

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

663 papers	73,121 citations	120 h-index	254 g-index
719 ext. papers	87,956 ext. citations	12.2 avg, IF	8.71 L-index

#	Paper	IF	Citations
663	Aggregation-induced emission of 1-methyl-1,2,3,4,5-pentaphenylsilole. <i>Chemical Communications</i> , 2001 , 1740-1	5.8	5057
662	Aggregation-Induced Emission: Together We Shine, United We Soar!. <i>Chemical Reviews</i> , 2015 , 115, 11718-18940	69.40	4745
661	Aggregation-induced emission. <i>Chemical Society Reviews</i> , 2011 , 40, 5361-88	58.5	4535
660	Aggregation-induced emission: phenomenon, mechanism and applications. <i>Chemical Communications</i> , 2009 , 4332-53	5.8	2999
659	Aggregation-induced emission: the whole is more brilliant than the parts. <i>Advanced Materials</i> , 2014 , 26, 5429-79	24	2216
658	Bioprobes based on AIE fluorogens. <i>Accounts of Chemical Research</i> , 2013 , 46, 2441-53	24.3	1406
657	The golden age of transfer hydrogenation. <i>Chemical Reviews</i> , 2015 , 115, 6621-86	68.1	1099
656	AIE macromolecules: syntheses, structures and functionalities. <i>Chemical Society Reviews</i> , 2014 , 43, 4494-5623	58.5	1025
655	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	9.6	983
654	Biosensing by luminogens with aggregation-induced emission characteristics. <i>Chemical Society Reviews</i> , 2015 , 44, 4228-38	58.5	941
653	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1858		751
652	Changing the behavior of chromophores from aggregation-caused quenching to aggregation-induced emission: development of highly efficient light emitters in the solid state. <i>Advanced Materials</i> , 2010 , 22, 2159-63	24	723
651	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 15845-15853	3.8	699
650	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		646
649	A photostable AIE luminogen for specific mitochondrial imaging and tracking. <i>Journal of the American Chemical Society</i> , 2013 , 135, 62-5	16.4	619
648	Fast-growing field of magnetically recyclable nanocatalysts. <i>Chemical Reviews</i> , 2014 , 114, 6949-85	68.1	608
647	Crystallization-Induced Phosphorescence of Pure Organic Luminogens at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6090-6099	3.8	584

646	Specific light-up bioprobes based on AIEgen conjugates. <i>Chemical Society Reviews</i> , 2015 , 44, 2798-811	58.5	576
645	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	15.6	545
644	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, 7241-4	16.4	527
643	Efficient blue emission from siloles. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2974-2978		514
642	Specific detection of D-glucose by a tetraphenylethene-based fluorescent sensor. <i>Journal of the American Chemical Society</i> , 2011 , 133, 660-3	16.4	508
641	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, 17972-81	16.4	481
640	Fluorescent "light-up" bioprobes based on tetraphenylethylene derivatives with aggregation-induced emission characteristics. <i>Chemical Communications</i> , 2006 , 3705-7	5.8	458
639	Aggregation-induced emissions of tetraphenylethene derivatives and their utilities as chemical vapor sensors and in organic light-emitting diodes. <i>Applied Physics Letters</i> , 2007 , 91, 011111	3.4	424
638	Specific light-up bioprobe with aggregation-induced emission and activatable photoactivity for the targeted and image-guided photodynamic ablation of cancer cells. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1780-6	16.4	404
637	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. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2546-54	16.4	389
636	Restriction of intramolecular motions: the general mechanism behind aggregation-induced emission. <i>Chemistry - A European Journal</i> , 2014 , 20, 15349-53	4.8	386
635	Fluorescent Sensors Based on Aggregation-Induced Emission: Recent Advances and Perspectives. <i>ACS Sensors</i> , 2017 , 2, 1382-1399	9.2	384
634	Aggregation-Induced Emission: New Vistas at the Aggregate Level. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9888-9907	16.4	373
633	Luminogenic polymers with aggregation-induced emission characteristics. <i>Progress in Polymer Science</i> , 2012 , 37, 182-209	29.6	363
632	Aggregation-induced emission: fundamental understanding and future developments. <i>Materials Horizons</i> , 2019 , 6, 428-433	14.4	359
631	Full-range intracellular pH sensing by an aggregation-induced emission-active two-channel ratiometric fluorogen. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4926-9	16.4	357
630	Specific detection of integrin $\alpha 3$ by light-up bioprobe with aggregation-induced emission characteristics. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9569-72	16.4	353
629	The recent development of efficient Earth-abundant transition-metal nanocatalysts. <i>Chemical Society Reviews</i> , 2017 , 46, 816-854	58.5	351

