List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Aggregation-induced emission of 1-methyl-1,2,3,4,5-pentaphenylsilole. Chemical Communications, 2001, , 1740-1741.	4.1	6,387
2	Aggregation-Induced Emission: Together We Shine, United We Soar!. Chemical Reviews, 2015, 115, 11718-11940.	47.7	6,279
3	Aggregation-induced emission. Chemical Society Reviews, 2011, 40, 5361.	38.1	5,347
4	Aggregation-induced emission: phenomenon, mechanism and applications. Chemical Communications, 2009, , 4332.	4.1	3,438
5	Aggregationâ€Induced Emission: The Whole Is More Brilliant than the Parts. Advanced Materials, 2014, 26, 5429-5479.	21.0	2,737
6	Bioprobes Based on AIE Fluorogens. Accounts of Chemical Research, 2013, 46, 2441-2453.	15.6	1,607
7	The Golden Age of Transfer Hydrogenation. Chemical Reviews, 2015, 115, 6621-6686.	47.7	1,436
8	AIE macromolecules: syntheses, structures and functionalities. Chemical Society Reviews, 2014, 43, 4494-4562.	38.1	1,222
9	Biosensing by luminogens with aggregation-induced emission characteristics. Chemical Society Reviews, 2015, 44, 4228-4238.	38.1	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.	6.7	1,082
11	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. Journal of Physical Chemistry C, 2009, 113, 15845-15853.	3.1	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.	21.0	834
13	Aggregationâ€Induced Emission: New Vistas at the Aggregate Level. Angewandte Chemie - International Edition, 2020, 59, 9888-9907.	13.8	821
14	Room-temperature phosphorescence from organic aggregates. Nature Reviews Materials, 2020, 5, 869-885.	48.7	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.	3.1	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.	13.7	695

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19	Fast-Growing Field of Magnetically Recyclable Nanocatalysts. Chemical Reviews, 2014, 114, 6949-6985.	47.7	693
20	Specific light-up bioprobes based on AlEgen conjugates. Chemical Society Reviews, 2015, 44, 2798-2811.	38.1	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.	14.9	599
22	Two-Dimensional Metal–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.	13.7	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.	3.3	578
25	Aggregation-induced emission: fundamental understanding and future developments. Materials Horizons, 2019, 6, 428-433.	12.2	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.	13.7	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.	13.7	545
28	Fluorescent Sensors Based on Aggregation-Induced Emission: Recent Advances and Perspectives. ACS Sensors, 2017, 2, 1382-1399.	7.8	521
29	Supramolecular materials based on AIE luminogens (AIEgens): construction and applications. Chemical Society Reviews, 2020, 49, 1144-1172.	38.1	498
30	Fluorescent "light-up―bioprobes based on tetraphenylethylene derivatives with aggregation-induced emission characteristics. Chemical Communications, 2006, , 3705-3707.	4.1	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, .	3.3	479
32	AIE Luminogens for Bioimaging and Theranostics: From Organelles to Animals. CheM, 2017, 3, 56-91.	11.7	465
33	Molecular Motion in Aggregates: Manipulating TICT for Boosting Photothermal Theranostics. Journal of the American Chemical Society, 2019, 141, 5359-5368.	13.7	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.	13.8	461
35	The recent development of efficient Earth-abundant transition-metal nanocatalysts. Chemical Society Reviews, 2017, 46, 816-854.	38.1	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.	13.7	439

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37	Clusterization-triggered emission: Uncommon luminescence from common materials. Materials Today, 2020, 32, 275-292.	14.2	407
38	Luminogenic polymers with aggregation-induced emission characteristics. Progress in Polymer Science, 2012, 37, 182-209.	24.7	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.	13.7	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.	14.9	386
41	Switching the light emission of (4-biphenylyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. Chemical Communications, 2007, , 40-42.	4.1	384
42	Specific Detection of Integrin α _v β ₃ by Light-Up Bioprobe with Aggregation-Induced Emission Characteristics. Journal of the American Chemical Society, 2012, 134, 9569-9572.	13.7	378
43	AIE luminogens: emission brightened by aggregation. Materials Today, 2015, 18, 365-377.	14.2	378
44	Macrocycles and cages based on tetraphenylethylene with aggregation-induced emission effect. Chemical Society Reviews, 2018, 47, 7452-7476.	38.1	368
45	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. Chemical Communications, 2010, 46, 2221.	4.1	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.	2.6	349
