

Aggregation-induced emission

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Aqueous Fluorescence Turn-on Sensor for Zn ²⁺ with a Tetraphenylethylene Compound. <i>Organic Letters</i> , 2011, 13, 6378-6381.	2.4	144
2	Turn-On Fluorescence in Tetraphenylethylene-Based Metal-Organic Frameworks: An Alternative to Aggregation-Induced Emission. <i>Journal of the American Chemical Society</i> , 2011, 133, 20126-20129.	6.6	623
3	Fluorogenic Zn(II) and Chromogenic Fe(II) Sensors Based on Terpyridine-Substituted Tetraphenylethenes with Aggregation-Induced Emission Characteristics. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3411-3418.	4.0	189
4	Aggregation-induced emission. <i>Chemical Society Reviews</i> , 2011, 40, 5361.	18.7	5,347
5	Highly sensitive determination of enantiomeric composition of chiral acids based on aggregation-induced emission. <i>Chemical Communications</i> , 2012, 48, 4908.	2.2	53
6	Arylaminoimides as a New Class of Aggregation-induced Emission-active Molecules Obtained from Organoarsenic Compounds. <i>Chemistry Letters</i> , 2012, 41, 1445-1447.	0.7	24
7	Conformational Locking by Design: Relating Strain Energy with Luminescence and Stability in Rigid Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2012, 134, 19596-19599.	6.6	176
8	From Aggregation-Induced Emission of Au(I)-Thiolate Complexes to Ultrabright Au(0)@Au(I)-Thiolate Core-Shell Nanoclusters. <i>Journal of the American Chemical Society</i> , 2012, 134, 16662-16670.	6.6	1,340
9	Tetraphenylethylene modified perylene bisimide: effect of the number of substituents on AIE performance. <i>Chemical Communications</i> , 2012, 48, 11671.	2.2	77
10	Synthesis and aggregation-induced emission properties of tetraphenylethylene-based oligomers containing triphenylethylene moiety. <i>Tetrahedron Letters</i> , 2012, 53, 6838-6842.	0.7	36
11	Simple fluorescent probe derived from tetraphenylethylene and benzoquinone for instantaneous biothiol detection. <i>Analytical Methods</i> , 2012, 4, 3338.	1.3	49
12	Transition metal-containing macromolecules: En route to new functional materials. <i>Polymer</i> , 2012, 53, 4879-4921.	1.8	108
13	Influence of Carbazolyl Groups on Properties of Piezofluorochromic Aggregation-Enhanced Emission Compounds Containing Distyrylanthracene. <i>Journal of Physical Chemistry C</i> , 2012, 116, 23629-23638.	1.5	135
14	Substitution Position Directing the Molecular Packing, Electronic Structure, and Aggregate Emission Property of Bis[2-(9-anthracenyl)vinyl]benzene System. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6401-6408.	1.5	46
15	Cascade synthesis of bis-N-sulfonylcyclobutenes via Cu(I)/Lewis acid-catalyzed (3 + 2)/(2 + 2) cycloadditions: observation of aggregation-induced emission enhancement from restricted C=C photoisomerization. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2937.	1.5	23
16	Fumaronitrile-Based Fluorogen: Red to Near-Infrared Fluorescence, Aggregation-Induced Emission, Solvatochromism, and Twisted Intramolecular Charge Transfer. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10541-10547.	1.5	147
17	One-Pot Condensation of 2- and 2,5-Halo-Substituted Benzophenones for the Synthesis of Halo-Substituted 9,10-Diphenylanthracenes. <i>Asian Journal of Organic Chemistry</i> , 2012, 1, 331-335.	1.3	3
18	Unusual Salt-Induced Color Modulation through Aggregation-Induced Emission Switching of a Bis-cationic Phenylenedivinylene-Based β -Hydrogelator. <i>Chemistry - A European Journal</i> , 2012, 18, 16632-16641.	1.7	72

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20	Optical Properties and Photo-Oxidation of Tetraphenylethene-Based Fluorophores. <i>Chemistry - A European Journal</i> , 2012, 18, 16037-16045.	1.7	91
21	Fluorescence Turn-On Detection of Melamine with Aggregation-Induced Emission-Active Tetraphenylethene. <i>Chemistry - A European Journal</i> , 2012, 18, 15254-15257.	1.7	44
22	Zn ²⁺ -selective fluorescent turn-on chemosensor based on terpyridine-substituted siloles. <i>Dyes and Pigments</i> , 2012, 95, 174-179.	2.0	61
23	Simultaneous enhancement of the carrier mobility and luminous efficiency through thermal annealing a molecular glass material and device. <i>Journal of Materials Chemistry</i> , 2012, 22, 21502.	6.7	13
24	Hydrochromic fluorescence of organo-boronium-avobenzene complexes. <i>Analytical Methods</i> , 2012, 4, 2641.	1.3	19
25	Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. <i>Journal of Materials Chemistry</i> , 2012, 22, 4527.	6.7	103
26	Fluorescent coronene monoimide gels via H-bonding induced frustrated dipolar assembly. <i>Chemical Communications</i> , 2012, 48, 1467-1469.	2.2	34
27	Highly sensitive and selective fluorometric off-on K ⁺ probe constructed via host-guest molecular recognition and aggregation-induced emission. <i>Journal of Materials Chemistry</i> , 2012, 22, 8622.	6.7	109
28	Formation of a supramolecular chromophore: a spectroscopic and theoretical study. <i>Soft Matter</i> , 2012, 8, 66-69.	1.2	62
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30	End-group effects of piezofluorochromic aggregation-induced enhanced emission compounds containing distyrylanthracene. <i>Journal of Materials Chemistry</i> , 2012, 22, 18505.	6.7	273
31	Light-emitting property of simple AIE compounds in gel, suspension and precipitates, and application to quantitative determination of enantiomer composition. <i>Chemical Communications</i> , 2012, 48, 3176.	2.2	29
32	Aggregation-induced red-NIR emission organic nanoparticles as effective and photostable fluorescent probes for bioimaging. <i>Journal of Materials Chemistry</i> , 2012, 22, 15128.	6.7	170
33	Siloxy-Substituted Cyclopentadiene Showing Aggregation-Enhanced Emission: An Application of Cycloaddition of Isolable Dialkylsilylene. <i>Organometallics</i> , 2012, 31, 5983-5985.	1.1	9
34	Phenyl Ring Dynamics in a Tetraphenylethylene-Bridged Metal-Organic Framework: Implications for the Mechanism of Aggregation-Induced Emission. <i>Journal of the American Chemical Society</i> , 2012, 134, 15061-15070.	6.6	368
35	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
36	Structure-Property Studies Toward the Stimuli-Responsive Behavior of Benzyl-Phosphonium Acenes. <i>Inorganic Chemistry</i> , 2012, 51, 2669-2678.	1.9	42

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38	Specific Detection of Integrin $\alpha_5\beta_1$ by Light-Up Bioprobe with Aggregation-Induced Emission Characteristics. <i>Journal of the American Chemical Society</i> , 2012, 134, 9569-9572.	6.6	378
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40	Initiator-lightened polymers: preparation of end-functionalized polymers by ATRP and their intramolecular charge transfer and aggregation-induced emission. <i>Chemical Communications</i> , 2012, 48, 10234.	2.2	58
41	Vapor-Phase Detection of Trinitrotoluene by AIEE-Active Hetero-oligophenylene-Based Carbazole Derivatives. <i>Langmuir</i> , 2012, 28, 12417-12421.	1.6	55
42	Synthesis and Fluorescence Properties of Thiazole-Boron Complexes Bearing a β -Ketoiminate Ligand. <i>Organic Letters</i> , 2012, 14, 4682-4685.	2.4	135
43	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
44	New phosphorescent platinum(ii) Schiff base complexes for PHOLED applications. <i>Journal of Materials Chemistry</i> , 2012, 22, 16448.	6.7	69
45	Cyanostilben-based derivatives: mechanical stimuli-responsive luminophors with aggregation-induced emission enhancement. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1414-1421.	1.6	83
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52	Benzotrithiazole based chromophores for nonlinear optics. <i>Journal of Molecular Structure</i> , 2012, 1027, 70-80.	1.8	6
53	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
54	Large Stokes Shift Induced by Intramolecular Charge Transfer in N,O-Chelated Naphthyridine-BF ₂ Complexes. <i>Organic Letters</i> , 2012, 14, 5226-5229.	2.4	125

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56	Modification of the Green Fluorescent Protein Chromophore with Large Aromatic Moieties: Photophysical Study and Solid-State Emission. <i>Asian Journal of Organic Chemistry</i> , 2012, 1, 352-358.	1.3	22
57	Zn^{II} -Aminoamine- BF_2 Complexes: Aggregation-Induced Emission and Pronounced Effects of Aliphatic Rings on Radiationless Deactivation. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2670-2677.	1.7	50
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59	<i>Cyclic</i> Side-Chain Phenylazo Naphthalene Polymers: Enhanced Fluorescence Emission and Surface Relief Grating Formation. <i>Macromolecular Rapid Communications</i> , 2012, 33, 1845-1851.	2.0	27
60	Lipid-PEG-Folate Encapsulated Nanoparticles with Aggregation Induced Emission Characteristics: Cellular Uptake Mechanism and Two-Photon Fluorescence Imaging. <i>Small</i> , 2012, 8, 3655-3663.	5.2	139
61	Controllable Self-Assembly of Di(<i>p</i> -methoxyphenyl)Dibenzofulvene into Three Different Emission Forms. <i>Small</i> , 2012, 8, 3406-3411.	5.2	47
62	Self-assembly and luminescence of pyrazole supergelators. <i>Soft Matter</i> , 2012, 8, 6799.	1.2	24
63	Visualizing the Quadruplex: From Fluorescent Ligands to Light-Up Probes. <i>Topics in Current Chemistry</i> , 2012, 330, 111-177.	4.0	109
64	Conformation twisting induced orientational disorder, polymorphism and solid-state emission properties of 1-(9-anthryl)-2-(1-naphthyl)ethylene. <i>CrystEngComm</i> , 2012, 14, 8286.	1.3	16
65	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
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71	Magnetic field induced self assembly and optical memory of pi-ring containing fluorophores. <i>Chemical Physics Letters</i> , 2012, 554, 163-167.	1.2	6
72	Efficient Non-doped Near Infrared Organic Light-Emitting Devices Based on Fluorophores with Aggregation-Induced Emission Enhancement. <i>Chemistry of Materials</i> , 2012, 24, 2178-2185.	3.2	224

