

# Ben Zhong Tang

## List of Publications by Year in descending order

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1,957  
papers

169,415  
citations

61

176  
h-index

152

325  
g-index

2071  
all docs

2071  
docs citations

2071  
times ranked

46740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation-induced emission of 1-methyl-1,2,3,4,5-pentaphenylsilole. <i>Chemical Communications</i> , 2001, , 1740-1741.	2.2	6,387
2	Aggregation-Induced Emission: Together We Shine, United We Soar!. <i>Chemical Reviews</i> , 2015, 115, 11718-11940.	23.0	6,279
3	Aggregation-induced emission. <i>Chemical Society Reviews</i> , 2011, 40, 5361.	18.7	5,347
4	Aggregation-induced emission: phenomenon, mechanism and applications. <i>Chemical Communications</i> , 2009, , 4332.	2.2	3,438
5	Aggregation-Induced Emission: The Whole Is More Brilliant than the Parts. <i>Advanced Materials</i> , 2014, 26, 5429-5479.	11.1	2,737
6	Bioprobes Based on AIE Fluorogens. <i>Accounts of Chemical Research</i> , 2013, 46, 2441-2453.	7.6	1,607
7	AIE macromolecules: syntheses, structures and functionalities. <i>Chemical Society Reviews</i> , 2014, 43, 4494-4562.	18.7	1,222
8	Biosensing by luminogens with aggregation-induced emission characteristics. <i>Chemical Society Reviews</i> , 2015, 44, 4228-4238.	18.7	1,128
9	Acetylenic Polymers: Syntheses, Structures, and Functions. <i>Chemical Reviews</i> , 2009, 109, 5799-5867.	23.0	1,122
10	Synthesis, Light Emission, Nanoaggregation, and Restricted Intramolecular Rotation of 1,1-Substituted 2,3,4,5-Tetraphenylsiloles. <i>Chemistry of Materials</i> , 2003, 15, 1535-1546.	3.2	1,082
11	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <i>Chemical Society Reviews</i> , 2018, 47, 8842-8880.	18.7	993
12	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017, 11, 2313-2381.	7.3	976
13	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15845-15853.	1.5	856
14	Changing the Behavior of Chromophores from Aggregation-Induced Quenching to Aggregation-Induced Emission: Development of Highly Efficient Light Emitters in the Solid State. <i>Advanced Materials</i> , 2010, 22, 2159-2163.	11.1	834
15	Aggregation-Induced Emission: New Vistas at the Aggregate Level. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9888-9907.	7.2	821
16	Room-temperature phosphorescence from organic aggregates. <i>Nature Reviews Materials</i> , 2020, 5, 869-885.	23.3	786
17	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. <i>Journal of Materials Chemistry</i> , 2010, 20, 1858.	6.7	785
18	Crystallization-Induced Phosphorescence of Pure Organic Luminogens at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6090-6099.	1.5	765

