin-orbit coupling promoted functional group into an enhanced electron D-A system: A useful designing concept for fabricating efficient photosensitizer and imaging-guided photodynamic therapy. Biomaterials, 2021, 275, 120934.	5.7	41
444	Cascade Polyannulation of Diyne and Benzoylacetonitrile: A New Strategy for Synthesizing Functional Substituted Poly(naphthopyran)s. Macromolecules, 2015, 48, 4241-4249.	2.2	40
445	Supramolecular Polymerization with Dynamic Self-Sorting Sequence Control. Macromolecules, 2019, 52, 8814-8825.	2.2	40
446	SwissKnife-Inspired Multifunctional Fluorescence Probes for Cellular Organelle Targeting Based on Simple AIEgens. Analytical Chemistry, 2019, 91, 2169-2176.	3.2	40
447	Deep-Red Fluorescent Organic Nanoparticles with High Brightness and Photostability for Super-Resolution in Vitro and in Vivo Imaging Using STED Nanoscopy. ACS Applied Materials & Interfaces, 2020, 12, 6814-6826.	4.0	40
448	Bright red aggregation-induced emission nanoparticles for multifunctional applications in cancer therapy. Chemical Science, 2020, 11, 2369-2374.	3.7	40
449	Photoresponsive Polymers with Aggregation-Induced Emission. ACS Applied Polymer Materials, 2021, 3, 2290-2309.	2.0	40
450	Bringing Inherent Charges into Aggregation-Induced Emission Research. Accounts of Chemical Research, 2022, 55, 197-208.	7.6	40

#	Article	IF	Citations
451	Deep-Brain Three-Photon Imaging Enabled by Aggregation-Induced Emission Luminogens with Near-Infrared-III Excitation. ACS Nano, 2022, 16, 6712-6724.	7.3	40
452	A cell membrane-targeting AIE photosensitizer as a necroptosis inducer for boosting cancer theranostics. Chemical Science, 2022, 13, 5929-5937.	3.7	40
453	Sodium hydroxide-catalyzed transfer hydrogenation of carbonyl compounds and nitroarenes using ethanol or isopropanol as both solvent and hydrogen donor. Journal of Molecular Catalysis A, 2015, 400, 14-21.	4.8	39
454	Functional Built-In Template Directed Siliceous Fluorescent Supramolecular Vesicles as Diagnostics. ACS Applied Materials & Interfaces, 2017, 9, 21706-21714.	4.0	39
455	AIEgens in cell-based multiplex fluorescence imaging. Science China Chemistry, 2019, 62, 1312-1332.	4.2	39
456	Highly efficient phototheranostics of macrophage-engulfed Gram-positive bacteria using a NIR luminogen with aggregation-induced emission characteristics. Biomaterials, 2020, 261, 120340.	5.7	39
457	Multifaceted functionalities constructed from pyrazine-based AIEgen system. Coordination Chemistry Reviews, 2020, 422, 213472.	9.5	39
458	AIEgens: An emerging fluorescent sensing tool to aid food safety and quality control. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 2297-2329.	5.9	39
459	Cost-effective resource utilization for waste biomass: A simple preparation method of photo-thermal biochar cakes (BCs) toward dye wastewater treatment with solar energy. Environmental Research, 2021, 194, 110720.	3.7	39
460	Syntheses, properties, and applications of CO2-based functional polymers. Cell Reports Physical Science, 2022, 3, 100719.	2.8	39
461	Aggregation-induced emission (AIE) dye loaded polymer nanoparticles for gene silencing in pancreatic cancer and their in vitro and in vivo biocompatibility evaluation. Nano Research, 2015, 8, 1563-1576.	5.8	38
462	Aggregation-Induced Emission Probe for Specific Turn-On Quantification of Soluble Transferrin Receptor: An Important Disease Marker for Iron Deficiency Anemia and Kidney Diseases. Analytical Chemistry, 2018, 90, 1154-1160.	3.2	38
463	A ratiometric fluorescent probe based on AIEgen for detecting HClO in living cells. Chemical Communications, 2020, 56, 14613-14616.	2.2	38
464	Fabrics Attached with Highly Efficient Aggregation-Induced Emission Photosensitizer: Toward Self-Antiviral Personal Protective Equipment. ACS Nano, 2021, 15, 13857-13870.	7.3	38
465	A near-infrared AIE probe for super-resolution imaging and nuclear lipid droplet dynamic study. Materials Chemistry Frontiers, 2021, 5, 3043-3049.	3.2	37
466	Sideâ€Chain Engineering of Aggregationâ€Induced Emission Molecules for Boosting Cancer Phototheranostics. Advanced Functional Materials, 2021, 31, 2107545.	7.8	37
467	Photo-Enhanced Chemotherapy Performance in Bladder Cancer Treatment via Albumin Coated AIE Aggregates. ACS Nano, 2022, 16, 7535-7546.	7.3	37
468	Iron(III)â€Catalyzed Synthesis of 1,2,4â€Trisubstituted Imidazoles through the Reactions of Amidines and Aldehydes in Air. Advanced Synthesis and Catalysis, 2013, 355, 2798-2802.	2.1	36

#	Article	IF	Citations
469	Enlightening Freezeâ€“Thaw Process of Physically Cross-Linked Poly(vinyl alcohol) Hydrogels by Aggregation-Induced Emission Fluorogens. ACS Applied Polymer Materials, 2019, 1, 1390-1398.	2.0	36
470	Solid-state intramolecular motions in continuous fibers driven by ambient humidity for fluorescent sensors. National Science Review, 2021, 8, nwaa135.	4.6	36
471	Recent Advances in Aggregationâ€Induced Emission Materials and Their Biomedical and Healthcare Applications. Advanced Healthcare Materials, 2021, 10, e2101055.	3.9	36
472	Strategies to Enhance the Photosensitization: Polymerization and the Donorâ€“Acceptor Evenâ€“Odd Effect. Angewandte Chemie, 2018, 130, 15409-15413.	1.6	35