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74	A new gelator based on tetraphenylethylene and diphenylalanine: Gel formation and reversible fluorescence tuning. <i>Science Bulletin</i> , 2012, 57, 4284-4288.	1.7	14
75	Tetraphenylethenyl-modified perylene bisimide: aggregation-induced red emission, electrochemical properties and ordered microstructures. <i>Journal of Materials Chemistry</i> , 2012, 22, 7387.	6.7	154
76	Deciphering mechanism of aggregation-induced emission (AIE): Is E ⁺ isomerisation involved in an AIE process?. <i>Chemical Science</i> , 2012, 3, 493-497.	3.7	122
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83	Nonlinear fluorescence response driven by ATP-induced self-assembly of guanidinium-tethered tetraphenylethene. <i>Chemical Communications</i> , 2012, 48, 8090.	2.2	90
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85	Dicyanomethylene-4H-pyran chromophores for OLED emitters, logic gates and optical chemosensors. <i>Chemical Communications</i> , 2012, 48, 6073.	2.2	258
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92	Efficient Metal-Free Organic Sensitizers Containing Tetraphenylethylene Moieties in the Donor Part for Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5248-5255.	1.2	25
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102	Self-Organization of Hydrogen-Bonding Naphthalene Chromophores into β -Type Nanorings and α -Type Nanorods: Impact of Regioisomerism. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6643-6647.	7.2	140
103	A Facile and Versatile Approach to Efficient Luminescent Materials for Applications in Organic Light-Emitting Diodes. <i>Chemistry - an Asian Journal</i> , 2012, 7, 484-488.	1.7	65
104	2,3,4,5-Tetraphenylsilo-Based Conjugated Polymers: Synthesis, Optical Properties, and as Sensors for Explosive Compounds. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1583-1593.	1.7	32
105	From A Fluorescent Chromophore in Solution to An Efficient Emitter in the Solid State. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2424-2428.	1.7	13
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108	Fluorescent Microporous Organic Polymers: Potential Testbed for Optical Applications. <i>Chemistry - A European Journal</i> , 2012, 18, 10074-10080.	1.7	88
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110	Synthesis and Properties of Thiophene-Fused Benzocarborane. <i>Chemistry - A European Journal</i> , 2012, 18, 11251-11257.	1.7	56
111	Turn-on of the fluorescence of tetra(4-pyridylphenyl)ethylene by the synergistic interactions of mercury(ii) cation and hydrogen sulfate anion. <i>Chemical Communications</i> , 2012, 48, 7504.	2.2	80

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112	Synthesis and self-assembly of tetraphenylethene and biphenyl based AIE-active triazoles. <i>Journal of Materials Chemistry</i> , 2012, 22, 10472.	6.7	62
113	Polymeric assemblies and nanoparticles with stimuli-responsive fluorescence emission characteristics. <i>Chemical Communications</i> , 2012, 48, 3262.	2.2	138
114	Self-assembled nanoparticles of p-phenylenediacetonitrile derivatives with fluorescence turn-on. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	7
115	Preparation and self-assembly of amphiphilic polymer with aggregation-induced emission characteristics. <i>Science China Chemistry</i> , 2012, 55, 772-778.	4.2	46
116	A new ratiometric Ag ⁺ fluorescent sensor based on aggregation-induced emission. <i>Tetrahedron Letters</i> , 2012, 53, 593-596.	0.7	47
117	Luminogenic polymers with aggregation-induced emission characteristics. <i>Progress in Polymer Science</i> , 2012, 37, 182-209.	11.8	396
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120	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
122	A General Strategy To Construct Fluorogenic Probes from Charge-Generation Polymers (CGPs) and AIE-Active Fluorogens through Triggered Complexation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 455-459.	7.2	150
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126	Aggregation-Induced Emission and Efficient Solid-State Fluorescence from Tetraphenylethene-Based N,C-Chelate Four-Coordinate Organoborons. <i>Chemistry - A European Journal</i> , 2013, 19, 11512-11517.	1.7	90
127	Biotin-decorated fluorescent silica nanoparticles with aggregation-induced emission characteristics: fabrication, cytotoxicity and biological applications. <i>Journal of Materials Chemistry B</i> , 2013, 1, 676-684.	2.9	86
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129	Luminescent metal-organic gels with tetraphenylethylene moieties: porosity and aggregation-induced emission. <i>RSC Advances</i> , 2013, 3, 16340.	1.7	36
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131	Quinoxaline based D-A-D molecules: high contrast reversible solid-state mechano- and thermo-responsive fluorescent materials. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5491.	2.7	80

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133	High Efficiency Photoluminescence Wholly Aromatic Triarylamine-based Polyimide Nanofiber with Aggregation-Induced Emission Enhancement. <i>Advanced Optical Materials</i> , 2013, 1, 668-676.	3.6	47
134	Fluorine interaction controlled AIEE phenomenon in an expanded calixbenzophyrin and its vapoluminescent response: turn on emission with volatile ketones and esters. <i>Chemical Communications</i> , 2013, 49, 2213.	2.2	13
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136	Fluorescent pH sensor constructed from a heteroatom-containing luminogen with tunable AIE and ICT characteristics. <i>Chemical Science</i> , 2013, 4, 3725.	3.7	198
137	Tetraphenylethene-triphenylene oligomers with an aggregation-induced emission effect and discotic columnar mesophase. <i>RSC Advances</i> , 2013, 3, 14099.	1.7	49
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1678	Hydrophobicity-induced prestaining for protein detection in polyacrylamide gel electrophoresis. <i>Chemical Communications</i> , 2016, 52, 2807-2810.	2.2	17
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1689	Fluorescent nanoparticles based on AIE fluorogens for bioimaging. <i>Nanoscale</i> , 2016, 8, 2471-2487.	2.8	236
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1814	Controlling solid-state optical properties of stimuli responsive dimethylamino-substituted dibenzoylmethane materials. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1804-1817.	3.2	23
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1816	Pyrene-fluorescein-based colour-tunable AIE-active hybrid fluorophore material for potential live cell imaging applications. <i>New Journal of Chemistry</i> , 2017, 41, 5114-5120.	1.4	9
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1938	1,4-Dihydropyridines: discovery of minimal AIEgens and their mitochondrial imaging applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 464-469.	2.9	17
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1942	Approaches to polymeric mechanochromic materials. <i>Journal of Polymer Science Part A</i> , 2017, 55, 640-652.	2.5	125
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1955	Optical and Structural Properties of ESIPT Inspired HBT-Fluorene Molecular Aggregates and Liquid Crystals. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10407-10416.	1.2	30
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1968	Light Harvesting Organic Nanocrystals Capable of Photon Upconversion. <i>ChemSusChem</i> , 2017, 10, 4610-4615.	3.6	29
1969	Recent advances in chemistry of ladderphanes and related polymers. <i>Tetrahedron</i> , 2017, 73, 6487-6513.	1.0	7
1970	Self-reversible thermofluorochromism of D triphenylamine derivatives and the effect of molecular conformation and packing. <i>CrystEngComm</i> , 2017, 19, 6979-6985.	1.3	23
1971	Iodine Controlled Pillar[5]arene-Based Multiresponsive Supramolecular Polymer for Fluorescence Detection of Cyanide, Mercury, and Cysteine. <i>Macromolecules</i> , 2017, 50, 7863-7871.	2.2	186
1972	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.	7.3	156
1973	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	6.6	203
1974	Fluorescent Sensors Based on Aggregation-Induced Emission: Recent Advances and Perspectives. <i>ACS Sensors</i> , 2017, 2, 1382-1399.	4.0	521
1975	A fluorescent pH probe for acidic organelles in living cells. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7936-7943.	1.5	30
1976	Design, synthesis, photophysical properties and pH-sensing application of pyrimidine-phthalimide derivatives. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10589-10599.	2.7	29
1977	A Simple and Sensitive Method for an Important Physical Parameter: Reliable Measurement of Glass Transition Temperature by AIEgens. <i>Macromolecules</i> , 2017, 50, 7620-7627.	2.2	50
1978	Generation of Multicomponent Molecular Cages using Simultaneous Dynamic Covalent Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 18010-18018.	1.7	40
1979	A Benzothiazole-Based Fluorescent Probe for Ratiometric Detection of Al ³⁺ in Aqueous Medium and Living Cells. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 12267-12275.	1.8	75
1980	Molecular Engineering of Platinum(II) Terpyridine Complexes with Tetraphenylethylene-Modified Alkynyl Ligands: Supramolecular Assembly via Pt-Á·Á·Pt and/or Á·Á·Á· Stacking Interactions and the Formation of Various Superstructures. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 36220-36228.	4.0	37
1981	Cyclic Emitter with Tetraphenylsilane and Tetraphenylethene Units Exhibiting Tunable Color Emissions. <i>Chemistry Letters</i> , 2017, 46, 1546-1549.	0.7	1
1982	Biomimetic Inspired Core-Canopy Quantum Dots: Ions Trapped in Voids Induce Kinetic Fluorescence Switching. <i>Advanced Materials</i> , 2017, 29, 1704238.	11.1	80
1983	Polymorphism in crystals of bis(4-bromophenyl)fumaronitrile through vapour phase growth. <i>CrystEngComm</i> , 2017, 19, 7223-7228.	1.3	3
1984	An active structure preservation method for developing functional graphitic carbon dots as an effective antibacterial agent and a sensitive pH and Al(ⁱⁱⁱ) nanosensor. <i>Nanoscale</i> , 2017, 9, 17334-17341.	2.8	76