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19	Tetraphenylethene: a versatile AIE building block for the construction of efficient luminescent materials for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 23726.	6.7	761
20	Functional Polyacetylenes. <i>Accounts of Chemical Research</i> , 2005, 38, 745-754.	7.6	715
21	A Photostable AIE Luminogen for Specific Mitochondrial Imaging and Tracking. <i>Journal of the American Chemical Society</i> , 2013, 135, 62-65.	6.6	695
22	Specific light-up bioprobes based on AIEgen conjugates. <i>Chemical Society Reviews</i> , 2015, 44, 2798-2811.	18.7	674
23	White light emission from a single organic molecule with dual phosphorescence at room temperature. <i>Nature Communications</i> , 2017, 8, 416.	5.8	621
24	Reversible Switching of the Emission of Diphenyldibenzofulvenes by Thermal and Mechanical Stimuli. <i>Advanced Materials</i> , 2011, 23, 3261-3265.	11.1	600
25	Biocompatible Nanoparticles with Aggregation-Induced Emission Characteristics as Far-Red/Near-Infrared Fluorescent Bioprobes for In Vitro and In Vivo Imaging Applications. <i>Advanced Functional Materials</i> , 2012, 22, 771-779.	7.8	599
26	Two-Dimensional Metal-Organic Framework with Wide Channels and Responsive Turn-On Fluorescence for the Chemical Sensing of Volatile Organic Compounds. <i>Journal of the American Chemical Society</i> , 2014, 136, 7241-7244.	6.6	593
27	Efficient blue emission from siloles. <i>Journal of Materials Chemistry</i> , 2001, 11, 2974-2978.	6.7	590
28	Ring-opening polymerization of strained, ring-tilted ferrocenophanes: a route to high-molecular-weight poly(ferrocenylsilanes). <i>Journal of the American Chemical Society</i> , 1992, 114, 6246-6248.	6.6	584
29	Restriction of Intramolecular Motions: The General Mechanism behind Aggregation-Induced Emission. <i>Chemistry - A European Journal</i> , 2014, 20, 15349-15353.	1.7	578
30	Aggregation-induced emission: fundamental understanding and future developments. <i>Materials Horizons</i> , 2019, 6, 428-433.	6.4	564
31	Click Synthesis, Aggregation-Induced Emission, <i>E-Z</i> Isomerization, Self-Organization, and Multiple Chromisms of Pure Stereoisomers of a Tetraphenylethene-Cored Luminogen. <i>Journal of the American Chemical Society</i> , 2012, 134, 9956-9966.	6.6	558
32	Specific Detection of <i>D</i> -Glucose by a Tetraphenylethene-Based Fluorescent Sensor. <i>Journal of the American Chemical Society</i> , 2011, 133, 660-663.	6.6	551
33	Real-Time Monitoring of Cell Apoptosis and Drug Screening Using Fluorescent Light-Up Probe with Aggregation-Induced Emission Characteristics. <i>Journal of the American Chemical Society</i> , 2012, 134, 17972-17981.	6.6	545
34	Effects of silane functionalization on the properties of carbon nanotube/epoxy nanocomposites. <i>Composites Science and Technology</i> , 2007, 67, 2965-2972.	3.8	543
35	Click polymerization. <i>Chemical Society Reviews</i> , 2010, 39, 2522.	18.7	533
36	Functionalization of carbon nanotubes using a silane coupling agent. <i>Carbon</i> , 2006, 44, 3232-3238.	5.4	524

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37	Fluorescent Sensors Based on Aggregation-Induced Emission: Recent Advances and Perspectives. ACS Sensors, 2017, 2, 1382-1399.	4.0	521
38	Achieving Persistent Room Temperature Phosphorescence and Remarkable Mechanochromism from Pure Organic Luminogens. Advanced Materials, 2015, 27, 6195-6201.	11.1	513
39	Preparation, Alignment, and Optical Properties of Soluble Poly(phenylacetylene)-Wrapped Carbon Nanotubes. Macromolecules, 1999, 32, 2569-2576.	2.2	511
40	Supramolecular materials based on AIE luminogens (AIEgens): construction and applications. Chemical Society Reviews, 2020, 49, 1144-1172.	18.7	498
41	Fluorescent "light-up" bioprobes based on tetraphenylethylene derivatives with aggregation-induced emission characteristics. Chemical Communications, 2006, , 3705-3707.	2.2	497
42	Structures, Electronic States, Photoluminescence, and Carrier Transport Properties of 1,1-Disubstituted 2,3,4,5-Tetraphenylsiloles. Journal of the American Chemical Society, 2005, 127, 6335-6346.	6.6	490
43	Aggregation-induced emission of siloles. Chemical Science, 2015, 6, 5347-5365.	3.7	487
44	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
45	Efficient Solid Emitters with Aggregation-Induced Emission and Intramolecular Charge Transfer Characteristics: Molecular Design, Synthesis, Photophysical Behaviors, and OLED Application. Chemistry of Materials, 2012, 24, 1518-1528.	3.2	472
46	AIE Luminogens for Bioimaging and Theranostics: From Organelles to Animals. Chem, 2017, 3, 56-91.	5.8	465
47	Molecular Motion in Aggregates: Manipulating TICT for Boosting Photothermal Theranostics. Journal of the American Chemical Society, 2019, 141, 5359-5368.	6.6	465
48	Specific Light-Up Bioprobe with Aggregation-Induced Emission and Activatable Photoactivity for the Targeted and Image-Guided Photodynamic Ablation of Cancer Cells. Angewandte Chemie - International Edition, 2015, 54, 1780-1786.	7.2	461
49	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
50	Synergy between Twisted Conformation and Effective Intermolecular Interactions: Strategy for Efficient Mechanochromic Luminogens with High Contrast. Advanced Materials, 2013, 25, 2837-2843.	11.1	422
51	Clusterization-triggered emission: Uncommon luminescence from common materials. Materials Today, 2020, 32, 275-292.	8.3	407
52	Effect of CNT decoration with silver nanoparticles on electrical conductivity of CNT-polymer composites. Carbon, 2008, 46, 1497-1505.	5.4	399
53	Luminogenic polymers with aggregation-induced emission characteristics. Progress in Polymer Science, 2012, 37, 182-209.	11.8	396
54	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