473	Stereotactic Photodynamic Therapy Using a Twoâ€Photon AIE Photosensitizer. Small, 2019, 15, e1905080.	5.2	35
474	Specific Targeting, Imaging, and Ablation of Tumor-Associated Macrophages by Theranostic Mannoseâ€“AIEgen Conjugates. Analytical Chemistry, 2019, 91, 6836-6843.	3.2	35
475	Controllable and Diversiform Topological Morphologies of Selfâ€Assembling Supraâ€Amphiphiles with Aggregationâ€Induced Emission Characteristics for Mimicking Lightâ€Harvesting Antenna. Advanced Science, 2020, 7, 2001909.	5.6	35
476	Targeted Theranostics for Tuberculosis: A Rifampicin-Loaded Aggregation-Induced Emission Carrier for Granulomas Tracking and Anti-Infection. ACS Nano, 2020, 14, 8046-8058.	7.3	35
477	Patient-derived microvesicles/AIE luminogen hybrid system for personalized sonodynamic cancer therapy in patient-derived xenograft models. Biomaterials, 2021, 272, 120755.	5.7	35
478	Aggregate Materials beyond AIEgens. Accounts of Materials Research, 2021, 2, 1251-1260.	5.9	35
479	Tuning the electronic nature of aggregation-induced emission chromophores with enhanced electron-transporting properties. Journal of Materials Chemistry, 2012, 22, 5184.	6.7	34
480	Anionic conjugated polytriazole: direct preparation, aggregation-enhanced emission, and highly efficient Al³⁺ sensing. Polymer Chemistry, 2016, 7, 5835-5839.	1.9	34
481	Evoking Highly Immunogenic Ferroptosis Aided by Intramolecular Motionâ€Induced Photoâ€Hyperthermia for Cancer Therapy. Advanced Science, 2022, 9, e2104885.	5.6	34
482	Multicomponent Polycoupling of Internal Diynes, Aryl Diiodides, and Boronic Acids to Functional Poly(tetraarylethene)s. Macromolecules, 2015, 48, 8098-8107.	2.2	33
483	Efficient red AIEgens based on tetraphenylethene: synthesis, structure, photoluminescence and electroluminescence. Journal of Materials Chemistry C, 2018, 6, 5900-5907.	2.7	33
484	Multifunctional Linear and Hyperbranched Five-Membered Cyclic Carbonate-Based Polymers Directly Generated from CO₂ and Alkyne-Based Three-Component Polymerization. Macromolecules, 2019, 52, 5546-5554.	2.2	33
485	Design and Synthesis of Luminescent Liquid Crystalline Polymers with â€œJacketingâ€• Effect and Luminescent Patterning Applications. Macromolecules, 2019, 52, 3668-3679.	2.2	33
486	Circularly Polarized Luminescence from Chiral Conjugated Poly(carbazole-ran-acridine)s with Aggregation-Induced Emission and Delayed Fluorescence. ACS Applied Polymer Materials, 2019, 1, 221-229.	2.0	33

#	Article	IF	Citations
487	Centimeter-Deep NIR-II Fluorescence Imaging with Nontoxic AIE Probes in Nonhuman Primates. Research, 2020, 2020, 4074593.	2.8	33
488	Polyarylcyanation of Diyne: A One-Pot Three-Component Convenient Route for In Situ Generation of Polymers with AIE Characteristics. Macromolecules, 2016, 49, 8888-8898.	2.2	32
489	Simultaneously boosting the conjugation, brightness and solubility of organic fluorophores by using AIEgens. Chemical Science, 2020, 11, 8438-8447.	3.7	32
490	AIEgen-Based Polymer Nanocomposites for Imaging-Guided Photothermal Therapy. ACS Applied Polymer Materials, 2020, 2, 4306-4318.	2.0	32
491	The AIEâ€Active Dualâ€Cationic Molecular Engineering: Synergistic Effect of Dark Toxicity and Phototoxicity for Anticancer Therapy. Advanced Functional Materials, 2021, 31, 2106988.	7.8	32
492	Catalysis Inside Dendrimers. Synthesis, 2015, 47, 2017-2031.	1.2	31
493	Tailoring the Molecular Properties with Isomerism Effect of AIEgens. Advanced Functional Materials, 2019, 29, 1903834.	7.8	31
494	Structural Modification Orientated Multifunctional AIE Fluorescence Probes: Organelles Imaging and Effective Photosensitizer for Photodynamic Therapy. Advanced Optical Materials, 2020, 8, 1901433.	3.6	31
495	AIEâ€Based Theranostic Probe for Sequential Imaging and Killing of Bacteria and Cancer Cells. Advanced Optical Materials, 2020, 8, 1902191.	3.6	31
496	Inorganicâ€“Organic Nanocomposites Based on Aggregationâ€Induced Emission Luminogens. Advanced Functional Materials, 2021, 31, 2006952.	7.8	31
497	Fluorescent polymer cubosomes and hexosomes with aggregation-induced emission. Chemical Science, 2021, 12, 5495-5504.	3.7	31
498	How do molecular interactions affect fluorescence behavior of AIEgens in solution and aggregate states?. Science China Chemistry, 2022, 65, 135-144.	4.2	31
499	Novel Quinolizine AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	31
500	Fluorogens with Aggregation Induced Emission: Ideal Photoacoustic Contrast Reagents Due to Intramolecular Rotation. Journal of Nanoscience and Nanotechnology, 2015, 15, 1864-1868.	0.9	30
501	Direct Construction of Acid-Responsive Poly(indolone)s through Multicomponent Tandem Polymerizations. ACS Macro Letters, 2019, 8, 569-575.	2.3	30
502	Identification and Singleâ€Cell Analysis of Viable Circulating Tumor Cells by a Mitochondrionâ€Specific AIE Bioprobe. Advanced Science, 2020, 7, 1902760.	5.6	30
503	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.	2.9	29
504	Multiplexed imaging detection of live cell intracellular changes in early apoptosis with aggregation-induced emission fluorogens. Science China Chemistry, 2018, 61, 892-897.	4.2	29