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1986	Direct visualization and real-time monitoring of dissipative self-assembly by synchronously coupled aggregation-induced emission. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2651-2655.	3.2	23
1987	Achieving high-efficiency emission depletion nanoscopy by employing cross relaxation in upconversion nanoparticles. <i>Nature Communications</i> , 2017, 8, 1058.	5.8	239
1988	Bonding-induced emission of silyl-protected copper nanoclusters for luminescence turn-on detection of trace water in organic solvents. <i>Analyst</i> , 2017, 142, 4613-4617.	1.7	28
1989	Rhenium tricarbonyl complexes of AIE active tetraarylethylene ligands: tuning luminescence properties and HSA-specific binding. <i>Dalton Transactions</i> , 2017, 46, 15040-15047.	1.6	27
1990	AIE-active molecule-based self-assembled nano-fibrous films for sensitive detection of volatile organic amines. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11781-11789.	2.7	41
1991	Why Do Simple Molecules with Isolated Phenyl Rings Emit Visible Light?. <i>Journal of the American Chemical Society</i> , 2017, 139, 16264-16272.	6.6	201
1992	Fabrication of Noncoplanar Molecule Aggregates with Inherent Porous Structures for Electrochemiluminescence Signal Amplification. <i>Analytical Chemistry</i> , 2017, 89, 10078-10084.	3.2	24
1993	<i>E</i> / <i>Z</i> isomerization effects on aggregation-enhanced emission of tetraphenylethene derivatives assisted by host-guest recognition. <i>RSC Advances</i> , 2017, 7, 38581-38585.	1.7	4
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1995	Novel fluorescent perylene liquid crystal with diphenylacrylonitrile groups: Observation of a large pseudo stokes shift based on AIE and FRET effects. <i>Dyes and Pigments</i> , 2017, 147, 343-349.	2.0	29
1996	Marrying multicomponent reactions and aggregation-induced emission (AIE): new directions for fluorescent nanoprobe. <i>Polymer Chemistry</i> , 2017, 8, 5644-5654.	1.9	85
1997	An aluminium-based fluorinated counterion for enhanced encapsulation and emission of dyes in biodegradable polymer nanoparticles. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2309-2316.	3.2	19
1998	Chiral and non-conjugated fluorescent salen ligands: AIE, anion probes, chiral recognition of unprotected amino acids, and cell imaging applications. <i>RSC Advances</i> , 2017, 7, 40640-40649.	1.7	37
1999	Aggregation-induced accelerating peroxidase-like activity of gold nanoclusters and their applications for colorimetric Pb ²⁺ detection. <i>Chemical Communications</i> , 2017, 53, 10160-10163.	2.2	104
2000	A Chiral Recognition System Orchestrated by Self-Assembly: Molecular Chirality, Self-Assembly Morphology, and Fluorescence Response. <i>Angewandte Chemie</i> , 2017, 129, 12692-12696.	1.6	9
2001	Rare earth ions enhanced near infrared fluorescence of Ag ₂ S quantum dots for the detection of fluoride ions in living cells. <i>Nanoscale</i> , 2017, 9, 14031-14038.	2.8	43
2002	Discrete face-to-face stacking of anthracene inducing high-efficiency excimer fluorescence in solids via a thermally activated phase transition. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10061-10067.	2.7	80

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2004	Organic Afterglow Phosphors. <i>SpringerBriefs in Materials</i> , 2017, , 117-151.	0.1	0
2005	Ground-state conformers enable bright single-fluorophore ratiometric thermometers with positive temperature coefficients. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2383-2390.	3.2	18
2006	Synthesis of new chiral fluorescent sensors and their applications in enantioselective discrimination. <i>Tetrahedron Letters</i> , 2017, 58, 3924-3927.	0.7	10
2007	Aggregation-Induced Electrochemiluminescence of Platinum(II) Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 14605-14610.	6.6	262
2008	Theoretical perspective of the excited state intramolecular proton transfer for a compound with aggregation induced emission in the solid phase. <i>RSC Advances</i> , 2017, 7, 44089-44096.	1.7	18
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2010	A red-emitting cationic hyperbranched polymer: facile synthesis, aggregation-enhanced emission, large Stokes shift, polarity-insensitive fluorescence and application in cell imaging. <i>Polymer Chemistry</i> , 2017, 8, 6277-6282.	1.9	26
2011	Rational molecular design of aggregation-induced emission cationic Ir(III) phosphors achieving supersensitive and selective detection of nitroaromatic explosives. <i>Journal of Materials Chemistry C</i> , 2017, 5, 10847-10854.	2.7	40
2012	Self-Assembly Tuning of π -Cyanostilbene Fluorogens: Aggregates to Nanostructures. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22478-22486.	1.5	17
2013	Multi-color photoluminescence induced by electron-density distribution of fluorinated bistolane derivatives. <i>Journal of Fluorine Chemistry</i> , 2017, 202, 54-64.	0.9	26
2014	High-Performance Doping-Free Hybrid White OLEDs Based on Blue Aggregation-Induced Emission Luminogens. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34162-34171.	4.0	66
2015	Synthesis of π -conjugated network polymers based on fluoroarene and fluorescent units via direct arylation polycondensation and their porosity and fluorescent properties. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3862-3867.	2.5	25
2016	Bridge-driven aggregation control in dibenzofulvene-naphthalimide based donor-bridge-acceptor systems: enabling fluorescence enhancement, blue to red emission and solvatochromism. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2590-2598.	3.2	19
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2022	Synthesis, Assembly, and Applications of Hybrid Nanostructures for Biosensing. <i>Chemical Reviews</i> , 2017, 117, 12942-13038.	23.0	258
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2025	Hybrid <i>cis/trans</i> Tetra-arylethenes with Switchable Aggregation-Induced Emission (AIE) and Reversible Photochromism in the Solution, PMMA Film, Solid Powder, and Single Crystal. <i>Journal of Organic Chemistry</i> , 2017, 82, 10960-10967.	1.7	35
2026	Aggregation-induced emission (AIE)-active fluorescent probes with multiple binding sites toward ATP sensing and live cell imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8525-8531.	2.9	88
2027	Molecular Organization Induced Anisotropic Properties of Perylene " Silica Hybrid Nanoparticles. <i>Scientific Reports</i> , 2017, 7, 7842.	1.6	10
2028	Fluorescent organic single crystals with elastic bending flexibility: 1,4-bis(thien-2-yl)-2,3,5,6-tetrafluorobenzene derivatives. <i>Scientific Reports</i> , 2017, 7, 9453.	1.6	63
2029	AIEgens for biological process monitoring and disease theranostics. <i>Biomaterials</i> , 2017, 146, 115-135.	5.7	206
2030	Synthesis and Fluorescent Properties of Tetra- <i>N</i> -Substituted Phthalimides. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1190-1196.	0.8	0
2031	Versatile Donor-Acceptor-Type Aggregation-Enhanced Emission Active Fluorophores as Both Highly Efficient Nondoped Emitter and Excellent Host. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32946-32956.	4.0	40
2032	Understanding the Capsanthin Tails in Regulating the Hydrophilic-Lipophilic Balance of Carbon Dots for a Rapid Crossing Cell Membrane. <i>Langmuir</i> , 2017, 33, 10259-10270.	1.6	27
2033	A thiol probe for measuring unfolded protein load and proteostasis in cells. <i>Nature Communications</i> , 2017, 8, 474.	5.8	116
2034	Novel graphitic carbon coated IF-WS ₂ reinforced poly(ether ether ketone) nanocomposites. <i>RSC Advances</i> , 2017, 7, 35265-35273.	1.7	19
2035	Schiff base derived Fe ³⁺ -selective fluorescence turn-off chemsensors based on triphenylamine and indole: synthesis, properties and application in living cells. <i>RSC Advances</i> , 2017, 7, 36007-36014.	1.7	41
2036	Fabrication of AIE-active fluorescent organic nanoparticles through one-pot supramolecular polymerization and their biological imaging. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 78, 455-461.	2.7	17
2037	Facile fabrication of luminescent polymeric nanoparticles containing dynamic linkages via a one-pot multicomponent reaction: Synthesis, aggregation-induced emission and biological imaging. <i>Materials Science and Engineering C</i> , 2017, 80, 708-714.	3.8	131
2038	Mesoscopic Structural Aspects of Ca ²⁺ -Triggered Polymer Chain Folding of a Tetraphenylethene-Appended Poly(acrylic acid) in Relation to Its Aggregation-Induced Emission Behavior. <i>Macromolecules</i> , 2017, 50, 5940-5945.	2.2	34
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2041	Spectroscopic Investigation and Theoretical Modeling of Benzothiadiazole-Based Charge-Transfer Chromophores: From Solution to Nanoaggregates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17466-17478.	1.5	26
2042	Tunable emission of a tetraphenylethylene copolymer via polymer matrix assisted and aggregation-induced emission. <i>Polymer Chemistry</i> , 2017, 8, 4835-4841.	1.9	25
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2044	Highly Resolved Morphology of Room-Temperature Columnar Liquid Crystals Derived from Triphenylene and Multialkynylbenzene Using Reconstructed Electron Density Maps. <i>ChemistrySelect</i> , 2017, 2, 6070-6077.	0.7	14
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2046	Aggregation-induced emission active luminescent polymeric nanoparticles: Non-covalent fabrication methodologies and biomedical applications. <i>Applied Materials Today</i> , 2017, 9, 145-160.	2.3	158
2047	Highly efficient luminescent E- and Z-isomers with stable configurations under photoirradiation induced by their charge transfer excited states. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8097-8104.	2.7	40
2048	Mechanofluorochromic and thermochromic properties of simple tetraphenylethylene derivatives with fused fluorine containing 1,4-dioxocane rings. <i>Dyes and Pigments</i> , 2017, 146, 323-330.	2.0	17
2049	Robust Red Organic Nanoparticles for In Vivo Fluorescence Imaging of Cancer Cell Progression in Xenografted Zebrafish. <i>Advanced Functional Materials</i> , 2017, 27, 1701418.	7.8	56
2050	Aggregation-Induced Emission Characteristics of Carborane-Functionalized Tetraphenylethylene Luminogens: The Influence of Carborane Cages on Photoluminescence. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2207-2210.	1.7	39
2051	A Chiral Recognition System Orchestrated by Self-Assembly: Molecular Chirality, Self-Assembly Morphology, and Fluorescence Response. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12518-12522.	7.2	51
2052	Palladium-Catalyzed Si-C Bond Formation toward Sila-Annulated Perylene Diimides. <i>Organic Letters</i> , 2017, 19, 4331-4334.	2.4	23
2053	Near-Infrared Triggered Upconversion Polymeric Nanoparticles Based on Aggregation-Induced Emission and Mitochondria Targeting for Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26731-26739.	4.0	104
2054	Electron-density distribution tuning for enhanced thermal stability of luminescent gold complexes. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7977-7984.	2.7	20
2055	Photoactivatable aggregation-induced emission of triphenylmethanol. <i>Chemical Communications</i> , 2017, 53, 11130-11133.	2.2	14
2056	Effect of molecular conformation on the mechanofluorochromic properties based on DDIF. <i>Materials Research Express</i> , 2017, 4, 075101.	0.8	0
2057	Synthesis and properties of a new AIE macrocyclic emitter with triarylamine backbone. <i>Tetrahedron Letters</i> , 2017, 58, 3579-3582.	0.7	6