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55	Achieving High-Performance Nondoped OLEDs with Extremely Small Efficiency Roll-Off by Combining Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2017, 27, 1606458.	7.8	386
56	Effects of Substitution with Donor-Acceptor Groups on the Properties of Tetraphenylethene Trimer: Aggregation-Induced Emission, Solvatochromism, and Mechanochromism. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7334-7347.	1.5	385
57	Switching the light emission of (4-biphenyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. <i>Chemical Communications</i> , 2007, , 40-42.	2.2	384
58	Fluorescence enhancements of benzene-cored luminophors by restricted intramolecular rotations: AIE and AIEE effects. <i>Chemical Communications</i> , 2007, , 70-72.	2.2	381
59	Specific Detection of Integrin $\alpha_5\beta_3$ by Light-Up Bioprobe with Aggregation-Induced Emission Characteristics. <i>Journal of the American Chemical Society</i> , 2012, 134, 9569-9572.	6.6	378
60	AIE luminogens: emission brightened by aggregation. <i>Materials Today</i> , 2015, 18, 365-377.	8.3	378
61	Fluorescent Chemosensor for Detection and Quantitation of Carbon Dioxide Gas. <i>Journal of the American Chemical Society</i> , 2010, 132, 13951-13953.	6.6	374
62	Mechanochromic Luminescence of Aggregation-Induced Emission Luminogens. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3429-3436.	2.1	368
63	Macrocycles and cages based on tetraphenylethylene with aggregation-induced emission effect. <i>Chemical Society Reviews</i> , 2018, 47, 7452-7476.	18.7	368
64	Processible Nanostructured Materials with Electrical Conductivity and Magnetic Susceptibility: Preparation and Properties of Maghemite/Polyaniline Nanocomposite Films. <i>Chemistry of Materials</i> , 1999, 11, 1581-1589.	3.2	365
65	A Tetraphenylethylene Core-Based 3D Structure Small Molecular Acceptor Enabling Efficient Non-Fullerene Organic Solar Cells. <i>Advanced Materials</i> , 2015, 27, 1015-1020.	11.1	362
66	Long-Term Fluorescent Cellular Tracing by the Aggregates of AIE Bioconjugates. <i>Journal of the American Chemical Society</i> , 2013, 135, 8238-8245.	6.6	357
67	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. <i>Chemical Communications</i> , 2010, 46, 2221.	2.2	352
68	Monitoring and Inhibition of Insulin Fibrillation by a Small Organic Fluorogen with Aggregation-Induced Emission Characteristics. <i>Journal of the American Chemical Society</i> , 2012, 134, 1680-1689.	6.6	351
69	Structural Control of the Photoluminescence of Silole Regioisomers and Their Utility as Sensitive Regiodiscriminating Chemosensors and Efficient Electroluminescent Materials. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10061-10066.	1.2	349
70	Two-photon AIE bio-probe with large Stokes shift for specific imaging of lipid droplets. <i>Chemical Science</i> , 2017, 8, 5440-5446.	3.7	344
71	Rational design of a water-soluble NIR AIEgen, and its application in ultrafast wash-free cellular imaging and photodynamic cancer cell ablation. <i>Chemical Science</i> , 2018, 9, 3685-3693.	3.7	343
72	Aggregation-Induced Emission Luminogens for Activity-Based Sensing. <i>Accounts of Chemical Research</i> , 2019, 52, 2559-2570.	7.6	343