628	Switching the light emission of (4-biphenyl)phenyldibenzofulvene by morphological modulation: crystallization-induced emission enhancement. <i>Chemical Communications</i> , 2007 , 40-2	5.8	345
627	AIE Luminogens for Bioimaging and Theranostics: From Organelles to Animals. <i>CheM</i> , 2017 , 3, 56-91	16.2	337
626	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, 10061-6	3.4	336
625	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. <i>Chemical Communications</i> , 2010 , 46, 2221-3	5.8	327
624	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	15.6	319
623	What makes efficient circularly polarised luminescence in the condensed phase: aggregation-induced circular dichroism and light emission. <i>Chemical Science</i> , 2012 , 3, 2737	9.4	297
622	Supramolecular materials based on AIE luminogens (AIEgens): construction and applications. <i>Chemical Society Reviews</i> , 2020 , 49, 1144-1172	58.5	292
621	AIE luminogens: emission brightened by aggregation. <i>Materials Today</i> , 2015 , 18, 365-377	21.8	291
620	Photostable fluorescent organic dots with aggregation-induced emission (AIE dots) for noninvasive long-term cell tracing. <i>Scientific Reports</i> , 2013 , 3, 1150	4.9	290
619	Molecular Motion in Aggregates: Manipulating TICT for Boosting Photothermal Theranostics. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5359-5368	16.4	276
618	Crystallization-induced dual emission from metal- and heavy atom-free aromatic acids and esters. <i>Chemical Science</i> , 2015 , 6, 4438-4444	9.4	266
617	Room-temperature phosphorescence from organic aggregates. <i>Nature Reviews Materials</i> , 2020 , 5, 869-885	25.3	256
616	Real-Time and High-Resolution Bioimaging with Bright Aggregation-Induced Emission Dots in Short-Wave Infrared Region. <i>Advanced Materials</i> , 2018 , 30, e1706856	24	239
615	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	16.4	239
614	Macrocycles and cages based on tetraphenylethylene with aggregation-induced emission effect. <i>Chemical Society Reviews</i> , 2018 , 47, 7452-7476	58.5	236
613	Two-photon AIE bio-probe with large Stokes shift for specific imaging of lipid droplets. <i>Chemical Science</i> , 2017 , 8, 5440-5446	9.4	234
612	A ratiometric fluorescent probe based on ESIPT and AIE processes for alkaline phosphatase activity assay and visualization in living cells. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17245-54	9.5	234
611	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	9.4	227

610	Silole-Containing Polyacetylenes. Synthesis, Thermal Stability, Light Emission, Nanodimensional Aggregation, and Restricted Intramolecular Rotation. <i>Macromolecules</i> , 2003 , 36, 1108-1117	5.5	220
609	Ultrabright organic dots with aggregation-induced emission characteristics for real-time two-photon intravital vasculature imaging. <i>Advanced Materials</i> , 2013 , 25, 6083-8	24	218
608	A facile strategy for realizing room temperature phosphorescence and single molecule white light emission. <i>Nature Communications</i> , 2018 , 9, 2963	17.4	216
607	Light-driven transformable optical agent with adaptive functions for boosting cancer surgery outcomes. <i>Nature Communications</i> , 2018 , 9, 1848	17.4	216
606	A Near Infrared Light Triggered Hydrogenated Black TiO ₂ for Cancer Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1526-36	10.1	213
605	Highly Efficient Circularly Polarized Electroluminescence from Aggregation-Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2018 , 28, 1800051	15.6	209
604	Targeting Negative Surface Charges of Cancer Cells by Multifunctional Nanoprobes. <i>Theranostics</i> , 2016 , 6, 1887-98	12.1	207
603	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. <i>Chemical Science</i> , 2015 , 6, 1932-1937	9.4	206
602	Clusterization-triggered emission: Uncommon luminescence from common materials. <i>Materials Today</i> , 2020 , 32, 275-292	21.8	206
601	Locking the phenyl rings of tetraphenylethene step by step: understanding the mechanism of aggregation-induced emission. <i>Chemical Communications</i> , 2012 , 48, 10675-7	5.8	204
600	Aggregation-induced emission: a coming-of-age ceremony at the age of eighteen. <i>Science China Chemistry</i> , 2019 , 62, 1090-1098	7.9	203
599	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	16.7	199
598	Hyperbranched Conjugated Polysiloles: Synthesis, Structure, Aggregation-Enhanced Emission, Multicolor Fluorescent Photopatterning, and Superamplified Detection of Explosives. <i>Macromolecules</i> , 2010 , 43, 4921-4936	5.5	196
597	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	15.6	195
596	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	9.4	192
595	Aggregation-Induced Emission Luminogens for Activity-Based Sensing. <i>Accounts of Chemical Research</i> , 2019 , 52, 2559-2570	24.3	189
594	Synthesis, solvatochromism, aggregation-induced emission and cell imaging of tetraphenylethene-containing BODIPY derivatives with large Stokes shifts. <i>Chemical Communications</i> , 2012 , 48, 10099-101	5.8	188
593	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	24	186