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2059	Efficient Red-Emissive Organic Crystals with Amplified Spontaneous Emissions Based on a Single Benzene Framework. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12543-12547.	7.2	77
2060	Interfacial Clustering-Triggered Fluorescence-Phosphorescence Dual Solvoluminescence of Metal Nanoclusters. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3980-3985.	2.1	79
2061	Monitoring Early-Stage Protein Aggregation by an Aggregation-Induced Emission Fluorogen. <i>Analytical Chemistry</i> , 2017, 89, 9322-9329.	3.2	63
2062	Recent advances in AIEgen-based luminescent metal-organic frameworks and covalent organic frameworks. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2474-2486.	3.2	136
2063	A highly luminescent entangled metal-organic framework based on pyridine-substituted tetraphenylethene for efficient pesticide detection. <i>Chemical Communications</i> , 2017, 53, 9975-9978.	2.2	154
2064	Aggregation-induced emission in precursors to porous molecular crystals. <i>Chemical Communications</i> , 2017, 53, 10022-10025.	2.2	19
2065	Smart activatable and traceable dual-prodrug for image-guided combination photodynamic and chemo-therapy. <i>Biomaterials</i> , 2017, 144, 53-59.	5.7	73
2066	A new multitasking azine ligand: elastic bending, single-crystal-to-single-crystal transformation and a fluorescence turn-on Al(III) sensor. <i>Chemical Communications</i> , 2017, 53, 9870-9873.	2.2	56
2067	Efficient Red-Emissive Organic Crystals with Amplified Spontaneous Emissions Based on a Single Benzene Framework. <i>Angewandte Chemie</i> , 2017, 129, 12717-12721.	1.6	28
2068	Supramolecular Self-Assembly Bioinspired Synthesis of Luminescent Gold Nanocluster-Embedded Peptide Nanofibers for Temperature Sensing and Cellular Imaging. <i>Bioconjugate Chemistry</i> , 2017, 28, 2224-2229.	1.8	101
2069	Novel tetraphenylethylene diol amphiphile with aggregation-induced emission: self-assembly, cell imaging and tagging property. <i>Materials Science and Engineering C</i> , 2017, 81, 580-587.	3.8	4
2070	Ratiometric fluorescent probe with AIE property for monitoring endogenous hydrogen peroxide in macrophages and cancer cells. <i>Scientific Reports</i> , 2017, 7, 7293.	1.6	23
2071	Understanding the structure-determining solid fluorescence of an azaacene derivative. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8869-8874.	2.7	35
2072	Pyrrrole-based tetra-amide for hydrogen pyrophosphate (HP ₂ O ₇ ³⁻) and F ⁻ ions in sol-gel medium. <i>Supramolecular Chemistry</i> , 2017, 29, 946-952.	1.5	6
2073	Fluorescent Polymer Nanoparticles for Cell Barcoding In Vitro and In Vivo. <i>Small</i> , 2017, 13, 1701582.	5.2	95
2074	Intramolecular charge transfer induced emission from triphenylamine-o-carborane dyads. <i>RSC Advances</i> , 2017, 7, 35543-35548.	1.7	34
2075	An efficient iodide ion chemosensor and a rewritable dual-channel security display material based on an ion responsive supramolecular gel. <i>RSC Advances</i> , 2017, 7, 38210-38215.	1.7	12

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2079	Synthesis of Dicyanovinyl-Substituted 1-(2-Pyridyl)pyrazoles: Design of a Fluorescent Chemosensor for Selective Recognition of Cyanide. <i>Journal of Organic Chemistry</i> , 2017, 82, 13376-13385.	1.7	69
2080	Aggregation-Induced Enhanced Electrochemiluminescence from Organic Nanoparticles of Donor-Acceptor Based Coumarin Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44324-44331.	4.0	54
2081	Pillararene-based fluorescent chemosensors: recent advances and perspectives. <i>Chemical Communications</i> , 2017, 53, 13296-13311.	2.2	154
2082	Tailoring Fluorescence Brightness and Switching of Nanoparticles through Dye Organization in the Polymer Matrix. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43030-43042.	4.0	61
2083	Phosphorescence Control Mediated by Molecular Rotation and Auophilic Interactions in Amphidynamic Crystals of 1,4-Bis[tri-(<i>p</i> -fluorophenyl)phosphane-gold(I)-ethynyl]benzene. <i>Journal of the American Chemical Society</i> , 2017, 139, 18115-18121.	6.6	97
2084	Phenylacrylonitrile-bridging triphenylene dimers: the columnar liquid crystals with high fluorescence in both solid state and solution. <i>RSC Advances</i> , 2017, 7, 53316-53321.	1.7	26
2085	Design of a Hypersensitive pH-Sensory System Created by a Combination of Charge Neutralization and Aggregation-Induced Emission (AIE). <i>Chemistry - A European Journal</i> , 2017, 23, 17663-17666.	1.7	14
2086	Cyclic Triimidazole Derivatives: Intriguing Examples of Multiple Emissions and Ultralong Phosphorescence at Room Temperature. <i>Angewandte Chemie</i> , 2017, 129, 16520-16525.	1.6	23
2087	Cyclic Triimidazole Derivatives: Intriguing Examples of Multiple Emissions and Ultralong Phosphorescence at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16302-16307.	7.2	142
2088	Silica nanoparticles based on an AIE-active molecule for ratiometric detection of RNS <i>in vitro</i> . <i>Journal of Materials Chemistry B</i> , 2017, 5, 9197-9203.	2.9	29
2089	Aggregation-induced emission assembled ultrathin films for white light-emitting diodes. <i>Chemical Communications</i> , 2017, 53, 12676-12679.	2.2	15
2090	Fluorescence enhancement for noble metal nanoclusters. <i>Advances in Colloid and Interface Science</i> , 2017, 250, 25-39.	7.0	100
2091	New phenazine based AIE probes for selective detection of aluminium(III) ions in presence of other trivalent metal ions in living cells. <i>Analyst</i> , 2017, 142, 4721-4726.	1.7	39
2092	Aggregation-induced visible light absorption makes reactant 1,2-diisocyanobenzenes act as photosensitizers in double radical isocyanide insertions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31443-31451.	1.3	6
2093	Modeling the Modulation of Emission Behavior in E/Z Isomers of Dipyrrolyldiphenylethene: From Molecules to Nanoaggregates. <i>Journal of Physical Chemistry C</i> , 2017, 121, 25603-25616.	1.5	17
2094	Triphenylethylenyl-based donor-acceptor donor molecules: studies on structural and optical properties and AIE properties for cyanide detection. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12194-12203.	2.7	53

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2096	A direct crossed polymerization of triphenylamines and cyclohexanones via C=C bond formation: the method and its bioimaging application. <i>New Journal of Chemistry</i> , 2017, 41, 7908-7914.	1.4	2
2097	Biocatalytic Self-Assembly Cascades. <i>Angewandte Chemie</i> , 2017, 129, 6932-6936.	1.6	26
2098	Microwave-assisted multicomponent reactions for rapid synthesis of AIE-active fluorescent polymeric nanoparticles by post-polymerization method. <i>Materials Science and Engineering C</i> , 2017, 80, 578-583.	3.8	141
2099	Efficient and thermally stable non-doped red OLEDs based on a "bird-like" donor-acceptor fluorophore with aggregation induced emission enhancement and intramolecular charge transfer. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7436-7440.	2.7	25
2100	Synthesis, solution and solid-state fluorescence of 2-diethylaminocinchomeric dinitrile derivatives. <i>RSC Advances</i> , 2017, 7, 34886-34891.	1.7	22
2101	Fabrication of Supramolecular n/p-Nanowires via Coassembly of Oppositely Charged Peptide-Chromophore Systems in Aqueous Media. <i>ACS Nano</i> , 2017, 11, 6881-6892.	7.3	56
2102	The K-Region in Pyrenes as a Key Position to Activate Aggregation-Induced Emission: Effects of Introducing Highly Twisted N,N-Dimethylamines. <i>Journal of Organic Chemistry</i> , 2017, 82, 6865-6873.	1.7	46
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2104	Fabrication and biological imaging of polyhedral oligomeric silsesquioxane cross-linked fluorescent polymeric nanoparticles with aggregation-induced emission feature. <i>Applied Surface Science</i> , 2017, 423, 469-475.	3.1	13
2105	Multifunctional Polymeric Micelles for Combining Chelation and Detection of Iron in Living Cells. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700162.	3.9	19
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2108	A new strategy for fabrication of water dispersible and biodegradable fluorescent organic nanoparticles with AIE and ESIPT characteristics and their utilization for bioimaging. <i>Talanta</i> , 2017, 174, 803-808.	2.9	43
2109	Thermostable polymeric nanomicelles of iridium(III) complexes with aggregation-induced phosphorescence emission characteristics and their recyclable double-strand DNA monitoring. <i>Journal of Materials Chemistry B</i> , 2017, 5, 123-133.	2.9	11
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2112	A new aggregation-induced emission active fluorescent probe for sensitive detection of cyanide. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1043-1049.	4.0	49