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73	Real-time and High-resolution Bioimaging with Bright Aggregation-induced Emission Dots in Short-Wave Infrared Region. <i>Advanced Materials</i> , 2018, 30, e1706856.	11.1	341
74	A facile strategy for realizing room temperature phosphorescence and single molecule white light emission. <i>Nature Communications</i> , 2018, 9, 2963.	5.8	339
75	What makes efficient circularly polarised luminescence in the condensed phase: aggregation-induced circular dichroism and light emission. <i>Chemical Science</i> , 2012, 3, 2737.	3.7	338
76	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. <i>Chemical Science</i> , 2015, 6, 4438-4444.	3.7	335
77	Highly Efficient Nondoped OLEDs with Negligible Efficiency Roll-off Fabricated from Aggregation-induced Delayed Fluorescence Luminogens. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12971-12976.	7.2	320
78	Photostable fluorescent organic dots with aggregation-induced emission (AIE dots) for noninvasive long-term cell tracing. <i>Scientific Reports</i> , 2013, 3, 1150.	1.6	319
79	Aggregation-induced emission, self-assembly, and electroluminescence of 4,4'-bis(1,2,2-triphenylvinyl)biphenyl. <i>Chemical Communications</i> , 2010, 46, 686-688.	2.2	313
80	Assembly strategies of organic-based imaging agents for fluorescence and photoacoustic bioimaging applications. <i>Chemical Society Reviews</i> , 2020, 49, 21-31.	18.7	313
81	Aggregation-enhanced theranostics: AIE sparkles in biomedical field. <i>Aggregate</i> , 2020, 1, 80-106.	5.2	312
82	Functionalized Siloles: Versatile Synthesis, Aggregation-induced Emission, and Sensory and Device Applications. <i>Advanced Functional Materials</i> , 2009, 19, 905-917.	7.8	311
83	Protein Detection and Quantitation by Tetraphenylethene-Based Fluorescent Probes with Aggregation-Induced Emission Characteristics. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11817-11823.	1.2	309
84	Aggregation-induced Emission of Silole Molecules and Polymers: Fundamental and Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 249-285.	1.9	309
85	Enhanced Emission Efficiency and Excited State Lifetime Due to Restricted Intramolecular Motion in Silole Aggregates. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1135-1140.	1.2	305
86	Highly Efficient Circularly Polarized Electroluminescence from Aggregation-induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2018, 28, 1800051.	7.8	302
87	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. <i>Nature Communications</i> , 2019, 10, 768.	5.8	296
88	Evaluation of Structure-Function Relationships of Aggregation-Induced Emission Luminogens for Simultaneous Dual Applications of Specific Discrimination and Efficient Photodynamic Killing of Gram-Positive Bacteria. <i>Journal of the American Chemical Society</i> , 2019, 141, 16781-16789.	6.6	295
89	An imidazole-functionalized polyacetylene: convenient synthesis and selective chemosensor for metal ions and cyanide. <i>Chemical Communications</i> , 2008, , 1094.	2.2	289
90	A superamplification effect in the detection of explosives by a fluorescent hyperbranched poly(silylenephylene) with aggregation-enhanced emission characteristics. <i>Polymer Chemistry</i> , 2010, 1, 426-429.	1.9	288

