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**Aggregation-induced emission: phenomenon, mechanism and applications**

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#	Paper	IF	Citations
2344	ChemInform Abstract: Aggregation-Induced Emission: Phenomenon, Mechanism and Applications. <b>2009</b> , 40, no		3
2343	Structural Modulation of Solid-State Emission of 2,5-Bis(trialkylsilylethynyl)-3,4-diphenylsiloles. <b>2009</b> , 121, 7744-7747		41
2342	Structural modulation of solid-state emission of 2,5-bis(trialkylsilylethynyl)-3,4-diphenylsiloles. <b>2009</b> , 48, 7608-11		197
2341	Luminogenic Polyacetylenes and Conjugated Polyelectrolytes: Synthesis, Hybridization with Carbon Nanotubes, Aggregation-Induced Emission, Superamplification in Emission Quenching by Explosives, and Fluorescent Assay for Protein Quantitation. <b>2009</b> , 42, 9400-9411		116
2340	Exploration of Effective Catalysts for Diyne Polycyclotrimerization, Synthesis of an Ester-Functionalized Hyperbranched Polyphenylene, and Demonstration of Its Utility as a Molecular Container with Implication for Controlled Drug Delivery. <b>2009</b> , 42, 7367-7378		23
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2338	Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission of BODIPY Derivatives. <b>2009</b> , 113, 15845-15853		699
2337	Luminescent and Axially Chiral $\pi$ -Conjugated Polymers Linked by Carboranes in the Main Chain. <b>2009</b> , 42, 9238-9242		111
2336	A fluorescence "turn-on" ensemble for acetylcholinesterase activity assay and inhibitor screening. <b>2009</b> , 11, 4014-7		101
2335	Dye-Condensed Biopolymeric Hybrids: Chromophoric Aggregation and Self-Assembly toward Fluorescent Bionanoparticles for Near Infrared Bioimaging. <b>2009</b> , 21, 5819-5825		81
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2333	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. <b>2010</b> , 20, 1858		751
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2329	Hyperbranched Conjugated Polysiloles: Synthesis, Structure, Aggregation-Enhanced Emission, Multicolor Fluorescent Photopatterning, and Superamplified Detection of Explosives. <b>2010</b> , 43, 4921-4936		196
2328	Label-free fluorescence detection of mercury(II) and glutathione based on Hg <sup>2+</sup> -DNA complexes stimulating aggregation-induced emission of a tetraphenylethene derivative. <b>2010</b> , 135, 3002-7		85

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2322	New ferrocenyl derivative with controllable aggregation-induced emission (AIE) characteristics. <b>2010</b> , 5, 241-246	2
2321	1,4,7,10-Tetraisoalkyltetracenes: Tuning of Solid-State Optical Properties and Fluorescence Quantum Yields by Peripheral Modulation. <b>2010</b> , 2010, 3033-3040	33
2320	Metal-Free Alkyne Polyhydrothiolation: Synthesis of Functional Poly(vinylsulfide)s with High Stereoregularity by Regioselective Thiolclick Polymerization. <b>2010</b> , 20, 1319-1328	76
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2308	Self-crystallization of C(70) cubes and remarkable enhancement of photoluminescence. <b>2010</b> , 49, 9670-5	79
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2305	Aromatic Ring-Fused Carborane-Based Luminescent $\pi$ -Conjugated Polymers. <b>2010</b> , 31, 1389-94	42
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2240	Supramolecular luminescent system based on 2-cyano-3(4-(diphenylamino)phenyl) acrylic acid: Chiral luminescent host for selective CH <sub>3</sub> CN sensor. <b>2011</b> , 13, 6706		15
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2234	A graphene oxide-based AIE biosensor with high selectivity toward bovine serum albumin. <i>Chemical Communications</i> , <b>2011</b> , 47, 12385-7	5.8	130
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2231	Highly photoluminescent nanocrystals based on a gold(I) complex and their electrophoretic patterning. <b>2011</b> , 27, 10947-52		9
2230	Regioselective Alkyne Polyhydrosilylation: Synthesis and Photonic Properties of Poly(silylenevinylene)s. <b>2011</b> , 44, 5977-5986		44
2229	Turn-on fluorescence in tetraphenylethylene-based metal-organic frameworks: an alternative to aggregation-induced emission. <b>2011</b> , 133, 20126-9		533
2228	Hydrogen Bonds and Enhanced Aggregation Emission of Organic and Polymeric Fluorophores with Alternative Fluorene and Naphthol Units. <b>2011</b> , 115, 12358-12366		40
2227	Near-Infrared Solid-State Emitters Based on Isophorone: Synthesis, Crystal Structure and Spectroscopic Properties. <b>2011</b> , 23, 862-873		100
2226	High Solid-State Efficiency Fluorescent Main Chain Liquid Crystalline Polytriazoles with Aggregation-Induced Emission Characteristics. <b>2011</b> , 44, 9618-9628		75
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2224	Role of Molecular Packing in Determining Solid-State Optical Properties of $\pi$ -Conjugated Materials. <b>2011</b> , 2, 863-73		281
2223	Comparative Time-Resolved Study of Two Aggregation-Induced Emissive Molecules. <b>2011</b> , 115, 16150-16154		40
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2207	High hole mobility of 1,2-bis[4'-(diphenylamino)biphenyl-4-yl]-1,2-diphenylethene in field effect transistor. <i>Chemical Communications</i> , <b>2011</b> , 47, 6924-6	5.8	46
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2193	Piezofluorochromic properties and mechanism of an aggregation-induced emission enhancement compound containing N-hexyl-phenothiazine and anthracene moieties. <b>2011</b> , 115, 7606-11		246
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2187	Polyhedral boron clusters in materials science. <b>2011</b> , 35, 1955		135
2186	New sensing mechanisms for design of fluorescent chemosensors emerging in recent years. <b>2011</b> , 40, 3483-95		1390
2185	Carbazole-based cyano-stilbene highly fluorescent microcrystals. <b>2011</b> , 27, 1573-80		64
2184	Ultrasound-induced emission enhancement based on structure-dependent homo- and heterochiral aggregations of chiral binuclear platinum complexes. <b>2011</b> , 133, 16054-61		141