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2114	Naphthalene-cholesterol conjugate as simple gelator for selective sensing of CN ⁻ ion. <i>Supramolecular Chemistry</i> , 2017, 29, 350-359.	1.5	35
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2117	Introductory lecture: recent research progress on aggregation-induced emission. <i>Faraday Discussions</i> , 2017, 196, 9-30.	1.6	36
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2120	Cellular membrane-anchored fluorescent probe with aggregation-induced emission characteristics for selective detection of Cu ²⁺ ions. <i>Faraday Discussions</i> , 2017, 196, 377-393.	1.6	11
2121	A novel fluorometric turn-on assay for lipase activity based on an aggregation-induced emission (AIE) luminogen. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 765-771.	4.0	43
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2188	Supramolecular Fluorescent Polymers Containing $\hat{\pm}$ -Cyanostilbene-Based Stereoisomers: $\langle i \rangle Z \langle /i \rangle / \langle i \rangle E \langle /i \rangle$ -Isomerization Induced Multiple Reversible Switching. <i>Macromolecules</i> , 2018, 51, 3487-3496.	2.2	47
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2235	Synthesis and X-Ray Crystallographic Characterisation of Frustum-Shaped Ligated [Cu ₁₈ H ₁₆ (DPPE) ₆] ²⁺ and [Cu ₁₆ H ₁₄ (DPPA) ₆] ²⁺ Nanoclusters and Studies on Their H ₂ Evolution Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 2070-2074.	1.7	45
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2237	A fluorescent turn-on probe for cyanide anion detection based on an AIE active cobalt(II) complex. <i>Dalton Transactions</i> , 2018, 47, 2079-2085.	1.6	39
2238	Tailoring the morphology of AIEgen fluorescent nanoparticles for optimal cellular uptake and imaging efficacy. <i>Chemical Science</i> , 2018, 9, 2620-2627.	3.7	32

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2240	Reversible Thermal-Induced Fluorescence Color Change of Tetraphenylethylene-Labeled Nylon. <i>Advanced Optical Materials</i> , 2018, 6, 1701149.	3.6	22
2241	Emission of Pyrene Connected to Benzothiazole Unit via Resonance and Intramolecular Charge Transfer. <i>ChemistrySelect</i> , 2018, 3, 963-967.	0.7	4
2242	A Tetraphenylethene-Based Polymer Array Discriminates Nitroarenes. <i>Macromolecules</i> , 2018, 51, 1345-1350.	2.2	33
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2244	Aggregation-induced-emission-active vinamidinium salts with tunable emissions, reversible mechanochromic response and the application in data-security protection. <i>Dyes and Pigments</i> , 2018, 153, 84-91.	2.0	24
2245	Multi-stimuli-responsive fluorescence of AEE polyurethane films. <i>European Polymer Journal</i> , 2018, 101, 225-232.	2.6	16
2246	Augmenting Photoinduced Charge Transport in a Single-Component Gel System: Controlled In Situ Gel-Crystal Transformation at Room Temperature. <i>Chemistry - A European Journal</i> , 2018, 24, 6217-6230.	1.7	16
2247	In Situ Probing Intracellular Drug Release from Redox-Responsive Micelles by United FRET and AIE. <i>Macromolecular Bioscience</i> , 2018, 18, 1700339.	2.1	27
2248	An AIE-active heteroleptic Ir(III) complex for latent fingerprints detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 840-846.	4.0	30
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2250	Fibrous Crystals of <i>E</i> , <i>E</i> -1,4-Bis(3,5-ditrifluoromethylstyryl)benzene with High Emission Ability. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 444-446.	2.0	4
2251	Thiophene Appended Dual Fluorescent Sensor for Detection of Hg ²⁺ and Cysteamine. <i>Journal of Fluorescence</i> , 2018, 28, 427-437.	1.3	19
2252	Branched triphenylamine luminophores: Aggregation-induced fluorescence emission, and tunable near-infrared solid-state fluorescence characteristics via external mechanical stimuli. <i>Dyes and Pigments</i> , 2018, 151, 140-148.	2.0	40
2253	Novel scorpion-like carbazole derivatives: Synthesis, characterization, mechanochromism and aggregation-induced emission. <i>Dyes and Pigments</i> , 2018, 151, 165-172.	2.0	8
2254	Chemodosimeters and chemoreactands for sensing ferric ions. <i>Supramolecular Chemistry</i> , 2018, 30, 353-383.	1.5	10
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2265	Novel Quercetin Aggregation-Induced Emission Luminogen (AIEgen) with Excited-State Intramolecular Proton Transfer for In Vivo Bioimaging. <i>Advanced Functional Materials</i> , 2018, 28, 1706196.	7.8	100
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2279	Facile construction of luminescent supramolecular assemblies with aggregation-induced emission feature through supramolecular polymerization and their biological imaging. <i>Materials Science and Engineering C</i> , 2018, 85, 233-238.	3.8	12
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2321	A unimolecular theranostic system with H ₂ O ₂ -specific response and AIE-activity for doxorubicin releasing and real-time tracking in living cells. <i>RSC Advances</i> , 2018, 8, 10975-10979.	1.7	24
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2336	D-A type sensor array for differentiation and identification of white wine varieties based on specific solvent effect activated by CT-LE transition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 318-323.	2.0	7
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2343	Tetraphenylethylene-Based AIE-Active Probes for Sensing Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12189-12216.	4.0	408
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2363	Aggregation-induced emission and mechanofluorochromism of tetraphenylbutadiene modified ̢ ² -ketoiminate boron complexes. <i>Dyes and Pigments</i> , 2018, 150, 165-173.	2.0	46
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2512	Detection of Matrix Metalloproteinase 13 for Monitoring Stem Cell Differentiation and Early Diagnosis of Osteoarthritis by Fluorescent Light-Up Probes with Aggregation-Induced Emission Characteristics. <i>Advanced Biology</i> , 2018, 2, 1800010.	3.0	12
2513	A Bifunctional Aggregation-Induced Emission Luminogen for Monitoring and Killing of Multidrug-Resistant Bacteria. <i>Advanced Functional Materials</i> , 2018, 28, 1804632.	7.8	105
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2515	Development of Novel Solid-State Light-Emitting Materials Based on Pentafluorinated Toluene Fluorophores. <i>ACS Omega</i> , 2018, 3, 9105-9113.	1.6	20
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2517	Alkaline phosphatase-responsive fluorescent polymer probe coated surface for colorimetric bacteria detection. <i>European Polymer Journal</i> , 2018, 105, 217-225.	2.6	22
2518	Synthesis of 9,10-distyrylanthracene derivative and its one- and two-photon induced emission in solid state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 361, 62-66.	2.0	4
2519	Aggregation-Induced Emission of Multiphenyl-Substituted 1,3-Butadiene Derivatives: Synthesis, Properties and Application. <i>Chemistry - A European Journal</i> , 2018, 24, 15965-15977.	1.7	30
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2525	Strain, switching and fluorescence behavior of a nine-membered cyclic azobenzene. <i>New Journal of Chemistry</i> , 2018, 42, 10784-10790.	1.4	9
2526	Novel bispillar[5]arene-based AIEgen and its application in mercury(II) detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 139-145.	4.0	63
2527	The environmental-sensitivity of a fluorescent ZTRSCd(ii) complex was applied to discriminate different types of surfactants and determine their CMC values. <i>Chemical Communications</i> , 2018, 54, 6157-6160.	2.2	16
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2531	Facile fabrication of luminescent hyaluronic acid with aggregation-induced emission through formation of dynamic bonds and their theranostic applications. <i>Materials Science and Engineering C</i> , 2018, 91, 201-207.	3.8	54
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2535	A series of terpyridine derivatives for aggregation-induced emission, two-photon absorption and mitochondrial targeting. <i>Dyes and Pigments</i> , 2018, 158, 225-232.	2.0	10
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2540	Luminogen-functionalized mesoporous SBA-15 for fluorescent detection of antibiotic cefalexin. <i>Journal of Materials Research</i> , 2018, 33, 1442-1448.	1.2	4
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2542	<i>In situ</i> generation of photoactivatable aggregation-induced emission probes for organelle-specific imaging. <i>Chemical Science</i> , 2018, 9, 5730-5735.	3.7	57
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2566	AIEgens based on main group heterocycles. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11835-11852.	2.7	96
2567	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.	7.2	171
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2582	Application of amphiphilic fluorophore-derived nanoparticles to provide contrast to human embryonic stem cells without affecting their pluripotency and to monitor their differentiation into neuron-like cells. <i>Acta Biomaterialia</i> , 2018, 78, 274-284.	4.1	12

