

Aggregation-Induced Emission (AIE): A Historical Pers

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Potential of Microfluidics and Lab-on-Chip Platforms to Improve Understanding of α -Prion-like Protein Assembly and Behavior. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 570692.	2.0	5
2	Full Color Tunable Aggregation-Induced Emission Luminogen for Bioimaging Based on an Indolizine Molecular Framework. <i>Bioconjugate Chemistry</i> , 2020, 31, 2522-2532.	1.8	25
3	Two-Photon Absorbing AIEgens: Influence of Stereoconfiguration on Their Crystallinity and Spectroscopic Properties and Applications in Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55157-55168.	4.0	12
4	Supramolecular assemblies of a 1,8-naphthalimide conjugate and its aggregation-induced emission property. <i>Materials Advances</i> , 2020, 1, 3532-3538.	2.6	8
5	Full Visible Spectrum and White Light Emission with a Single, Input-Tunable Organic Fluorophore. <i>Journal of the American Chemical Society</i> , 2020, 142, 20306-20312.	6.6	19
6	Dual Emission: Classes, Mechanisms, and Conditions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22624-22638.	7.2	158
7	Emissive tetraphenylethylene (TPE) derivatives in a dissolved state tightly fastened by a short oligo(ethylene glycol) chain. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2649-2656.	2.3	7
8	Photo-Responsive Fluorescent Materials with Aggregation-Induced Emission Characteristics. <i>Advanced Optical Materials</i> , 2020, 8, 2001362.	3.6	50
9	Morphological Evolution of Strongly Fluorescent Water Soluble AIEgen-Triblock Copolymer Mixed Aggregates with Shape-Dependent Cell Permeability. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10282-10291.	1.2	10
10	Duale Emission: Klassen, Mechanismen und Bedingungen. <i>Angewandte Chemie</i> , 2021, 133, 22804-22820.	1.6	10
11	Recent progress in utilizing near-infrared J-aggregates for imaging and cancer therapy. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1076-1089.	3.2	61
12	More is different: how aggregation turns on the light. <i>National Science Review</i> , 2021, 8, nwaa266.	4.6	2
13	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B π -N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4833-4840.	7.2	28
14	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B π -N Coordination-Induced Dual Fluorescence. <i>Angewandte Chemie</i> , 2021, 133, 4883-4890.	1.6	9
15	Small molecular fluorescent probes for the detection of lead, cadmium and mercury ions. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213691.	9.5	130
16	Combined effects of ion-pairing on multi-emissive properties of benzimidazolium salts. <i>Journal of Materials Chemistry C</i> , 2021, 9, 4182-4188.	2.7	2
17	DNA-templated control of chirality and efficient energy transport in supramolecular DNA architectures with aggregation-induced emission. <i>Chemical Science</i> , 2021, 12, 10048-10053.	3.7	3
18	Efficient artificial light-harvesting system constructed from supramolecular polymers with AIE property. <i>RSC Advances</i> , 2021, 11, 30041-30045.	1.7	14

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19	Introducing the Dihydro-1,3-azaboroles: Convenient Entry by a Three-Component Reaction, Synthetic and Photophysical Application. <i>Journal of the American Chemical Society</i> , 2021, 143, 2059-2067.	6.6	16
20	Tuning the mechanistic pathways of peptide self-assembly by aromatic interactions. <i>Chemical Communications</i> , 2021, 57, 1603-1606.	2.2	24
21	A mitochondria-targeted dual-functional aggregation-induced emission luminogen for intracellular mitochondrial imaging and photodynamic therapy. <i>Biomaterials Science</i> , 2021, 9, 1232-1236.	2.6	13
22	Two-step anti-cooperative self-assembly process into defined π -stacked dye oligomers: insights into aggregation-induced enhanced emission. <i>Chemical Science</i> , 2021, 12, 12302-12314.	3.7	22
23	A highly selective AIEgen fluorescent probe for visualizing Cys in living cells and <i>C. elegans</i> . <i>New Journal of Chemistry</i> , 0, , .	1.4	2
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25	Supramolecular polymer-directed light-harvesting system based on a stepwise energy transfer cascade. <i>Chemical Communications</i> , 2021, 57, 5782-5785.	2.2	54
26	Redox-active tetraaryldibenzoquinodimethanes. <i>Chemical Communications</i> , 2021, 57, 7201-7214.	2.2	13
27	HAPPY Dyes as Light Amplification Media in Thin Films. <i>Journal of Organic Chemistry</i> , 2021, 86, 3213-3222.	1.7	2
28	The design of dihalogenated TPE monoboronate complexes as mechanofluorochromic crystals. <i>CrystEngComm</i> , 2021, 23, 5908-5917.	1.3	4
29	A new ESIPT-based fluorescent probe for the highly sensitive detection of amine vapors. <i>New Journal of Chemistry</i> , 2021, 45, 10735-10740.	1.4	31
30	Carbazole-modified thiazolo[3,2- <i>c</i>][1,3,5,2]oxadiazaborinines exhibiting aggregation-induced emission and mechanofluorochromism. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 406-415.	1.5	6
31	A novel aggregation-induced enhanced emission aromatic molecule: 2-aminophenylboronic acid dimer. <i>Chemical Science</i> , 2021, 12, 12437-12444.	3.7	9
32	Revisiting an ancient inorganic aggregation-induced emission system: An enlightenment to clusteroluminescence. <i>Aggregate</i> , 2021, 2, e36.	5.2	40
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34	Insights into Excimer Formation Factors from Detailed Structural and Photophysical Studies in the Solid State. <i>Advanced Optical Materials</i> , 2021, 9, 2001814.	3.6	40
35	Aggregation-induced emission materials for nonlinear optics. <i>Aggregate</i> , 2021, 2, e28.	5.2	56
36	Near-Infrared Thienoisindigos with Aggregation-Induced Emission: Molecular Design, Optical Performance, and Bioimaging Application. <i>Analytical Chemistry</i> , 2021, 93, 3378-3385.	3.2	28