#	Article	IF	Citations
505	Achievement of Highâ€Performance Nondoped Blue OLEDs Based on AIEgens via Construction of Effective Highâ€Lying Chargeâ€Transfer State. Advanced Optical Materials, 2020, 8, 1902195.	3.6	29
506	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie - International Edition, 2021, 60, 19222-19231.	7.2	29
507	The role of amide (n,Ï€â^—) transitions in polypeptide clusteroluminescence. Cell Reports Physical Science, 2022, 3, 100716.	2.8	29
508	Stimulus responsive fluorescent hyperbranched polymers and their applications. Science China Chemistry, 2010, 53, 2409-2428.	4.2	28
509	Functional isocoumarin-containing polymers synthesized by rhodium-catalyzed oxidative polycoupling of aryl diacid and internal diyne. Polymer Chemistry, 2016, 7, 2501-2510.	1.9	28
510	Hydrogen peroxide-responsive AIE probe for imaging-guided organelle targeting and photodynamic cancer cell ablation. Materials Chemistry Frontiers, 2021, 5, 3489-3496.	3.2	28
511	Add the Finishing Touch: Molecular Engineering of Conjugated Small Molecule for Highâ€Performance AIE Luminogen in Multimodal Phototheranostics. Small, 2021, 17, e2102044.	5.2	28
512	Photoactivatable Biomedical Materials Based on Luminogens with Aggregationâ€Induced Emission (AIE) Characteristics. Advanced Healthcare Materials, 2021, 10, e2101177.	3.9	28
513	Deep-Red Aggregation-Induced Emission Luminogen Based on Dithiofuvalene-Fused Benzothiadiazole for Lipid Droplet-Specific Imaging. , 2022, 4, 159-164.		28
514	Magnetically Recoverable Ruthenium Catalysts in Organic Synthesis. Molecules, 2014, 19, 4635-4653.	1.7	27
515	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.	1.9	27
516	Facile Polymerization of Water and Triple-Bond Based Monomers toward Functional Polyamides. Macromolecules, 2017, 50, 8554-8561.	2.2	27
517	Synergistic Enhancement of Fluorescence and Magnetic Resonance Signals Assisted by Albumin Aggregate for Dual-Modal Imaging. ACS Nano, 2021, 15, 9924-9934.	7.3	27
518	Effective Therapy of Drugâ€Resistant Bacterial Infection by Killing Planktonic Bacteria and Destructing Biofilms with Cationic Photosensitizer Based on Phosphindole Oxide. Small, 2022, 18, e2200743.	5.2	27
519	Monodisperse AIEâ€Active Conjugated Polymer Nanoparticles via Dispersion Polymerization Using Geminal Crossâ€Coupling of 1,1â€Dibromoolefins. Small, 2016, 12, 6547-6552.	5.2	26
520	Ratiometric Detection of Mitochondrial Thiol with a Two-Photon Active AIEgen. ACS Applied Bio Materials, 2019, 2, 3120-3127.	2.3	26
521	Suzuki-Miyaura Coupling Enabled by Aryl to Vinyl 1,4-Palladium Migration. IScience, 2020, 23, 100966.	1.9	26
522	Functional Polymer Systems with Aggregation-Induced Emission and Stimuli Responses. Topics in Current Chemistry, 2021, 379, 7.	3.0	26

#	Article	IF	Citations
523	How Do Molecular Motions Affect Structures and Properties at Molecule and Aggregate Levels?. Journal of the American Chemical Society, 2021, 143, 11820-11827.	6.6	26
524	Click Synthesis Enabled Sulfur Atom Strategy for Polymerizationâ€Enhanced and Twoâ€Photon Photosensitization. Angewandte Chemie - International Edition, 2022, 61, .	7.2	26
525	Biomimetic Nanoplatform Loading Type I Aggregation-Induced Emission Photosensitizer and Glutamine Blockade to Regulate Nutrient Partitioning for Enhancing Antitumor Immunotherapy. ACS Nano, 2022, 16, 10742-10753.	7.3	26
526	One-pot synthesis of 4,5-disubstituted 1,2,3-(NH)-triazoles using terminal acetylenes, carbon monoxide, aryl iodides, and sodium azide. Tetrahedron Letters, 2011, 52, 980-982.	0.7	25
527	Cakingâ€Inspired Cold Sintering of Plastic Supramolecular Films as Multifunctional Platforms. Advanced Functional Materials, 2018, 28, 1803370.	7.8	25
528	Wash-free detection and bioimaging by AIEgens. Materials Chemistry Frontiers, 2021, 5, 723-743.	3.2	25
529	Oxygen and sulfur-based pure n-electron dendrimeric systems: generation-dependent clusteroluminescence towards multicolor cell imaging and molecular ruler. Science China Chemistry, 2021, 64, 1990-1998.	4.2	25
530	Polymerizations of Activated Alkynes. Progress in Polymer Science, 2022, 126, 101503.	11.8	25
531	Photoactivatable dihydroalkaloids for cancer cell imaging and chemotherapy with high spatiotemporal resolution. Materials Horizons, 2020, 7, 2696-2701.	6.4	24
532	Siteâ€Selective, Multistep Functionalizations of CO₂â€Based Hyperbranched Poly(alkynoate)s toward Functional Polymetric Materials. Advanced Science, 2020, 7, 2000465.	5.6	24
533	Development of AIEgenâ€“montmorillonite nanocomposite powders for computer-assisted visualization of latent fingermarks. Materials Chemistry Frontiers, 2020, 4, 2131-2136.	3.2	24
534	Bonsai-inspired AIE nanohybrid photosensitizer based on vermiculite nanosheets for ferroptosis-assisted oxygen self-sufficient photodynamic cancer therapy. Nano Today, 2022, 44, 101477.	6.2	24
535	AIE-Active Photosensitizers: Manipulation of Reactive Oxygen Species Generation and Applications in Photodynamic Therapy. Biosensors, 2022, 12, 348.	2.3	24
536	â€˜Greenâ€™ synthesis of 1,4-disubstituted 5-iodo-1,2,3-triazoles under neat conditions, and an efficient approach of construction of 1,4,5-trisubstituted 1,2,3-triazoles in one pot. Tetrahedron Letters, 2014, 55, 7026-7028.	0.7	23