47	Two-photon AIE bio-probe with large Stokes shift for specific imaging of lipid droplets. Chemical Science, 2017, 8, 5440-5446.	7.4	344
48	Rational design of a water-soluble NIR AlEgen, and its application in ultrafast wash-free cellular imaging and photodynamic cancer cell ablation. Chemical Science, 2018, 9, 3685-3693.	7.4	343
49	Aggregation-Induced Emission Luminogens for Activity-Based Sensing. Accounts of Chemical Research, 2019, 52, 2559-2570.	15.6	343
50	Realâ€Time and Highâ€Resolution Bioimaging with Bright Aggregationâ€Induced Emission Dots in Shortâ€Wave Infrared Region. Advanced Materials, 2018, 30, e1706856.	21.0	341
51	A facile strategy for realizing room temperature phosphorescence and single molecule white light emission. Nature Communications, 2018, 9, 2963.	12.8	339
52	What makes efficient circularly polarised luminescence in the condensed phase: aggregation-induced circular dichroism and light emission. Chemical Science, 2012, 3, 2737.	7.4	338
53	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. Chemical Science, 2015, 6, 4438-4444.	7.4	335
54	A Near Infrared Light Triggered Hydrogenated Black TiO ₂ for Cancer Photothermal Therapy. Advanced Healthcare Materials, 2015, 4, 1526-1536.	7.6	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.	13.8	320
56	Photostable fluorescent organic dots with aggregation-induced emission (AIE dots) for noninvasive long-term cell tracing. Scientific Reports, 2013, 3, 1150.	3.3	319
57	Assembly strategies of organic-based imaging agents for fluorescence and photoacoustic bioimaging applications. Chemical Society Reviews, 2020, 49, 21-31.	38.1	313
58	Aggregationâ€enhanced theranostics: AIE sparkles in biomedical field. Aggregate, 2020, 1, 80-106.	9.9	312
59	Highly Efficient Circularly Polarized Electroluminescence from Aggregationâ€Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. Advanced Functional Materials, 2018, 28, 1800051.	14.9	302
60	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. Nature Communications, 2019, 10, 768.	12.8	296
61	Targeting Negative Surface Charges of Cancer Cells by Multifunctional Nanoprobes. Theranostics, 2016, 6, 1887-1898.	10.0	295
62	Evaluation of Structure–Function Relationships of Aggregation-Induced Emission Luminogens for Simultaneous Dual Applications of Specific Discrimination and Efficient Photodynamic Killing of Gram-Positive Bacteria. Journal of the American Chemical Society, 2019, 141, 16781-16789.	13.7	295
63	Light-driven transformable optical agent with adaptive functions for boosting cancer surgery outcomes. Nature Communications, 2018, 9, 1848.	12.8	286
64	Design of AlEgens for near-infrared IIb imaging through structural modulation at molecular and morphological levels. Nature Communications, 2020, 11, 1255.	12.8	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.	8.0	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.	14.6	281
67	Aggregation-induced emission: a coming-of-age ceremony at the age of eighteen. Science China Chemistry, 2019, 62, 1090-1098.	8.2	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.	21.0	266
69	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. Chemical Science, 2015, 6, 1932-1937.	7.4	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.	21.0	259
71	Ultrabright Organic Dots with Aggregationâ€Induced Emission Characteristics for Realâ€Time Twoâ€Photon Intravital Vasculature Imaging. Advanced Materials, 2013, 25, 6083-6088.	21.0	255
72	Aggregate Science: From Structures to Properties. Advanced Materials, 2020, 32, e2001457.	21.0	254

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73	NIRâ€II AlEgens: A Win–Win Integration towards Bioapplications. Angewandte Chemie - International Edition, 2021, 60, 7476-7487.	13.8	253
74	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. Biomacromolecules, 2018, 19, 2014-2022.	5.4	248
75	Poly[(maleic anhydride)- <i>alt</i> -(vinyl acetate)]: A Pure Oxygenic Nonconjugated Macromolecule with Strong Light Emission and Solvatochromic Effect. Macromolecules, 2015, 48, 64-71.	4.8	242
76	Silole-Containing Polyacetylenes. Synthesis, Thermal Stability, Light Emission, Nanodimensional Aggregation, and Restricted Intramolecular Rotation. Macromolecules, 2003, 36, 1108-1117.	4.8	241
77	Room temperature phosphorescence from natural products: Crystallization matters. Science China Chemistry, 2013, 56, 1178-1182.	8.2	236
78	Locking the phenyl rings of tetraphenylethene step by step: understanding the mechanism of aggregation-induced emission. Chemical Communications, 2012, 48, 10675.	4.1	231
79	Designing Efficient and Ultralong Pure Organic Roomâ€Temperature Phosphorescent Materials by Structural Isomerism. Angewandte Chemie - International Edition, 2018, 57, 7997-8001.	13.8	224
80	Recent advances of AIE light-up probes for photodynamic therapy. Chemical Science, 2021, 12, 6488-6506.	7.4	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.	21.0	222