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2586	A general powder dusting method for latent fingerprint development based on AIEgens. <i>Science China Chemistry</i> , 2018, 61, 966-970.	4.2	46
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2589	A fluorescence and UV/vis absorption dual-signaling probe with aggregation-induced emission characteristics for specific detection of cysteine. <i>RSC Advances</i> , 2018, 8, 24346-24354.	1.7	26
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2593	Recent Developments in AIEgens for Non-doped and TADF OLEDs. <i>Israel Journal of Chemistry</i> , 2018, 58, 874-888.	1.0	41
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2603	Engineering Organelle-Specific Molecular Viscosimeters Using Aggregation-Induced Emission Luminogens for Live Cell Imaging. <i>Analytical Chemistry</i> , 2018, 90, 8736-8741.	3.2	73
2604	Single Component Polymerization of Diisocyanacetates toward Polyimidazoles. <i>Macromolecules</i> , 2018, 51, 5638-5645.	2.2	17
2605	Inkjet-Printed Photoluminescent Patterns of Aggregation-Induced-Emission Chromophores on Surface-Anchored Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25754-25762.	4.0	23
2606	Receptor-Free Detection of Picric Acid: A New Structural Approach for Designing Aggregation-Induced Emission Probes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27260-27268.	4.0	55
2607	5,12-Diacetyl-5,12-dihydroquinoxalino[2,3-b]quinoxalines: Solid-State Fluorescence, AIE Properties, and Orbital Switching by Substituent Effect. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1683-1687.	1.7	6
2608	Colorimetric and fluorometric turn-on sensor for selective detection of fluoride ions: sol-gel transition studies and theoretical insights. <i>New Journal of Chemistry</i> , 2018, 42, 10406-10413.	1.4	7
2609	Opposite mechanoluminescence behavior of two isomers with different linkage positions. <i>Chemical Communications</i> , 2018, 54, 5598-5601.	2.2	67
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2611	Multiple Hydrogen Bonds Promoted ESIPT and AIE-active Chiral Salicylaldehyde Hydrazone. <i>Chinese Journal of Chemistry</i> , 2018, 36, 698-707.	2.6	32
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2613	Recent progress in background-free latent fingerprint imaging. <i>Nano Research</i> , 2018, 11, 5499-5518.	5.8	77
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2621	Aggregation-Induced Emission in Organic Nanoparticles: Properties and Applications: a Review. <i>Theoretical and Experimental Chemistry</i> , 2018, 54, 147-177.	0.2	10
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2635	pH-Controlled Self-Assembly of X-Shaped Conjugated Molecules: The Case of 1,2,4,5-Tetrastrylbenzene. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19937-19945.	1.5	6
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2638	Fluorescence of Nonaromatic Organic Systems and Room Temperature Phosphorescence of Organic Luminogens: The Intrinsic Principle and Recent Progress. <i>Small</i> , 2018, 14, e1801560.	5.2	204
2639	Azo and imine functionalized 2-naphthols: promising supramolecular gelators for selective detection of Fe ³⁺ and Cu ²⁺ , reactive oxygen species and halides. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1866-1875.	3.2	38
2640	Ferrocene-appended donor-acceptor Schiff base: Structural, nonlinear optical, aggregation-induced emission and density functional theory studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4522.	1.7	29
2641	Fluorene Dyes. , 2018, , 153-164.		2
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2779	The Biological Applications of Two Aggregation-Induced Emission Luminogens. <i>Biotechnology Journal</i> , 2019, 14, e1900212.	1.8	7
2780	Regioisomeric BODIPY Benzodithiophene Dyads and Triads with Tunable Red Emission as Ratiometric Temperature and Viscosity Sensors. <i>Chemistry - A European Journal</i> , 2019, 25, 14870-14880.	1.7	28

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2782	A Novel Aggregation-Induced Emission Luminogen Based Molecularly Imprinted Fluorescence Sensor for Ratiometric Determination of Rhodamine B in Food Samples. <i>ChemistrySelect</i> , 2019, 4, 11256-11261.	0.7	10
2783	Disorder-specific dysfunction in dorsal anterior cingulate cortex and parietal cortex during cognitive reappraisal in anxiety disorder [Letter]. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2299-2300.	1.0	2
2784	Aggregation-Induced Fluorescence of Carbazole and o-Carborane Based Organic Fluorophore. <i>Frontiers in Chemistry</i> , 2019, 7, 768.	1.8	13
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2787	An AIEgen-based luminescent photo-responsive system used as concealed anti-counterfeit material. <i>Journal of Luminescence</i> , 2019, 216, 116750.	1.5	13
2788	Iodocarbocyclization to Access Six- and Seven-Membered Phosphacycles from Phosphoryl-Linked Alkynes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6369-6376.	1.2	15
2789	2,3-Di(thiophen-2-yl)quinoxaline Amine Derivatives: Yellow-Blue Fluorescent Materials for Applications in Organic Electronics. <i>ChemistrySelect</i> , 2019, 4, 10021-10032.	0.7	16
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2793	The synthetic strategies of metal-organic framework membranes, films and 2D MOFs and their applications in devices. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21004-21035.	5.2	94
2794	Precision Cancer Theranostic Platform by In Situ Polymerization in Perylene Diimide-Hybridized Hollow Mesoporous Organosilica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2019, 141, 14687-14698.	6.6	105
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2796	Tetrabenzo[5.7]fulvalene: a forgotten aggregation induced-emission luminogen. <i>Chemical Communications</i> , 2019, 55, 11591-11594.	2.2	15
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2805	Fluorescent chemodosimeters for fluoride ions via silicon-fluorine chemistry: 20 years of progress. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11731-11746.	2.7	48
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2807	Thioarylmaleimides: accessible, tunable, and strongly emissive building blocks. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9562-9566.	1.5	12
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2812	An antipyrene based fluorescence “turn-on” dual sensor for Zn ²⁺ and Al ³⁺ and its selective fluorescence “turn-off” sensing towards 2,4,6-trinitrophenol (TNP) in the aggregated state. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2717-2729.	1.6	39
2813	Synthesis and Aggregation Studies of a Pyridothiazole-Based AIEE Probe and Its Application in Sensing Amyloid Fibrillation. <i>ACS Applied Bio Materials</i> , 2019, 2, 4442-4455.	2.3	31
2814	Regulation of Singlet and Triplet Excitons in a Single Emission Layer: Efficient Fluorescent/Phosphorescent Hybrid White Organic Light-Emitting Diodes. <i>ACS Omega</i> , 2019, 4, 15030-15042.	1.6	16
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2818	Ultrasensitive detection of aqueous Cu^{2+} ions by a coumarin-salicylidene based AIEgen. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2437-2447.	3.2	48
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2825	Reversible mechanochromism and aggregation induced enhanced emission in phenothiazine substituted tetraphenylethylene. <i>New Journal of Chemistry</i> , 2019, 43, 16156-16163.	1.4	45
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2828	Recent advances in luminescent metal-organic frameworks for chemical sensors. <i>Science China Materials</i> , 2019, 62, 1655-1678.	3.5	132
2829	A multifunctional quinoxalin-based AIEgen used for fluorescent thermo-sensing and image-guided photodynamic therapy. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127139.	4.0	27
2830	Lysosome-Targeting Red-Emitting Aggregation-Induced Emission Probe with Large Stokes Shift for Light-Up <i>in Situ</i> Visualization of $\text{I}^2\text{-N}$ -Acetylhexosaminidase. <i>Analytical Chemistry</i> , 2019, 91, 12611-12614.	3.2	42
2831	A New Strategy of Design and Development of Aggregation-Induced Emission Materials Based on a Deep Insight into Mechanism. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29379-29385.	1.5	4
2832	Luminescent metal-organic frameworks as potential sensory materials for various environmental toxic agents. <i>Coordination Chemistry Reviews</i> , 2019, 401, 213065.	9.5	173
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2838	Molecular design of near-infrared fluorescent Pdots for tumor targeting: aggregation-induced emission versus anti-aggregation-caused quenching. <i>Chemical Science</i> , 2019, 10, 198-207.	3.7	57
2839	Brønsted acid-catalyzed aromatic annulation of alkoxyallenes with naphthols: a reaction sequence to larger π -conjugated naphthopyrans with aggregation-induced emission characters. <i>Chemical Science</i> , 2019, 10, 1070-1074.	3.7	14
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2841	Development of organic semiconducting materials for deep-tissue optical imaging, phototherapy and photoactivation. <i>Chemical Society Reviews</i> , 2019, 48, 38-71.	18.7	917
2842	A two-photon AI Egen for simultaneous dual-color imaging of atherosclerotic plaques. <i>Materials Horizons</i> , 2019, 6, 546-553.	6.4	49
2843	Aggregation-induced emission: fundamental understanding and future developments. <i>Materials Horizons</i> , 2019, 6, 428-433.	6.4	564
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2845	A diphenylacrylonitrile conjugated porphyrin with near-infrared emission by AI Egen-FRET. <i>New Journal of Chemistry</i> , 2019, 43, 3317-3322.	1.4	11
2846	Influence of halogen substitution on aggregation-induced near infrared emission of boron difluoride complexes of 2- α -hydroxychalcones. <i>Materials Chemistry Frontiers</i> , 2019, 3, 86-92.	3.2	9
2847	Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2283-2290.	2.7	78
2848	Rational design and facile preparation of maleimide-based functional materials for imaging and optoelectronic applications. <i>Materials Chemistry Frontiers</i> , 2019, 3, 571-578.	3.2	16
2849	Reversible Specific Vapoluminescence Behavior in Pure Organic Crystals through Hydrogen Bonding Docking Strategy. <i>Advanced Optical Materials</i> , 2019, 7, 1801549.	3.6	37
2850	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. <i>Angewandte Chemie</i> , 2019, 131, 4584-4588.	1.6	14
2851	Spontaneous and Fast Molecular Motion at Room Temperature in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4536-4540.	7.2	87
2852	Enhancement of photostability and fluorescence quantum yield of DXP in solid state by using mixed solvent. <i>Chemical Physics Letters</i> , 2019, 717, 119-123.	1.2	1