537	A Tris(triazolate) Ligand for a Highly Active and Magnetically Recoverable Palladium Catalyst of Selective Alcohol Oxidation Using Air at Atmospheric Pressure. Chemistry - A European Journal, 2015, 21, 6501-6510.	1.7	23
538	Sticky nanopads made of crystallizable fluorescent polymers for rapid and sensitive detection of organic pollutants in water. Journal of Materials Chemistry A, 2017, 5, 2115-2122.	5.2	23
539	Assembly of 1H-isoindole derivatives by selective carbonâ€“nitrogen triple bond activation: access to aggregation-induced emission fluorophores for lipid droplet imaging. Chemical Science, 2019, 10, 7076-7081.	3.7	23
540	Exosomeâ€Mimetic Supramolecular Vesicles with Reversible and Controllable Fusion and Fission**. Angewandte Chemie - International Edition, 2020, 59, 21510-21514.	7.2	23

#	Article	IF	Citations
541	Tumorâ€Exocytosed Exosome/Aggregationâ€Induced Emission Luminogen Hybrid Nanovesicles Facilitate Efficient Tumor Penetration and Photodynamic Therapy. Angewandte Chemie, 2020, 132, 13940-13947.	1.6	23
542	Unusual light-driven amplification through unexpected regioselective photogeneration of five-membered azaheterocyclic AIEgen. Chemical Science, 2021, 12, 709-717.	3.7	23
543	Hypoxia-activated probe for NIR fluorescence and photoacoustic dual-mode tumor imaging. IScience, 2021, 24, 102261.	1.9	23
544	More is less: Creation of pathogenic microbe-related theranostic oriented AIEgens. Biomaterials, 2021, 271, 120725.	5.7	23
545	Microlasers from AIEâ€Active BODIPY Derivative. Small, 2020, 16, e1907074.	5.2	23
546	AIEgen for cancer discrimination. Materials Science and Engineering Reports, 2021, 146, 100649.	14.8	23
547	Surfactantâ€Inspired Coassembly Strategy to Integrate Aggregationâ€Induced Emission Photosensitizer with Organosilica Nanoparticles for Efficient Theranostics. Advanced Functional Materials, 2022, 32, .	7.8	23
548	Palladium-catalyzed alkyne polyannulation of diphenols and unactivated internal diynes: a new synthetic route to functional heterocyclic polymers. Polymer Chemistry, 2016, 7, 330-338.	1.9	22
549	Timeâ€Dependent Photodynamic Therapy for Multiple Targets: A Highly Efficient AIEâ€Active Photosensitizer for Selective Bacterial Elimination and Cancer Cell Ablation. Angewandte Chemie, 2020, 132, 9557-9564.	1.6	22
550	Threeâ€Pronged Attack by Homologous Farâ€red/NIR AIEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. Angewandte Chemie, 2020, 132, 9697-9703.	1.6	22
551	Diagnosis of fatty liver disease by a multiphoton-active and lipid-droplet-specific AIEgen with nonaromatic rotors. Materials Chemistry Frontiers, 2021, 5, 1853-1862.	3.2	22
552	Intra- and Intermolecular Synergistic Engineering of Aggregation-Induced Emission Luminogens to Boost Three-Photon Absorption for Through-Skull Brain Imaging. ACS Nano, 2022, 16, 6444-6454.	7.3	22
553	Room temperature multicomponent polymerizations of alkynes, sulfonyl azides, and N-protected isatins toward oxindole-containing poly(N-acylsulfonamide)s. Polymer Chemistry, 2018, 9, 1674-1683.	1.9	21
554	Redox-responsive fluorescent AIE bioconjugate with aggregation enhanced retention features for targeted imaging reinforcement and selective suppression of cancer cells. Materials Chemistry Frontiers, 2019, 3, 1335-1340.	3.2	21
555	Tuning aggregation-induced emission nanoparticle properties under thin film formation. Materials Chemistry Frontiers, 2020, 4, 537-545.	3.2	21
556	pH-Responsive Au(<scp>i</scp>)-disulfide nanoparticles with tunable aggregation-induced emission for monitoring intragastric acidity. Chemical Science, 2020, 11, 6472-6478.	3.7	21
557	Donor engineering on flavonoid-based probes to enhance the fluorescence brightness in water: Design, characterization, photophysical properties, and application for cysteine detection. Sensors and Actuators B: Chemical, 2021, 345, 130367.	4.0	21
558	Functional Polyselenoureas for Selective Gold Recovery Prepared from Catalyst-Free Multicomponent Polymerizations of Elemental Selenium. CCS Chemistry, 2020, 2, 191-202.	4.6	21

#	Article	IF	Citations
559	Multicationic AIEgens for unimolecular photodynamic theranostics and two-photon fluorescence bioimaging. Materials Chemistry Frontiers, 2020, 4, 1623-1633.	3.2	20
560	Oneâ€Step Multicomponent Polymerizations for the Synthesis of Multifunctional AIE Polymers. Macromolecular Rapid Communications, 2021, 42, e2000471.	2.0	20
561	Conjugated Polymers with Aggregationâ€Induced Emission Characteristics for Fluorescence Imaging and Photodynamic Therapy. ChemMedChem, 2021, 16, 2330-2338.	1.6	20
562	Oneâ€Pot Synthesis of Customized Metalâ€“Phenolicâ€Networkâ€Coated AIE Dots for In Vivo Bioimaging. Advanced Science, 2022, 9, e2104997.	5.6	20
563	Aggregation-induced emission: An emerging concept in brain science. Biomaterials, 2022, 286, 121581.	5.7	20
564	A Nanotheranostic System Combining Lysosomal Cell Death and Nuclear Apoptosis Functions for Synergistic Cancer Therapy and Addressing Drug Resistance. Advanced Functional Materials, 2021, 31, 2106091.	7.8	19