82	Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine. ACS Applied Bio Materials, 2018, 1, 1768-1786.	4.6	219
83	Fluorescent Light-Up Detection of Amine Vapors Based on Aggregation-Induced Emission. ACS Sensors, 2016, 1, 179-184.	7.8	218
84	Hyperbranched Conjugated Polysiloles: Synthesis, Structure, Aggregation-Enhanced Emission, Multicolor Fluorescent Photopatterning, and Superamplified Detection of Explosives. Macromolecules, 2010, 43, 4921-4936.	4.8	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.	7.4	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.	14.6	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.	14.9	210
88	Multiple yet Controllable Photoswitching in a Single AlEgen System. Journal of the American Chemical Society, 2018, 140, 1966-1975.	13.7	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.	14.6	208
90	Molecular Engineering to Boost AlEâ€Active Free Radical Photogenerators and Enable Highâ€Performance Photodynamic Therapy under Hypoxia. Advanced Functional Materials, 2020, 30, 2002057.	14.9	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.	13.8	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.	6.5	206
93	AlEgens for biological process monitoring and disease theranostics. Biomaterials, 2017, 146, 115-135.	11.4	206
94	AIE polymers: Synthesis and applications. Progress in Polymer Science, 2020, 100, 101176.	24.7	205
95	Synthesis, solvatochromism, aggregation-induced emission and cell imaging of tetraphenylethene-containing BODIPY derivatives with large Stokes shifts. Chemical Communications, 2012, 48, 10099.	4.1	204
96	Highly sensitive switching of solid-state luminescence by controlling intersystem crossing. Nature Communications, 2018, 9, 3044.	12.8	203
97	Ionization and Anionâ~ï€ ⁺ Interaction: A New Strategy for Structural Design of Aggregation-Induced Emission Luminogens. Journal of the American Chemical Society, 2017, 139, 16974-16979.	13.7	201
98	Why Do Simple Molecules with "Isolated―Phenyl Rings Emit Visible Light?. Journal of the American Chemical Society, 2017, 139, 16264-16272.	13.7	201
99	Tuning Organelle Specificity and Photodynamic Therapy Efficiency by Molecular Function Design. ACS Nano, 2019, 13, 11283-11293.	14.6	199
100	Strategies to Enhance the Photosensitization: Polymerization and the Donor–Acceptor Even–Odd Effect. Angewandte Chemie - International Edition, 2018, 57, 15189-15193.	13.8	198
101	In Situ Monitoring Apoptosis Process by a Self-Reporting Photosensitizer. Journal of the American Chemical Society, 2019, 141, 5612-5616.	13.7	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.	5.5	193
103	Fabrication of fluorescent nanoparticles based on AIE luminogens (AIE dots) and their applications in bioimaging. Materials Horizons, 2016, 3, 283-293.	12.2	193
104	Multiscale Humidity Visualization by Environmentally Sensitive Fluorescent Molecular Rotors. Advanced Materials, 2017, 29, 1703900.	21.0	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.	14.6	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.	13.7	191
107	Self-Reporting and Photothermally Enhanced Rapid Bacterial Killing on a Laser-Induced Graphene Mask. ACS Nano, 2020, 14, 12045-12053.	14.6	191
108	AIE-active theranostic system: selective staining and killing of cancer cells. Chemical Science, 2017, 8, 1822-1830.	7.4	187

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109	AlEgens for dark through-bond energy transfer: design, synthesis, theoretical study and application in ratiometric Hg ²⁺ sensing. Chemical Science, 2017, 8, 2047-2055.	7.4	187
110	Targeted and image-guided photodynamic cancer therapy based on organic nanoparticles with aggregation-induced emission characteristics. Chemical Communications, 2014, 50, 8757.	4.1	185
111	A fluorescent light-up probe with "AIE + ESIPT―characteristics for specific detection of lysosomal esterase. Journal of Materials Chemistry B, 2014, 2, 3438-3442.	5.8	185
112	An AlEâ€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.	13.8	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.	14.9	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.	7.4	182
115	Boosting Nonâ€Radiative Decay to Do Useful Work: Development of a Multiâ€Modality Theranostic System from an AlEgen. Angewandte Chemie - International Edition, 2019, 58, 5628-5632.	13.8	180
116	Gelation process visualized by aggregation-induced emission fluorogens. Nature Communications, 2016, 7, 12033.	12.8	179
117	Stimuliâ€Responsive AlEgens. Advanced Materials, 2021, 33, e2008071.	21.0	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.	21.0	177