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2854	Near-Infrared (NIR) Organic Light-Emitting Diodes (OLEDs): Challenges and Opportunities. <i>Advanced Functional Materials</i> , 2019, 29, 1807623.	7.8	371
2855	Imaging Macrophage Phagocytosis Using AIE Luminogen-Labeled <i>E. coli</i> . <i>Chemistry - an Asian Journal</i> , 2019, 14, 775-780.	1.7	13
2856	Aggregation-induced emission (AIE)-active highly emissive novel carbazole-based dyes with various solid-state fluorescence and reversible mechanofluorochromism characteristics. <i>Dyes and Pigments</i> , 2019, 164, 390-397.	2.0	50
2857	Naphthalimide-arylamine derivatives with aggregation induced delayed fluorescence for realizing efficient green to red electroluminescence. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2886-2897.	2.7	35
2858	Reversible Isomerizations between 1,4-Digermabenzene and 1,4-Digerm-Dewar-benzene: Air-Stable Activators for Small Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 2263-2267.	6.6	39
2859	Towards red-light <i>o</i> -carborane derivatives with both aggregation induced emission and thermally activated delayed fluorescence combining quantum chemistry calculation with molecular dynamics simulation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2699-2709.	2.7	23
2860	Stoichiometry-controlled inversion of circularly polarized luminescence in co-assembly of chiral gelators with an achiral tetraphenylethylene derivative. <i>Chemical Communications</i> , 2019, 55, 2194-2197.	2.2	50
2861	Migratory Shift in Oxidative Cyclodehydrogenation Reaction of Tetraphenylethylenes Containing Electron-Rich THDTAP Moiety. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1860-1869.	1.7	7
2862	Efficient Non-doped Blue Fluorescent Organic Light-Emitting Diodes Based on Anthracene-Triphenylethylene Derivatives. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1004-1012.	1.7	18
2863	A Smart Fluorescent Probe Based on Salicylaldehyde Schiff's Base with AIE and ESIPT Characteristics for the Detection of NH ₃ and ClO ₂ ⁻ . <i>Journal of Fluorescence</i> , 2019, 29, 399-406.	1.3	34
2864	Low-Threshold Organic Lasers Based on Single-Crystalline Microribbons of Aggregation-Induced Emission Luminogens. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 679-684.	2.1	22
2865	A trigonal molecular assembly system with the dual light-driven functions of phase transition and fluorescence switching. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2276-2282.	2.7	15
2866	Aggregation-induced emission tetraphenylethylene type derivatives for blue tandem organic light-emitting diodes. <i>Organic Electronics</i> , 2019, 67, 279-286.	1.4	16
2867	AIE active fluorescent organic nanoaggregates for selective detection of phenolic-nitroaromatic explosives and cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 374, 194-205.	2.0	43
2868	Highly selective CHEF-type chemosensor for lutetium (III) recognition in semi-aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 32-39.	2.0	19
2869	Designing redder and brighter fluorophores by synergistic tuning of ground and excited states. <i>Chemical Communications</i> , 2019, 55, 2537-2540.	2.2	40
2870	A new carbazole-based colorimetric and fluorescent sensor with aggregation induced emission for detection of cyanide anion. <i>Dyes and Pigments</i> , 2019, 164, 165-173.	2.0	63

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2872	A conjugated carbon-dot-tyrosinase bioprobe for highly selective and sensitive detection of dopamine. <i>Analyst</i> , The, 2019, 144, 468-473.	1.7	50
2873	Two aggregation-induced emission (AIE)-active reaction-type probes: for real-time detecting and imaging of superoxide anions. <i>Analyst</i> , The, 2019, 144, 536-542.	1.7	30
2874	From aggregation-induced to solution emission: a new strategy for designing ratiometric fluorescent probes and its application for <i>in vivo</i> HClO detection. <i>Analyst</i> , The, 2019, 144, 1696-1703.	1.7	27
2875	Aggregation-induced emission (AIE)-active molecules bearing singlet oxygen generation activities: the tunable singlet-triplet energy gap matters. <i>Chemical Communications</i> , 2019, 55, 1450-1453.	2.2	39
2876	A tripodal supramolecular sensor to successively detect picric acid and CN ^{•-} through guest competitive controlled AIE. <i>New Journal of Chemistry</i> , 2019, 43, 2030-2036.	1.4	34
2877	Imidazole-containing cyanostilbene-based molecules with aggregation-induced emission characteristics: photophysical and electroluminescent properties. <i>New Journal of Chemistry</i> , 2019, 43, 1844-1850.	1.4	24
2878	A 1,8-naphthalimide-pyridoxal conjugate as a supramolecular gelator for colorimetric read out of F ⁺ ions in solution, gel and solid states. <i>New Journal of Chemistry</i> , 2019, 43, 2718-2725.	1.4	24
2879	An <i>o</i> -phthalimide-based multistimuli-responsive aggregation-induced emission (AIE) system. <i>Materials Chemistry Frontiers</i> , 2019, 3, 50-56.	3.2	59
2880	Systematic oligoaniline-based derivatives: ACQ-AIE conversion with a tunable insertion effect and quantitative fluorescence on-off-detection of BSA. <i>Materials Chemistry Frontiers</i> , 2019, 3, 331-338.	3.2	36
2881	A water-soluble two-dimensional supramolecular organic framework with aggregation-induced emission for DNA affinity and live-cell imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1435-1441.	2.9	40
2882	AIE active piperazine appended naphthalimide-BODIPYs: photophysical properties and applications in live cell lysosomal tracking. <i>Analyst</i> , The, 2019, 144, 331-341.	1.7	18
2883	Highly efficient luminescent benzoylimino derivative and fluorescent probe from a photochemical reaction of imidazole as an oxygen sensor. <i>Chemical Communications</i> , 2019, 55, 977-980.	2.2	29
2884	Rhodamine-naphthalimide demonstrated a distinct aggregation-induced emission mechanism: elimination of dark-states via dimer interactions (EDDI). <i>Chemical Communications</i> , 2019, 55, 1446-1449.	2.2	32
2885	Bromine-bromine interactions enhanced plasticity for the bending of a single crystal without affecting fluorescent properties. <i>CrystEngComm</i> , 2019, 21, 589-593.	1.3	9
2886	Aggregation-caused quenching versus crystallization induced emission in thiazolo[5,4- <i>b</i>]thieno[3,2- <i>e</i>]pyridine (TTP) derivatives: theoretical insights. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 46-56.	1.3	39
2887	Bright AIEgen-Protein Hybrid Nanocomposite for Deep and High-Resolution In Vivo Two-Photon Brain Imaging. <i>Advanced Functional Materials</i> , 2019, 29, 1902717.	7.8	56
2888	<i>Endo</i> - and <i>Exo</i> -Functionalized Tetraphenylethylene M ₁₂ L ₂₄ Nanospheres: Fluorescence Emission inside a Confined Space. <i>Journal of the American Chemical Society</i> , 2019, 141, 9673-9679.	6.6	103

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2890	Anthracene based AI Egen for picric acid detection in real water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 220, 117144.	2.0	17
2891	Surfactant modulation effect on the fluorescence emission of a dual-fluorophore: Realizing a single discriminative sensor for identifying different proteins in aqueous solutions. <i>Sensors and Actuators B: Chemical</i> , 2019, 295, 168-178.	4.0	13
2892	Aggregation-Induced Emission Supramolecular Organic Framework (AIE SOF) Gels Constructed from Supramolecular Polymer Networks Based on Tripodal Pillar[5]arene for Fluorescence Detection and Efficient Removal of Various Analytes. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	18
2893	Squaramide-Naphthalimide Conjugates as "Turn-On" Fluorescent Sensors for Bromide Through an Aggregation-Disaggregation Approach. <i>Frontiers in Chemistry</i> , 2019, 7, 354.	1.8	21
2894	Coumarin based yellow emissive AIEE active probe: A colorimetric sensor for Cu ²⁺ and fluorescent sensor for picric acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117201.	2.0	33
2895	Highly selective Fe ³⁺ and F ⁻ /H ₂ PO ₄ ⁻ sensor based on a water-soluble cationic pillar[5]arene with aggregation-induced emission characteristic. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 221, 117215.	2.0	20
2896	Synthesis of a series of ethylene glycol modified water-soluble tetrameric TPE-amphiphiles with pyridinium polar heads: Towards applications as light-up bioprobes in protein and DNA assay, and wash-free imaging of bacteria. <i>Tetrahedron</i> , 2019, 75, 3722-3732.	1.0	11
2897	Large Stokes-shift AIE fluorescent materials for high-performance luminescent solar concentrators. <i>Organic Electronics</i> , 2019, 73, 226-230.	1.4	37
2898	Synthesis, crystal structure, photoluminescence, and electroluminescence properties of a new compound containing diphenylmethylen, carbazole, and malononitrile units. <i>Journal of Materials Research</i> , 2019, 34, 3000-3010.	1.2	1
2899	Small fluorescent albumin nanoparticles for targeted photothermal therapy via albumin-Binding protein pathways. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 696-704.	2.5	7
2900	Planar plasmonic nanocavity for efficient enhancement of photoluminescence of molecular emitters. <i>Optical Materials</i> , 2019, 94, 348-355.	1.7	6
2901	Encapsulation and Protection of Ultrathin Two-Dimensional Porous Organic Nanosheets within Biocompatible Metal-Organic Frameworks for Live-Cell Imaging. <i>Chemistry of Materials</i> , 2019, 31, 4897-4912.	3.2	23
2902	Organic nanoparticles with ultrahigh stimulated emission depletion efficiency for low-power STED nanoscopy. <i>Nanoscale</i> , 2019, 11, 12990-12996.	2.8	16
2903	A New Strategy toward "Simple" Water-Soluble AIE Probes for Hypoxia Detection. <i>Advanced Functional Materials</i> , 2019, 29, 1903278.	7.8	58
2904	Aggregation-induced emission: right there shining. <i>Science China Materials</i> , 2019, 62, 1227-1235.	3.5	27
2905	Crystal structure of 2,3-diphenyl-5,6-bis(4-methoxyphenyl)pyrazine, C ₃₀ H ₂₄ N ₂ O ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 317-319.	0.1	0
2906	Photoactive Boron-Nitrogen-Carbon Hybrids: From Azo-borazines to Polymeric Materials. <i>Journal of Organic Chemistry</i> , 2019, 84, 9101-9116.	1.7	13