565	Sensitive and specific detection of peroxynitrite and in vivo imaging of inflammation by a â€œsimpleâ€•AIE bioprobe. Materials Chemistry Frontiers, 2021, 5, 1830-1835.	3.2	19
566	Biologically excretable AIE nanoparticles wear tumor cell-derived â€œexosome capsâ€•for efficient NIR-II fluorescence imaging-guided photothermal therapy. Nano Today, 2021, 41, 101333.	6.2	19
567	Aggregationâ€Induced emission luminogens for augmented photosynthesis. Exploration, 2022, 2, .	5.4	19
568	â€œOne Stone, Four Birdsâ€•Ion Engineering to Fabricate Versatile Coreâ€“Shell Organosilica Nanoparticles for Intelligent Nanotheranostics. ACS Nano, 2022, 16, 9785-9798.	7.3	19
569	Iron(III)â€Catalyzed Direct Nâ€Alkylation of Azoles via Oxidative Transformation of sp³ Cï¿¿H Bonds under Solventâ€Free Conditions. Chinese Journal of Chemistry, 2012, 30, 2285-2291.	2.6	18
570	Click Metallodendrimers and Their Functions. Synlett, 2015, 26, 1437-1449.	1.0	18
571	Aggregation-Induced Emission and Photocyclization of Poly(hexaphenyl-1,3-butadiene)s Synthesized from â€œ1 + 2â€•Polycoupling of Internal Alkynes and Arylboronic Acids. Macromolecules, 2016, 49, 5817-5830.	2.2	18
572	Organometallic AIEgens for biological theranostics. Materials Chemistry Frontiers, 2021, 5, 3281-3297.	3.2	18
573	Aggregationâ€Induced Emissionâ€Active Poly(phenyleneethynylene)s for Fluorescence and Raman Dualâ€Modal Imaging and Drugâ€Resistant Bacteria Killing. Advanced Healthcare Materials, 2021, 10, e2101167.	3.9	18
574	AIEgen-Based Bionic Nanozymes for the Interventional Photodynamic Therapy-Based Treatment of Orthotopic Colon Cancer. ACS Applied Materials & Interfaces, 2022, 14, 26394-26403.	4.0	18
575	Polyannulation of internal alkynes and O-acyloxime derivatives to synthesize functional poly(isoquinoline)s. Polymer Chemistry, 2016, 7, 5436-5444.	1.9	17
576	Recent Developments in the Synthesis of Nitrogen-Containing Heterocycles through Câ€“H/Nâ€“H Bond Functionalizations and Oxidative Cyclization. Synlett, 2019, 30, 1026-1036.	1.0	17

#	Article	IF	Citations
577	Donor/Ï€â€Bridge Manipulation for Constructing a Stable NIRâ€II Aggregationâ€Induced Emission Luminogen with Balanced Phototheranostic Performance**. Angewandte Chemie, 2021, 133, 26973-26980.	1.6	17
578	Type-I AIE photosensitizer triggered cascade catalysis system for tumor targeted therapy and postoperative recurrence suppression. Chemical Engineering Journal, 2022, 446, 136381.	6.6	17
579	Bacterial targeted AIE photosensitizers synergistically promote chemotherapy for the treatment of inflammatory cancer. Chemical Engineering Journal, 2022, 447, 137579.	6.6	17
580	Boric Acidâ€Activated Roomâ€Temperature Phosphorescence and Thermally Activated Delayed Fluorescence for Efficient Solidâ€State Photoluminescence Materials. Advanced Optical Materials, 2022, 10, .	3.6	17
581	Synthesis of Functional Poly(propargyl imine)s by Multicomponent Polymerizations of Bromoarenes, Isonitriles, and Alkynes. ACS Macro Letters, 2017, 6, 1352-1356.	2.3	16
582	Mitochondria-targeting NIR fluorescent probe for rapid, highly sensitive and selective visualization of nitroxyl in live cells, tissues and mice. Science China Chemistry, 2020, 63, 282-289.	4.2	16
583	Dynamic Visible Monitoring of Heterogeneous Local Strain Response through an Organic Mechanoresponsive AIE Luminogen. ACS Applied Materials & Interfaces, 2020, 12, 22129-22136.	4.0	16
584	Waterâ€Soluble Organic Nanoparticles with Programable Intermolecular Charge Transfer for NIRâ€II Photothermal Antiâ€Bacterial Therapy. Angewandte Chemie, 2021, 133, 11864-11868.	1.6	16
585	Aggregationâ€Induced Emission Luminogens Sensitized Quasiâ€2D Hybrid Perovskites with Unique Photoluminescence and High Stability for Fabricating White Lightâ€Emitting Diodes. Advanced Science, 2021, 8, e2100811.	5.6	16
586	NIR-II Absorbing Charge Transfer Complexes for Synergistic Photothermalâ€“Chemodynamic Antimicrobial Therapy and Wounds Healing. , 2022, 4, 692-700.		16
587	Cascade Câ€“H-Activated Polyannulations toward Ring-Fused Heteroaromatic Polymers for Intracellular pH Mapping and Cancer Cell Killing. Journal of the American Chemical Society, 2022, 144, 11788-11801.	6.6	16
588	One-step, rapid fluorescence sensing of fungal viability based on a bioprobe with aggregation-induced emission characteristics. Materials Chemistry Frontiers, 2020, 4, 957-964.	3.2	15
589	pH-responsive copper-cluster-based dual-emission ratiometric fluorescent probe for imaging of bacterial metabolism. Talanta, 2021, 221, 121621.	2.9	15
590	An easily available ratiometric AIE probe for nitroxyl visualization in vitro and in vivo. Materials Chemistry Frontiers, 2021, 5, 1817-1823.	3.2	15
591	TEPP-46-Based AIE Fluorescent Probe for Detection and Bioimaging of PKM2 in Living Cells. Analytical Chemistry, 2021, 93, 12682-12689.	3.2	15
592	Highly efficient photothermal nanoparticles for the rapid eradication of bacterial biofilms. Nanoscale, 2021, 13, 13610-13616.	2.8	15
593	Vision redemption: Self-reporting AIEgens for combined treatment of bacterial keratitis. Biomaterials, 2021, 279, 121227.	5.7	15
594	Fused Heterocyclic Polymers with Aggregation-Induced Emission: Synthesis and Applications. ACS Applied Polymer Materials, 2022, 4, 3120-3130.	2.0	15