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91	Light-driven transformable optical agent with adaptive functions for boosting cancer surgery outcomes. <i>Nature Communications</i> , 2018, 9, 1848.	5.8	286
92	Design of AIEgens for near-infrared IIb imaging through structural modulation at molecular and morphological levels. <i>Nature Communications</i> , 2020, 11, 1255.	5.8	283
93	A Ratiometric Fluorescent Probe Based on ESIPT and AIE Processes for Alkaline Phosphatase Activity Assay and Visualization in Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 17245-17254.	4.0	281
94	Bright Near-Infrared Aggregation-Induced Emission Luminogens with Strong Two-Photon Absorption, Excellent Organelle Specificity, and Efficient Photodynamic Therapy Potential. <i>ACS Nano</i> , 2018, 12, 8145-8159.	7.3	281
95	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 4056.	6.7	275
96	Aggregation-induced emission: a coming-of-age ceremony at the age of eighteen. <i>Science China Chemistry</i> , 2019, 62, 1090-1098.	4.2	269
97	Conjugation-Induced Rigidity in Twisting Molecules: Filling the Gap Between Aggregation-Caused Quenching and Aggregation-Induced Emission. <i>Advanced Materials</i> , 2015, 27, 4496-4501.	11.1	268
98	Highly Efficient Photosensitizers with Far-Red/Near-Infrared Aggregation-Induced Emission for In Vitro and In Vivo Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, e1802105.	11.1	266
99	Aggregation-Induced Emission of cis,cis-1,2,3,4-Tetraphenylbutadiene from Restricted Intramolecular Rotation. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7522-7526.	1.1	265
100	Label-Free Fluorescent Probing of G-Quadruplex Formation and Real-Time Monitoring of DNA Folding by a Quaternized Tetraphenylethene Salt with Aggregation-Induced Emission Characteristics. <i>Chemistry - A European Journal</i> , 2008, 14, 6428-6437.	1.7	264
101	Aggregation-Induced Emission: Effects of Molecular Structure, Solid-State Conformation, and Morphological Packing Arrangement on Light-Emitting Behaviors of Diphenyldibenzofulvene Derivatives. <i>Journal of Physical Chemistry C</i> , 2007, 111, 2287-2294.	1.5	259
102	Click Polymerization: Progresses, Challenges, and Opportunities. <i>Macromolecules</i> , 2010, 43, 8693-8702.	2.2	259
103	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. <i>Chemical Science</i> , 2015, 6, 1932-1937.	3.7	259
104	An All-Round Athlete on the Track of Phototheranostics: Subtly Regulating the Balance between Radiative and Nonradiative Decays for Multimodal Imaging-Guided Synergistic Therapy. <i>Advanced Materials</i> , 2020, 32, e2003210.	11.1	259
105	Aggregation-induced and crystallization-enhanced emissions of 1,2-diphenyl-3,4-bis(diphenylmethylene)-1-cyclobutene. <i>Chemical Communications</i> , 2007, , 3255.	2.2	257
106	Ultrabright Organic Dots with Aggregation-Induced Emission Characteristics for Real-Time Two-Photon Intravital Vasculature Imaging. <i>Advanced Materials</i> , 2013, 25, 6083-6088.	11.1	255
107	Aggregate Science: From Structures to Properties. <i>Advanced Materials</i> , 2020, 32, e2001457.	11.1	254
108	NIR-Enabled AIEgens: A Win-Win Integration towards Bioapplications. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7476-7487.	7.2	253

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109	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. <i>Biomacromolecules</i> , 2018, 19, 2014-2022.	2.6	248
110	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021, 64, 2060-2104.	4.2	248
111	Poly[(maleic anhydride)- <i>i&gt;alt&lt;/i&gt;-(vinyl acetate)]: A Pure Oxygenic Nonconjugated Macromolecule with Strong Light Emission and Solvatochromic Effect. <i>Macromolecules</i>, 2015, 48, 64-71.</i>	2.2	242
112	High Performance of Simple Organic Phosphorescence Host-Guest Materials and their Application in Time-Resolved Bioimaging. <i>Advanced Materials</i> , 2021, 33, e2007811.	11.1	242
113	Silole-Containing Polyacetylenes. Synthesis, Thermal Stability, Light Emission, Nanodimensional Aggregation, and Restricted Intramolecular Rotation. <i>Macromolecules</i> , 2003, 36, 1108-1117.	2.2	241
114	Circularly Polarized Luminescence (CPL) from Chiral AIE Molecules and Macrostructures. <i>Small</i> , 2016, 12, 6495-6512.	5.2	241
115	Cytophilic Fluorescent Bioprobes for Long-Term Cell Tracking. <i>Advanced Materials</i> , 2011, 23, 3298-3302.	11.1	238
116	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , 2013, 56, 1178-1182.	4.2	236
117	Journey of Aggregation-Induced Emission Research. <i>ACS Omega</i> , 2018, 3, 3267-3277.	1.6	234
118	Polytriazoles with Aggregation-Induced Emission Characteristics: Synthesis by Click Polymerization and Application as Explosive Chemosensors. <i>Macromolecules</i> , 2009, 42, 1421-1424.	2.2	233
119	Locking the phenyl rings of tetraphenylethene step by step: understanding the mechanism of aggregation-induced emission. <i>Chemical Communications</i> , 2012, 48, 10675.	2.2	231
120	Liquid-crystalline and light-emitting polyacetylenes. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2607-2629.	2.5	229
121	Multiple Anti-Counterfeiting Guarantees from a Simple Tetraphenylethylene Derivative - High-Contrasted and Multi-State Mechanochromism and Photochromism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17814-17819.	7.2	229
122	Luminogenic materials constructed from tetraphenylethene building blocks: Synthesis, aggregation-induced emission, two-photon absorption, light refraction, and explosive detection. <i>Journal of Materials Chemistry</i> , 2012, 22, 232-240.	6.7	228
123	Designing Efficient and Ultralong Pure Organic Room-Temperature Phosphorescent Materials by Structural Isomerism. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7997-8001.	7.2	224
124	Recent advances of AIE light-up probes for photodynamic therapy. <i>Chemical Science</i> , 2021, 12, 6488-6506.	3.7	224
125	Mitochondrion-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics Synergistically Boosts the Radiosensitivity of Cancer Cells to Ionizing Radiation. <i>Advanced Materials</i> , 2017, 29, 1606167.	11.1	222
126	Enhancement of Aggregation-Induced Emission in Dye-Encapsulating Polymeric Micelles for Bioimaging. <i>Advanced Functional Materials</i> , 2010, 20, 1413-1423.	7.8	221