592	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. <i>Nature Communications</i> , 2019 , 10, 768	17.4	184
591	Poly[(maleic anhydride)-alt-(vinyl acetate)]: A Pure Oxygenic Nonconjugated Macromolecule with Strong Light Emission and Solvatochromic Effect. <i>Macromolecules</i> , 2015 , 48, 64-71	5.5	183
590	Quantitation, visualization, and monitoring of conformational transitions of human serum albumin by a tetraphenylethene derivative with aggregation-induced emission characteristics. <i>Analytical Chemistry</i> , 2010 , 82, 7035-43	7.8	182
589	Assembly strategies of organic-based imaging agents for fluorescence and photoacoustic bioimaging applications. <i>Chemical Society Reviews</i> , 2020 , 49, 21-31	58.5	179
588	AIEgens for biological process monitoring and disease theranostics. <i>Biomaterials</i> , 2017 , 146, 115-135	15.6	174
587	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	24	173
586	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	16.7	173
585	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	16.4	168
584	Targeted and image-guided photodynamic cancer therapy based on organic nanoparticles with aggregation-induced emission characteristics. <i>Chemical Communications</i> , 2014 , 50, 8757-60	5.8	168
583	A tetraphenylethene-substituted pyridinium salt with multiple functionalities: synthesis, stimuli-responsive emission, optical waveguide and specific mitochondrion imaging. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4640	7.1	167
582	Design of AIEgens for near-infrared IIb imaging through structural modulation at molecular and morphological levels. <i>Nature Communications</i> , 2020 , 11, 1255	17.4	162
581	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, 14492-7	16.4	161
580	Fluorescent Light-Up Detection of Amine Vapors Based on Aggregation-Induced Emission. <i>ACS Sensors</i> , 2016 , 1, 179-184	9.2	160
579	An AIE-active hemicyanine fluorogen with stimuli-responsive red/blue emission: extending the pH sensing range by Ewitch + knob effect. <i>Chemical Science</i> , 2012 , 3, 1804	9.4	159
578	Designing Efficient and Ultralong Pure Organic Room-Temperature Phosphorescent Materials by Structural Isomerism. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7997-8001	16.4	158
577	Full emission color tuning in luminogens constructed from tetraphenylethene, benzo-2,1,3-thiadiazole and thiophene building blocks. <i>Chemical Communications</i> , 2011 , 47, 8847-9	5.8	158
576	A fluorescent light-up probe with "AIE + ESIPT" characteristics for specific detection of lysosomal esterase. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3438-3442	7.3	156
575	Fabrication of fluorescent nanoparticles based on AIE luminogens (AIE dots) and their applications in bioimaging. <i>Materials Horizons</i> , 2016 , 3, 283-293	14.4	156