#	Article	IF	Citations
595	NIR-II Aggregation-Induced Emission Luminogens for Tumor Phototheranostics. Biosensors, 2022, 12, 46.	2.3	15
596	A potent luminogen with NIR-IIb excitable AIE features for ultradeep brain vascular and hemodynamic three-photon imaging. Biomaterials, 2022, 287, 121612.	5.7	15
597	Multicomponent Tandem Polymerization of Aromatic Alkynes, Carbonyl Chloride, and Fischer's Base toward Poly(diene merocyanine)s. Chinese Journal of Chemistry, 2019, 37, 1264-1270.	2.6	14
598	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. Angewandte Chemie, 2019, 131, 4584-4588.	1.6	14
599	Efficient Perovskite Solar Cells with a Novel Aggregationâ€Induced Emission Molecule as Holeâ€Transport Material. Solar Rrl, 2020, 4, 1900189.	3.1	14
600	A flexible topo-optical sensing technology with ultra-high contrast. Nature Communications, 2020, 11, 1448.	5.8	14
601	Biomimetic Glucan Particles with Aggregation-Induced Emission Characteristics for Noninvasive Monitoring of Transplant Immune Response. ACS Nano, 2021, 15, 11908-11928.	7.3	14
602	Aggregation-Induced Emission Luminogens for Cell Death Research. ACS Bio & Med Chem Au, 2022, 2, 236-257.	1.7	14
603	Base-catalyzed hydrogenâ€“deuterium exchange and dehalogenation reactions of 1,2,3-triazole derivatives. Tetrahedron, 2016, 72, 6375-6379.	1.0	13
604	Aggregation-induced emission luminogen for in vivo three-photon fluorescence lifetime microscopic imaging. Journal of Innovative Optical Health Sciences, 2019, 12, 1940005.	0.5	13
605	Bioâ€orthogonal AIE Dots Based on Polyyneâ€Bridged Redâ€emissive AIEgen for Tumor Metabolic Labeling and Targeted Imaging. Chemistry - an Asian Journal, 2019, 14, 770-774.	1.7	13
606	Platinum-AIEgen coordination complex for imaging-guided annihilation of cisplatin-resistant cancer cells. Chemical Communications, 2020, 56, 7785-7788.	2.2	13
607	Aggregationâ€Induced Emission Materials that Aid in Pharmaceutical Research. Advanced Healthcare Materials, 2021, 10, e2101067.	3.9	13
608	A fluorescent probe with dual acrylate sites for discrimination of different concentration ranges of cysteine in living cells. Analytica Chimica Acta, 2021, 1176, 338763.	2.6	13
609	Aggregation-Induced Emission Luminogen-Based Dual-Mode Enzyme-Linked Immunosorbent Assay for Ultrasensitive Detection of Cancer Biomarkers in a Broad Concentration Range. ACS Sensors, 2022, 7, 766-774.	4.0	13
610	Aggregationâ€Induced Emission Boosting the Study of Polymer Science. Macromolecular Rapid Communications, 2022, 43, e2200080.	2.0	13
611	Photomechanical Luminescence from Throughâ€Space Conjugated AIEgens. Angewandte Chemie, 2020, 132, 8913-8917.	1.6	12
612	Recent Advances of AIEgens for Targeted Imaging of Subcellular Organelles. Chemical Research in Chinese Universities, 2021, 37, 52-65.	1.3	12

#	Article	IF	Citations
613	Graphene Oxide Based Fluorescent DNA Aptasensor for Liver Cancer Diagnosis and Therapy. Advanced Functional Materials, 2021, 31, 2102645.	7.8	12
614	Photodynamic control of harmful algal blooms by an ultra-efficient and degradable AIEgen-based photosensitizer. Chemical Engineering Journal, 2021, 417, 127890.	6.6	12
615	Janus luminogens with bended intramolecular charge transfer: Toward molecular transistor and brain imaging. Matter, 2021, 4, 3286-3300.	5.0	12
616	An aggregation-induced emission platform for efficient Golgi apparatus and endoplasmic reticulum specific imaging. Chemical Science, 2021, 12, 13949-13957.	3.7	12
617	Metalâ€Based Aggregationâ€Induced Emission Theranostic Systems. ChemMedChem, 2022, 17, .	1.6	12
618	Facile synthesis of hierarchical SnSe nanosheetsâ€“hydrogel evaporators for sustainable solar-powered desalination. Journal of Materials Chemistry A, 2022, 10, 10672-10681.	5.2	12
619	A mitochondria-targeted AIE photosensitizer for enhancing specificity and efficacy of ferroptosis inducer. Science China Chemistry, 2022, 65, 870-876.	4.2	12
620	Recent advances of luminogens with aggregation-induced emission in multi-photon theranostics. Applied Physics Reviews, 2021, 8, .	5.5	12
621	Polarized resonance synchronous spectroscopy as a powerful tool for studying the kinetics and optical properties of aggregation-induced emission. Journal of Materials Chemistry C, 2019, 7, 12086-12094.	2.7	11
622	Threeâ€Pronged Attack by Hybrid Nanoplatform Involving MXenes, Upconversion Nanoparticle and Aggregationâ€Induced Emission Photosensitizer for Potent Cancer Theranostics. Small Methods, 2022, 6, .	4.6	11
623	Achieving diversified emissive behaviors of AIE, TADF, RTP, dual-RTP and mechanoluminescence from simple organic molecules by positional isomerism. Journal of Materials Chemistry C, 2022, 10, 10009-10016.	2.7	11
624	In vitro anticancer activity of AIEgens. Biomaterials Science, 2019, 7, 3855-3865.	2.6	10
625	Palladium-catalyzed polyannulation of pyrazoles and diynes toward multifunctional poly(indazole)s under monomer non-stoichiometric conditions. Polymer Chemistry, 2019, 10, 5296-5303.	1.9	10
626	Recyclable Cu nanoparticle catalyzed azide-alkyne click polymerization. Science China Chemistry, 2019, 62, 1017-1022.	4.2	10