119	Spontaneous Amino-yne Click Polymerization: A Powerful Tool toward Regio- and Stereospecific Poly(β-aminoacrylate)s. Journal of the American Chemical Society, 2017, 139, 5437-5443.	13.7	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.	13.7	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.	4.1	175
122	One-Step Formulation of Targeted Aggregation-Induced Emission Dots for Image-Guided Photodynamic Therapy of Cholangiocarcinoma. ACS Nano, 2017, 11, 3922-3932.	14.6	175
123	Constitutional Isomerization Enables Bright NIRâ€II AlEgen for Brainâ€Inflammation Imaging. Advanced Functional Materials, 2020, 30, 1908125.	14.9	175
124	An AIE-active hemicyanine fluorogen with stimuli-responsive red/blue emission: extending the pH sensing range by "switch + knob―effect. Chemical Science, 2012, 3, 1804.	7.4	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.	13.8	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.	13.7	170

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127	Structural and process controls of AlEgens for NIR-II theranostics. Chemical Science, 2021, 12, 3427-3436.	7.4	169
128	The fast-growing field of photo-driven theranostics based on aggregation-induced emission. Chemical Society Reviews, 2022, 51, 1983-2030.	38.1	168
129	Exploration of biocompatible AlEgens from natural resources. Chemical Science, 2018, 9, 6497-6502.	7.4	167
130	A Mitochondrionâ€Specific Photoactivatable Fluorescence Turnâ€On AlEâ€Based Bioprobe for Localization Superâ€Resolution Microscope. Advanced Materials, 2016, 28, 5064-5071.	21.0	166
131	Corannuleneâ€Incorporated AIE Nanodots with Highly Suppressed Nonradiative Decay for Boosted Cancer Phototheranostics In Vivo. Advanced Materials, 2018, 30, e1801065.	21.0	163
132	Aggregation induced blue-shifted emission – the molecular picture from a QM/MM study. Physical Chemistry Chemical Physics, 2014, 16, 5545-5552.	2.8	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.	14.6	161
134	Bioinspired Simultaneous Changes in Fluorescence Color, Brightness, and Shape of Hydrogels Enabled by AlEgens. Advanced Materials, 2020, 32, e1906493.	21.0	160
135	Sugar-Based Aggregation-Induced Emission Luminogens: Design, Structures, and Applications. Chemical Reviews, 2020, 120, 4534-4577.	47.7	158
136	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. ACS Nano, 2019, 13, 3618-3628.	14.6	157
137	AIE-based luminescence probes for metal ion detection. Coordination Chemistry Reviews, 2021, 429, 213693.	18.8	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.	14.6	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.	14.6	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.	13.7	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 AlEgens at Ultralow Concentration. Chemistry of Materials, 2018, 30, 4778-4787.	6.7	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.	7.4	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.	13.8	153

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145	Simple Biosensor with High Selectivity and Sensitivity: Thiolâ€Specific Biomolecular Probing and Intracellular Imaging by AlE Fluorogen on a TLC Plate through a Thiol–Ene Click Mechanism. Chemistry - A European Journal, 2010, 16, 8433-8438.	3.3	152
146	Non-conventional fluorescent biogenic and synthetic polymers without aromatic rings. Polymer Chemistry, 2017, 8, 1722-1727.	3.9	152
147	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. Materials Chemistry Frontiers, 2017, 1, 1125-1129.	5.9	150
148	Threeâ€Pronged Attack by Homologous Farâ€red/NIR AlEgens to Achieve 1+1+1>3 Synergistic Enhanced Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 9610-9616.	13.8	146
149	Catalyst-Free, Atom-Economic, Multicomponent Polymerizations of Aromatic Diynes, Elemental Sulfur, and Aliphatic Diamines toward Luminescent Polythioamides. Macromolecules, 2015, 48, 7747-7754.	4.8	145
150	A fluorescent thermometer operating in aggregation-induced emission mechanism: probing thermal transitions of PNIPAM in water. Chemical Communications, 2009, , 4974.	4.1	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.	13.8	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.	14.9	144
153	Theranostics based on AlEgens. Theranostics, 2018, 8, 4925-4956.	10.0	143
154	Nanomaterials with Supramolecular Assembly Based on AIE Luminogens for Theranostic Applications. Advanced Materials, 2020, 32, e2004208.	21.0	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.	13.7	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.	5.5	141
157	AIE Nanoparticles with High Stimulated Emission Depletion Efficiency and Photobleaching Resistance for Longâ€Term Superâ€Resolution Bioimaging. Advanced Materials, 2017, 29, 1703643.	21.0	140
158	Functionality and versatility of aggregation-induced emission luminogens. Applied Physics Reviews, 2017, 4, .	11.3	138
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