574	Activatable Fluorescent Nanoprobe with Aggregation-Induced Emission Characteristics for Selective In Vivo Imaging of Elevated Peroxynitrite Generation. <i>Advanced Materials</i> , 2016 , 28, 7249-56	24	151
573	One-Step Formulation of Targeted Aggregation-Induced Emission Dots for Image-Guided Photodynamic Therapy of Cholangiocarcinoma. <i>ACS Nano</i> , 2017 , 11, 3922-3932	16.7	150
572	AIE-active theranostic system: selective staining and killing of cancer cells. <i>Chemical Science</i> , 2017 , 8, 1822-1830	9.4	149
571	Clustering-Triggered Emission and Persistent Room Temperature Phosphorescence of Sodium Alginate. <i>Biomacromolecules</i> , 2018 , 19, 2014-2022	6.9	149
570	Gelation process visualized by aggregation-induced emission fluorogens. <i>Nature Communications</i> , 2016 , 7, 12033	17.4	149
569	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	16.7	148
568	Highly sensitive switching of solid-state luminescence by controlling intersystem crossing. <i>Nature Communications</i> , 2018 , 9, 3044	17.4	146
567	AIEgens for dark through-bond energy transfer: design, synthesis, theoretical study and application in ratiometric Hg sensing. <i>Chemical Science</i> , 2017 , 8, 2047-2055	9.4	145
566	Room temperature phosphorescence from natural products: Crystallization matters. <i>Science China Chemistry</i> , 2013 , 56, 1178-1182	7.9	142
565	Ionization and Anion-Interaction: A New Strategy for Structural Design of Aggregation-Induced Emission Luminogens. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16974-16979	16.4	140
564	Aggregation-Induced Emission Luminogen with Near-Infrared-II Excitation and Near-Infrared-I Emission for Ultradeep Intravital Two-Photon Microscopy. <i>ACS Nano</i> , 2018 , 12, 7936-7945	16.7	140
563	Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1768-1786	4.1	140
562	Aggregation induced blue-shifted emission--the molecular picture from a QM/MM study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 5545-52	3.6	138
561	Simple biosensor with high selectivity and sensitivity: thiol-specific biomolecular probing and intracellular imaging by AIE fluorogen on a TLC plate through a thiol-ene click mechanism. <i>Chemistry - A European Journal</i> , 2010 , 16, 8433-8	4.8	138
560	Multiscale Humidity Visualization by Environmentally Sensitive Fluorescent Molecular Rotors. <i>Advanced Materials</i> , 2017 , 29, 1703900	24	135
559	Tetraphenylethenyl-modified perylene bisimide: aggregation-induced red emission, electrochemical properties and ordered microstructures. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7387		134
558	In Situ Monitoring Apoptosis Process by a Self-Reporting Photosensitizer. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5612-5616	16.4	133
557	Multiple yet Controllable Photoswitching in a Single AIEgen System. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1966-1975	16.4	133

556	A Mitochondrion-Specific Photoactivatable Fluorescence Turn-On AIE-Based Bioprobe for Localization Super-Resolution Microscope. <i>Advanced Materials</i> , 2016 , 28, 5064-71	24	131
555	Light-Up Probe for Targeted and Activatable Photodynamic Therapy with Real-Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses. <i>Advanced Functional Materials</i> , 2015 , 25, 6586-6595	15.6	131
554	Why Do Simple Molecules with "Isolated" Phenyl Rings Emit Visible Light?. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16264-16272	16.4	130
553	A fluorescent thermometer operating in aggregation-induced emission mechanism: probing thermal transitions of PNIPAM in water. <i>Chemical Communications</i> , 2009 , 4974-6	5.8	130
552	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 Image-Guided Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1704039	15.6	129
551	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1125-1129	7.8	123
550	Strategies to Enhance the Photosensitization: Polymerization and the Donor-Acceptor Even-Odd Effect. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15189-15193	16.4	122
549	Room Temperature One-Step Conversion from Elemental Sulfur to Functional Polythioureas through Catalyst-Free Multicomponent Polymerizations. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6156-6163	16.4	121
548	Dramatic Differences in Aggregation-Induced Emission and Supramolecular Polymerizability of Tetraphenylethene-Based Stereoisomers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10150-10156	16.4	121
547	Aggregation-Induced Emission Luminogen with Deep-Red Emission for Through-Skull Three-Photon Fluorescence Imaging of Mouse. <i>ACS Nano</i> , 2017 , 11, 10452-10461	16.7	120
546	Synthesis and Design of Aggregation-Induced Emission Surfactants: Direct Observation of Micelle Transitions and Microemulsion Droplets. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15160-4	16.4	120
545	Solvent-free synthesis of 1,4-disubstituted 1,2,3-triazoles using a low amount of Cu(PPh ₃) ₂ NO ₃ complex. <i>Green Chemistry</i> , 2010 , 12, 2120	10	120
544	Corannulene-Incorporated AIE Nanodots with Highly Suppressed Nonradiative Decay for Boosted Cancer Phototheranostics In Vivo. <i>Advanced Materials</i> , 2018 , 30, e1801065	24	120
543	Boosting Non-Radiative Decay to Do Useful Work: Development of a Multi-Modality Theranostic System from an AIEgen. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5628-5632	16.4	119
542	Manipulation of Molecular Aggregation States to Realize Polymorphism, AIE, MCL, and TADF in a Single Molecule. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12473-12477	16.4	119
541	Functionality and versatility of aggregation-induced emission luminogens. <i>Applied Physics Reviews</i> , 2017 , 4, 021307	17.3	118
540	2,5-bis(4-alkoxycarbonylphenyl)-1,4-diaryl-1,4-dihydropyrrolo[3,2-]pyrrole () AIEgens: tunable RIR and TICT characteristics and their multifunctional applications. <i>Chemical Science</i> , 2017 , 8, 7258-7267	9.4	118
539	Fabrication of fluorescent silica nanoparticles hybridized with AIE luminogens and exploration of their applications as nanobiosensors in intracellular imaging. <i>Chemistry - A European Journal</i> , 2010 , 16, 4266-72	4.8	118