627	A DNA tetrahedron-loaded natural photosensitizer with aggregation-induced emission characteristics for boosting fluorescence imaging-guided photodynamic therapy. Materials Chemistry Frontiers, 2021, 5, 5410-5417.	3.2	10
628	Cellular organelle-targeted smart AIEgens in tumor detection, imaging and therapeutics. Coordination Chemistry Reviews, 2022, 462, 214508.	9.5	10
629	Lipid Droplet-Specific Red Aggregation-Induced Emission Luminogens: Fast Light-Up of Gram-Positive Pathogens for Identification of Bacteria. , 2022, 4, 1523-1530.		10
630	From Molecular Achirality to Mesoscopic Helicity: Toward the Development of Circularly Polarized Luminescenceâ€Emitting Liquid Crystal Displays. Small Structures, 2020, 1, 2000014.	6.9	9

#	Article	IF	Citations
631	Facile fabrication of self-shrinkable AIE supramolecular gels based on benzophenone salicylaldehyde hydrazine derivatives. Journal of Materials Chemistry C, 2020, 8, 13705-13711.	2.7	9
632	Aggregation-induced emission luminogen for specific identification of malignant tumour in vivo. Science China Chemistry, 2020, 63, 393-397.	4.2	9
633	Innovative Verfahren zur Synthese von Luminogenen mit aggregationsinduzierter Emission. Angewandte Chemie, 2021, 133, 15856-15876.	1.6	9
634	CO₂-Involved and Isocyanide-Based Three-Component Polymerization toward Functional Heterocyclic Polymers with Self-Assembly and Sensing Properties. Macromolecules, 2021, 54, 4112-4119.	2.2	9
635	In Situ Generation of N -Heteroaromatic Polymers: Metal-Free Multicomponent Polymerization for Photopatterning, Morphological Imaging, and Cr(VI) Sensing. CCS Chemistry, 2022, 4, 2308-2320.	4.6	9
636	Aggregation-induced emission (AIE): emerging technology based on aggregate science. Pure and Applied Chemistry, 2021, 93, 1383-1402.	0.9	9
637	Endowing AIE with Extraordinary Potential: A New Au(I)â€Containing AIEgen for Bimodal Bioimagingâ€Guided Multimodal Synergistic Cancer Therapy. Advanced Functional Materials, 2022, 32, 2108199.	7.8	9
638	A Hierarchical Structure of Flower-Like Zinc Oxide and Poly(Vinyl Alcohol-co-Ethylene) Nanofiber Hybrid Membranes for High-Performance Air Filters. ACS Omega, 2022, 7, 3030-3036.	1.6	9
639	Activated Internal <scp>Alkyneâ€Based</scp> Polymerization^{â€}. Chinese Journal of Chemistry, 2022, 40, 2001-2013.	2.6	9
640	Molecular Motion and Nonradiative Decay: Towards Efficient Photothermal and Photoacoustic Systems. Angewandte Chemie, 2022, 134, .	1.6	9
641	Functional Poly(dihalopentadiene)s: Stereoselective Synthesis, Aggregation-Enhanced Emission and Sensitive Detection of Explosives. Polymers, 2018, 10, 821.	2.0	8
642	A low-cost and green-solvent-processable hole-transport material enabled by a traditional bidentate ligand for highly efficient inverted perovskite solar cells. Journal of Materials Chemistry C, 2021, 9, 8930-8938.	2.7	8
643	Rapid membrane-specific AIEgen featuring with wash-free imaging and sensitive light-excited killing of cells, bacteria, and fungi. Materials Chemistry Frontiers, 2021, 5, 2724-2729.	3.2	8
644	Cationic Tricyclic AIEgens for Concomitant Bacterial Discrimination and Inhibition. Advanced Healthcare Materials, 2021, 10, 2100136.	3.9	8
645	Autonomous Visualization of Damage in Polymers by Metalâ€Free Polymerizations of Microencapsulated Activated Alkynes. Advanced Science, 2022, 9, e2105395.	5.6	8
646	One-step light-up metabolic probes for in situ discrimination and killing of intracellular bacteria. Materials Chemistry Frontiers, 2022, 6, 450-458.	3.2	8
647	Visualization and monitoring of dynamic damagingâ€“healing processes of polymers by using AIEgen-loaded multifunctional microcapsules. Journal of Materials Chemistry A, 2022, 10, 15438-15448.	5.2	8
648	Near-Infrared-Emissive AIE Bioconjugates: Recent Advances and Perspectives. Molecules, 2022, 27, 3914.	1.7	8

#	Article	IF	Citations
649	Oneâ€pot Fourâ€component Synthesis of N2â€Substituted 1,2,3â€Triazoles. Asian Journal of Organic Chemistry, 2013, 2, 212-215.	1.3	7
650	Detection of UVA/UVC-induced damage of p53 fragment by rolling circle amplification with AIEgens. Analyst, The, 2016, 141, 4394-4399.	1.7	7
651	Multicomponent Polymerization of Alkynes, Sulfonyl Azide, and Iminophosphorane at Room Temperature for the Synthesis of Hyperbranched Poly(phosphorus amidine)s. Synlett, 2018, 29, 2523-2528.	1.0	7
652	Fluorescent sensing of nucleus density assists in identifying tumor cells using an AIE luminogen. Chemical Engineering Journal, 2021, 410, 128183.	6.6	7
653	A biocompatible dual-AIEgen system without spectral overlap for quantitation of microbial viability and monitoring of biofilm formation. Materials Horizons, 2021, 8, 1816-1824.	6.4	7
654	Single-fluorogen polymers with color-tunable aggregation-induced emission. Matter, 2021, 4, 2587-2589.	5.0	7
655	Altering Chain Flexibility of Aliphatic Polyesters for Yellowâ€Green Clusteroluminescence in 38â€‰% Quantum Yield. Angewandte Chemie, 2022, 134, .	1.6	7
656	Multimodal Imagingâ€Guided Photothermal Immunotherapy Based on a Versatile NIRâ€II Aggregationâ€Induced Emission Luminogen. Angewandte Chemie, 2022, 134, .	1.6	7