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37	Computational Investigation on ESIPT-driven Luminescence of Imidazo[1,2-a]pyridine Derivatives Regulated by Inter/Intramolecular Hydrogen bonding. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 409, 113140.	2.0	2
38	Perspectives in Dye Chemistry: A Rational Approach toward Functional Materials by Understanding the Aggregate State. <i>Journal of the American Chemical Society</i> , 2021, 143, 4500-4518.	6.6	149
39	Ultrabright Fluorescent Organic Nanoparticles Based on Small-Molecule Ionic Isolation Lattices**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9450-9458.	7.2	29
40	Aggregation induced emission-active molecules bearing tunable singlet oxygen generation: The different length alkyl chain matters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119233.	2.0	4
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42	Ultrabright Fluorescent Organic Nanoparticles Based on Small-Molecule Ionic Isolation Lattices**. <i>Angewandte Chemie</i> , 2021, 133, 9536-9544.	1.6	2
43	Luminescence in Crystalline Organic Materials: From Molecules to Molecular Solids. <i>Advanced Optical Materials</i> , 2021, 9, 2002251.	3.6	146
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46	Bright Frenkel Excitons in Molecular Crystals: A Survey. <i>Chemistry of Materials</i> , 2021, 33, 3368-3378.	3.2	22
47	What Leads to Aggregation-Induced Emission?. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4218-4226.	2.1	28
48	Broad Applications of Thiazole Orange in Fluorescent Sensing of Biomolecules and Ions. <i>Molecules</i> , 2021, 26, 2828.	1.7	27
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57	Anthracene-induced formation of highly twisted metallacycle and its crystal structure and tunable assembly behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	12
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67	A tetrazine-fused aggregation induced emission luminogen for bioorthogonal fluorogenic bioprobe. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129966.	4.0	15
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74	Dual-State Emission (DSE) in Organic Fluorophores: Design and Applications. <i>Chemistry of Materials</i> , 2021, 33, 7160-7184.	3.2	119
75	Aggregation-induced emission of 4-formyl-3-hydroxybenzoic acid for the ratiometric fluorescence detection of tetracycline antibiotics. <i>Dyes and Pigments</i> , 2022, 197, 109841.	2.0	25
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77	Visual detection of viscosity through activatable molecular rotor with aggregation-induced emission. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120016.	2.0	12
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107	Regioselective Fluorination of Acenes: Tailoring of Molecular Electronic Levels and Solid-State Properties. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	12
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115	Antiâ€‘cooperative Selfâ€‘Assembly with Maintained Emission Regulated by Conformational and Steric Effects. <i>Angewandte Chemie</i> , 0, , .	1.6	6
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135	Covalent Attachment of Aggregation-Induced Emission Molecules to the Surface of Ultrasmall Gold Nanoparticles to Enhance Cell Penetration. <i>Molecules</i> , 2022, 27, 1788.	1.7	3
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139	Transforming Dyes into Fluorophores: Excitonâ€“Induced Emission with Chainâ€“like Oligoâ€“BODIPY Superstructures. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	15
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