538	Aggregation-enhanced theranostics: AIE sparkles in biomedical field. <i>Aggregate</i> , 2020 , 1, 80-106	22.9	118
537	Molecular luminogens based on restriction of intramolecular motions through host-guest inclusion for cell imaging. <i>Chemical Communications</i> , 2014 , 50, 1725-7	5.8	115
536	NIR-II AIEgens: A Win-Win Integration towards Bioapplications. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7476-7487	16.4	115
535	Spontaneous Amino-yne Click Polymerization: A Powerful Tool toward Regio- and Stereospecific Poly(β-aminoacrylate)s. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5437-5443	16.4	114
534	Photoluminescence and electroluminescence of hexaphenylsilole are enhanced by pressurization in the solid state. <i>Chemical Communications</i> , 2008 , 2989-91	5.8	114
533	Non-conventional fluorescent biogenic and synthetic polymers without aromatic rings. <i>Polymer Chemistry</i> , 2017 , 8, 1722-1727	4.9	113
532	AIE polymers: Synthesis and applications. <i>Progress in Polymer Science</i> , 2020 , 100, 101176	29.6	113
531	AIE Nanoparticles with High Stimulated Emission Depletion Efficiency and Photobleaching Resistance for Long-Term Super-Resolution Bioimaging. <i>Advanced Materials</i> , 2017 , 29, 1703643	24	112
530	Aggregate Science: From Structures to Properties. <i>Advanced Materials</i> , 2020 , 32, e2001457	24	112
529	Siloles symmetrically substituted on their 2,5-positions with electron-accepting and donating moieties: facile synthesis, aggregation-enhanced emission, solvatochromism, and device application. <i>Chemical Science</i> , 2012 , 3, 549-558	9.4	111
528	Hyperbranched conjugated poly(tetraphenylethene): synthesis, aggregation-induced emission, fluorescent photopatterning, optical limiting and explosive detection. <i>Polymer Chemistry</i> , 2012 , 3, 1481	4.9	111
527	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	24	111
526	Constitutional Isomerization Enables Bright NIR-II AIEgen for Brain-Inflammation Imaging. <i>Advanced Functional Materials</i> , 2020 , 30, 1908125	15.6	109
525	Tuning Organelle Specificity and Photodynamic Therapy Efficiency by Molecular Function Design. <i>ACS Nano</i> , 2019 , 13, 11283-11293	16.7	108
524	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. <i>ACS Nano</i> , 2019 , 13, 3618-3628	16.7	108
523	Aggregation-Induced Emission Luminogens: Union Is Strength, Gathering Illuminates Healthcare. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800477	10.1	107
522	Specific Fluorescence Probes for Lipid Droplets Based on Simple AIEgens. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10193-200	9.5	107
521	Real-Time, Quantitative Lighting-up Detection of Telomerase in Urines of Bladder Cancer Patients by AIEgens. <i>Analytical Chemistry</i> , 2015 , 87, 6822-7	7.8	106

- 520 Dendritic catalysisBasic concepts and recent trends. *Coordination Chemistry Reviews*, **2013**, 257, 2317-2334. 106
- 519 Catalyst-Free, Atom-Economic, Multicomponent Polymerizations of Aromatic Diynes, Elemental Sulfur, and Aliphatic Diamines toward Luminescent Polythioamides. *Macromolecules*, **2015**, 48, 7747-7754. 104
- 518 Photoactivatable aggregation-induced emission probes for lipid droplets-specific live cell imaging. *Chemical Science*, **2017**, 8, 1763-1768. 9.4 103
- 517 Exploration of biocompatible AIEgens from natural resources. *Chemical Science*, **2018**, 9, 6497-6502. 9.4 103
- 516 Light-enhanced bacterial killing and wash-free imaging based on AIE fluorogen. *ACS Applied Materials & Interfaces*, **2015**, 7, 7180-8. 9.5 102
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47	A DNA tetrahedron-loaded natural photosensitizer with aggregation-induced emission characteristics for boosting fluorescence imaging-guided photodynamic therapy. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 5410-5417	7.8	2
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