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127	Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine. <i>ACS Applied Bio Materials</i> , 2018, 1, 1768-1786.	2.3	219
128	High-Performance Non-doped OLEDs with Nearly 100% Exciton Use and Negligible Efficiency Roll-off. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9290-9294.	7.2	219
129	Fluorescent Light-Up Detection of Amine Vapors Based on Aggregation-Induced Emission. <i>ACS Sensors</i> , 2016, 1, 179-184.	4.0	218
130	Förster Resonance Energy Transfer: An Efficient Way to Develop Stimulus-Responsive Room-Temperature Phosphorescence Materials and Their Applications. <i>Matter</i> , 2020, 3, 449-463.	5.0	218
131	Color-Tunable, Aggregation-Induced Emission of a Butterfly-Shaped Molecule Comprising a Pyran Skeleton and Two Cholesteryl Wings. <i>Journal of Physical Chemistry B</i> , 2007, 111, 2000-2007.	1.2	216
132	Hyperbranched Conjugated Polysiloles: Synthesis, Structure, Aggregation-Enhanced Emission, Multicolor Fluorescent Photopatterning, and Superamplified Detection of Explosives. <i>Macromolecules</i> , 2010, 43, 4921-4936.	2.2	216
133	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. <i>Chemical Science</i> , 2011, 2, 672-675.	3.7	216
134	Ultralong UV/mechano-excited room temperature phosphorescence from purely organic cluster excitons. <i>Nature Communications</i> , 2019, 10, 5161.	5.8	216
135	Robust Luminescent Materials with Prominent Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence for High-Performance Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2017, 29, 3623-3631.	3.2	215
136	Supersensitive detection of explosives by recyclable AIE luminogen-functionalized mesoporous materials. <i>Chemical Communications</i> , 2012, 48, 7167.	2.2	214
137	Highly Stable Organic Small Molecular Nanoparticles as an Advanced and Biocompatible Phototheranostic Agent of Tumor in Living Mice. <i>ACS Nano</i> , 2017, 11, 7177-7188.	7.3	212
138	Bright and Photostable Organic Fluorescent Dots with Aggregation-Induced Emission Characteristics for Noninvasive Long-Term Cell Imaging. <i>Advanced Functional Materials</i> , 2014, 24, 635-643.	7.8	210
139	Reversible Photochromic System Based on Rhodamine B Salicylaldehyde Hydrazone Metal Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 1643-1649.	6.6	209
140	Multiple yet Controllable Photoswitching in a Single AIEgen System. <i>Journal of the American Chemical Society</i> , 2018, 140, 1966-1975.	6.6	209
141	Construction of Efficient Deep Blue Aggregation-Induced Emission Luminogen from Triphenylethene for Nondoped Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2015, 27, 3892-3901.	3.2	208
142	Single-Molecular Near-Infrared-II Theranostic Systems: Ultrastable Aggregation-Induced Emission Nanoparticles for Long-Term Tracing and Efficient Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 11282-11293.	7.3	208
143	Molecular Engineering to Boost AIE-Active Free Radical Photogenerators and Enable High-Performance Photodynamic Therapy under Hypoxia. <i>Advanced Functional Materials</i> , 2020, 30, 2002057.	7.8	208
144	Unusual Aggregation-Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14492-14497.	7.2	207

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1793	Solution-processed AIEgen NIR OLEDs with EQE Approaching 15%. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
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