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2908	Design, synthesis, crystal structures, and photophysical properties of tetraphenylethene-based quinoline derivatives. <i>Dyes and Pigments</i> , 2019, 171, 107657.	2.0	9
2909	Terpyridine-based complex nanofibers with Eu ³⁺ as a highly selective chemical probes for UO ₂ ²⁺ . <i>Journal of Hazardous Materials</i> , 2019, 378, 120713.	6.5	10
2910	Hybrid drug nanocrystals. <i>Advanced Drug Delivery Reviews</i> , 2019, 143, 115-133.	6.6	79
2911	Water-soluble metal nanoclusters: recent advances in molecular-level exploration and biomedical applications. <i>Dalton Transactions</i> , 2019, 48, 10385-10392.	1.6	30
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2915	Rapid-Response and Highly Sensitive Boronate Derivative-Based Fluorescence Probe for Detecting H ₂ O ₂ in Living Cells. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-12.	0.7	7
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2923	A Solution-processable <i>meso</i> -Phenyl-BODIPY-Based <i>n</i> -Channel Semiconductor with Enhanced Fluorescence Emission. <i>ChemPlusChem</i> , 2019, 84, 1423-1431.	1.3	14
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2933	Dual sites fluorescence probe for H ₂ S and Hg ²⁺ with "AIE transformers" function. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126670.	4.0	26
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2939	Two-photon AIE probe conjugated theranostic nanoparticles for tumor bioimaging and pH-sensitive drug delivery. <i>Nano Research</i> , 2019, 12, 1703-1712.	5.8	25
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2967	Differentiating Silver Nanoparticles and Ions in Medaka Larvae by Coupling Two Aggregation-Induced Emission Fluorophores. <i>Environmental Science & Technology</i> , 2019, 53, 5895-5905.	4.6	19
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2980	A fluorescent probe for Cd ²⁺ detection based on the aggregation-induced emission enhancement of aqueous Zn ²⁺ –Ag ⁺ –In ³⁺ –S quantum dots. <i>Analytical Methods</i> , 2019, 11, 2559-2564.	1.3	23
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2982	Access to Multifunctional AEEgens via Ru(II)-Catalyzed Quinoxaline-Directed Oxidative Annulation. <i>ACS Omega</i> , 2019, 4, 5565-5577.	1.6	24
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2984	Pure <i>E/Z</i> isomers of <i>N</i> -methylpyrrole-benzohydrazide-based BF ₂ complexes: remarkable aggregation-, crystallization-induced emission switching properties and application in sensing intracellular pH microenvironment. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4533-4542.	2.7	20
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3019	Diphenylaminostyryl-substituted quinolinium derivatives as fluorescent light-up probes for duplex and quadruplex DNA. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1373-1381.	1.6	20
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3021	Hydrazide-Hydrazone Small Molecules as AIEgens: Illuminating Mitochondria in Cancer Cells. <i>Chemistry - A European Journal</i> , 2019, 25, 8229-8235.	1.7	26
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3034	Substituent effects of AIE-active β -cyanostilbene-containing triphenylamine derivatives on electrofluorochromic behavior. <i>Nanoscale</i> , 2019, 11, 8597-8603.	2.8	38
3035	Franck-Condon Blockade and Aggregation-Modulated Conductance in Molecular Devices Using Aggregation-Induced Emission-Active Molecules. <i>Angewandte Chemie</i> , 2019, 131, 6012-6016.	1.6	6
3036	Intramolecular Phosphacyclization: Polyaromatic Phosphonium β -Heterocycles with Wide-Tuning Optical Properties. <i>Chemistry - A European Journal</i> , 2019, 25, 6332-6341.	1.7	38
3037	Selective ratiometric fluorescence detection of hypochlorite by using aggregation-induced emission dots. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1979-1988.	1.9	17
3038	Aggregation-induced Emission-active Hyperbranched Poly(tetrahydropyrimidine)s Synthesized from Multicomponent Tandem Polymerization. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 428-436.	2.0	28
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3040	Advances in Light-Emitting Dendrimers. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800711.	2.0	33
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3042	A fluorescent sensor for folic acid based on crown ether-bridged bis-tetraphenylethylene. <i>Analyst</i> , 2019, 144, 2662-2669.	1.7	37
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3130	Guest-Triggered Aggregation-Induced Emission in Silver Chalcogenolate Cluster Metal-Organic Frameworks. <i>Advanced Science</i> , 2019, 6, 1801304.	5.6	120
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3172	Achieving Amorphous Ultralong Room Temperature Phosphorescence by Coassembling Planar Small Organic Molecules with Polyvinyl Alcohol. <i>Advanced Functional Materials</i> , 2019, 29, 1807243.	7.8	147
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3556	Relationship between particle size and lung retention time of intact solid lipid nanoparticle suspensions after pulmonary delivery. <i>Journal of Controlled Release</i> , 2020, 325, 206-222.	4.8	33
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3558	Turn-on and color-switchable red luminescent liquid crystals based on pyrrolopyrrole derivatives. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11177-11184.	2.7	15
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3567	Aggregation-Induced Intersystem Crossing: Rational Design for Phosphorescence Manipulation. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2238-2244.	1.2	29
3568	Direct micro-scale monitoring of molecular aggregation, its growth and diffusion via aggregation-induced emission. <i>Soft Matter</i> , 2020, 16, 2664-2668.	1.2	2
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3701	More is better: aggregation induced luminescence and exceptional chirality and circularly polarized luminescence of chiral gold clusters. <i>Materials Chemistry Frontiers</i> , 2021, 5, 368-374.	3.2	21
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3703	Diels-Alder Polymer Networks with Temperature-Reversible Cross-Linking-Induced Emission. <i>Angewandte Chemie</i> , 2021, 133, 335-341.	1.6	22
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3845	Research Advances in Excited State Intramolecular Proton Transfer Fluorescent Probes Based on Combined Fluorescence Mechanism. <i>Chinese Journal of Analytical Chemistry</i> , 2021, 49, 184-196.	0.9	18
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3859	Reviewâ€‘Aggregation-Induced Emission in Carbon Dots for Potential Applications. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 021001.	0.9	29
3860	Detecting Cu ²⁺ and H ₂ O in methanol based on aggregation-induced emission fluorescent enhancement. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1284-1297.	0.8	3
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3966	Bipolar Aggregation-Induced Electrochemiluminescence of Thiophene-Fused Conjugated Microporous Polymers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28782-28789.	4.0	23
3967	Rational Design of Crystallization-Induced Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. <i>Angewandte Chemie</i> , 2021, 133, 16203-16212.	1.6	4
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4597	Encapsulation of AIEgens within Metal-Organic Framework toward High-Performance White Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	9
4598	Photophysical properties regulation and applications of BODIPY-based derivatives with electron donor-acceptor system. <i>Results in Chemistry</i> , 2022, 4, 100384.	0.9	1
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4602	Hydrazone-linked luminescent covalent organic frameworks based on AIE-active unit for acid vapour sensing. <i>Dyes and Pigments</i> , 2022, 204, 110464.	2.0	15
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4657	Nonconventional 1,8-Diazafluoren-9-One Aggregates for Green Light Enhancement in Hybrid Biocompatible Media. <i>Materials</i> , 2022, 15, 5012.	1.3	0
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4698	D-A type dicyanoethylenes modified by carbazole: Obvious aggregation-induced emission enhancement and high-contrast mechanofluorochromism. <i>Journal of Luminescence</i> , 2022, 252, 119323.	1.5	5
4699	Multi-stimuli responsive fluorescence switching behaviours of AIE polymers for acid-base vapour sensing and highly sensitive ferric ion detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 372, 132634.	4.0	10

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4707	Fluorescence enhancement via structural rigidification inside a self-assembled Pd ₄ molecular vessel. <i>Chemical Communications</i> , 2022, 58, 11390-11393.	2.2	5
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4719	Synthesis and Properties of Novel Circularly Polarized Luminescence Materials Based on Binaphthol Skeleton. <i>Acta Chimica Sinica</i> , 2022, 80, 929.	0.5	0
4720	Recent progress in imidazole based efficient near ultraviolet/blue hybridized local charge transfer (HLCT) characteristic fluorophores for organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2022, 10, 16173-16217.	2.7	23
4721	A highly sensitive fluorescent sensor for ammonia detection based on aggregation-induced emission luminogen-doped liquid crystals. <i>Soft Matter</i> , 2022, 18, 7662-7669.	1.2	1
4722	A Simple ESIPT Combines AIE Character 'Turn On' Fluorescent Probe for Hcy/Cys/GSH Detection and Cell Imaging Based on Coumarin Unit. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4723	White light emission generated by two stacking patterns of a single organic molecular crystal. <i>Materials Advances</i> , 2022, 3, 6466-6473.	2.6	3
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4861	Conjugating Coumarin with Tetraphenylethylene to Achieve Dual-State Emission for Reversible Mechanofluorochromism and Live Cell Imaging. <i>Chemistry - A European Journal</i> , 2023, 29, .	1.7	9

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4863	A bifunctional TPE-based fluorescent sensor for liquid viscosity and amyloid β^2 measurements. <i>New Journal of Chemistry</i> , 0, , .	1.4	0
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4982	Tetraphenylethene-Based <i>cis/trans</i> Isomers for Targeted Fluorescence Sensing and Biomedical Applications. <i>Chemistry - A European Journal</i> , 2023, 29, .	1.7	5
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