657	Recent advances in aggregation-induced emission luminogens in photoacoustic imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2560-2583.	3.3	7
658	A green and efficient strategy facilitates continuous solar-induced steam generation based on tea-assisted synthesis of gold nanoflowers. Nano Research, 2022, 15, 6705-6712.	5.8	7
659	A novel drug susceptibility testing AIEgen with spatiotemporal resolved progress-reporting characteristic for therapy of drug-resistant tumor. Materials Today, 2022, 61, 117-128.	8.3	7
660	BCl₃-mediated polycoupling of alkynes and aldehydes: a facile, metal-free multicomponent polymerization route to construct stereoregular functional polymers. Polymer Chemistry, 2016, 7, 4667-4674.	1.9	6
661	Reverse Thinking of the Aggregationâ€Induced Emission Principle: Amplifying Molecular Motions to Boost Photothermal Efficiency of Nanofibers**. Angewandte Chemie, 2020, 132, 20551-20555.	1.6	6
662	Switching energy dissipation pathway: in situ proton-induced transformation of AIE-active self-assemblies to boost photodynamic therapy. Biomaterials Science, 2021, 9, 4301-4307.	2.6	6
663	Lignosulfonate/diblock copolymer polyion complexes with aggregation-enhanced and pH-switchable fluorescence for information storage and encryption. International Journal of Biological Macromolecules, 2021, 187, 722-731.	3.6	6
664	A Novel Fluorescence Tool for Monitoring Agricultural Industry Chain Based on AIEgens. Chemical Research in Chinese Universities, 2021, 37, 38-51.	1.3	6
665	AIEgens in Solar Energy Utilization: Advances and Opportunities. Langmuir, 2022, 38, 8719-8732.	1.6	6
666	TBHP/I2-Promoted Oxidative Coupling of Azoles with Benzyl Compounds via Cleavage of Nonactivated C(sp3)-H Bonds under Solvent-Free Conditions. Synlett, 2013, 24, 1588-1594.	1.0	5

#	Article	IF	Citations
667	Alkyneâ€“Azide Click Polymerization Catalyzed by Magnetically Recyclable Fe₃O₄/SiO₂/Cu₂O Nanoparticles. Macromolecular Chemistry and Physics, 2019, 220, 1900064.	1.1	5
668	Exosomeâ€Mimetic Supramolecular Vesicles with Reversible and Controllable Fusion and Fission**. Angewandte Chemie, 2020, 132, 21694-21698.	1.6	5
669	Programmed Self-Assembly of Protein-Coated AIE-Featured Nanoparticles with Dual Imaging and Targeted Therapy to Cancer Cells. ACS Applied Materials & Interfaces, 2020, 12, 29641-29649.	4.0	5
670	A Novel Fluorescent Probe for ATP Detection Based on Synergetic Effect of Aggregation-induced Emission and Counterion Displacement. Chemical Research in Chinese Universities, 2021, 37, 166-170.	1.3	5
671	Novel Quinolizine AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application**. Angewandte Chemie, 0, , .	1.6	5
672	Facile Construction of Dendritic Amphiphiles with Aggregation-Induced Emission Characteristics for Supramolecular Self-Assembly. Macromolecules, 0, , .	2.2	5
673	Nanosized nickel decorated sisal fibers with tailored aggregation structures for catalysis reduction of toxic aromatic compounds. Industrial Crops and Products, 2018, 119, 226-236.	2.5	4
674	An AIEâ€Active Conjugated Polymer with High ROSâ€Generation Ability and Biocompatibility for Efficient Photodynamic Therapy of Bacterial Infections. Angewandte Chemie, 2020, 132, 10038-10042.	1.6	4
675	Diversity-Oriented Synthesis of Functional Polymers with Multisubstituted Small Heterocycles by Facile Stereoselective Multicomponent Polymerizations. Macromolecules, 2022, 55, 4389-4401.	2.2	4
676	Benzoperylene-grafted and Cu2+ chelated polymeric nanoparticles for GSH depletion and chemodynamic therapy. Materials Chemistry Frontiers, 2021, 5, 2442-2451.	3.2	3
677	Facile Multicomponent Polymerizations toward Multifunctional Heterochain Polymers with Î±,Î²-Unsaturated Amidines. Macromolecules, 2021, 54, 9906-9918.	2.2	3
678	Tuning non-radiative decay channelsviasymmetric/asymmetric substituent effects on phenazine derivatives and their phototherapy switch between dynamic and thermal processes. Materials Chemistry Frontiers, 2022, 6, 316-324.	3.2	3
679	Tunable fluorescence emission for multi-color light-emitting diodes and voice-activated intelligent lighting applications. Journal of Materials Chemistry C, 0, , .	2.7	3
680	Metal- and Base-Free Three-Component Reaction of Ynones, Sodium Azide, and Alkyl Halides: Highly Regioselective Synthesis of 2,4,5-Trisubstituted 1,2,3-NH-Triazoles. Synlett, 2010, 2010, 1617-1622.	1.0	2
681	Recent New Methodologies for Acetylenic Polymers with Advanced Functionalities. Topics in Current Chemistry Collections, 2017, , 33-71.	0.2	2
682	Heteroaromatic Hyperbranched Polyelectrolytes: Multicomponent Polyannulation and Photodynamic Biopatterning. Angewandte Chemie, 2021, 133, 19371-19380.	1.6	2
683	Recent Advances of Aggregation-induced Emission Materials in Phototheranostics. Chinese Journal of Luminescence, 2021, 42, 361-378.	0.2	1
684	In Situ Generation of Heterocyclic Polymers by Tripleâ€Bond Based Polymerizations. Macromolecular Rapid Communications, 2021, 42, e2100524.	2.0	1

#	Article	IF	Citations
685	Click Synthesis Enabled Sulfur Atom Strategy for Polymerizationâ€Enhanced and Twoâ€Photon Photosensitization. Angewandte Chemie, 0, , .	1.6	1
686	Aggregation-induced emission polymers. , 2022, , 45-86.		1