2183	Tuning the Electronic Nature of Aggregation-Induced Emission Luminogens with Enhanced Hole-Transporting Property. <b>2011</b> , 23, 2536-2544	171
2182	A 2,7-carbazole-based dicationic salt for fluorescence detection of nucleic acids and two-photon fluorescence imaging of RNA in nucleoli and cytoplasm. <b>2011</b> , 9, 3615-8	68
2181	Highly phosphorescent crystals of vaulted trans-bis(salicylaldiminato)platinum(II) complexes. <b>2011</b> , 133, 6493-6	85
2180	Fluorogenic Zn(II) and chromogenic Fe(II) sensors based on terpyridine-substituted tetraphenylethenes with aggregation-induced emission characteristics. <b>2011</b> , 3, 3411-8	171
2179	A luminescent coordination polymer based on bisterpyridyl ligand containing o-carborane: two tunable emission modes. <b>2011</b> , 40, 1919-23	67
2178	Diacenaphtho[1,2-b;1',2'-d]silole and -pyrrole. <b>2011</b> , 40, 1437-1439	7
2177	Polymer-based nanocomposites for organic optoelectronic devices. A review. <b>2011</b> , 206, 742-752	83
2176	Synthesis and two-photon properties of a multi-polar chromophore based on tetra-quinoxalinyethylene scaffold. <b>2011</b> , 52, 6748-6753	10
2175	Generation and solid state characterization of tetrapyrдинium perchlorate salts derived from tetrapyrдинyl tetraphenylethylenes. <b>2011</b> , 1003, 82-86	9
2174	The synthesis, X-ray structure analysis, and photophysical characterization of 3,3'-diacetylstilbene. <b>2011</b> ,	
2173	Naphthalene-based fluorophores: Synthesis characterization, and photophysical properties. <b>2011</b> , 131, 2775-2783	23
2172	Zwitterionic diaminodicyanoquinodimethanes with enhanced blue/green emission in the solid state. <b>2011</b> , 34, 119-125	12
2171	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. <b>2011</b> , 21, 4056	256
2170	Aggregation-induced emission. <b>2011</b> , 40, 5361-88	4535
2169	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. <b>2011</b> , 2, 672-675	192
2168	Piezofluorochromism of an aggregation-induced emission compound derived from tetraphenylethylene. <b>2011</b> , 6, 808-11	281
2167	Self-assembly and aggregate-induced enhanced emission of amphiphilic fluorescence dyes in water and in the solid state. <b>2011</b> , 6, 1057-63	35
2166	Tetraphenylethylene-based glycoconjugate as a fluorescence "turn-on" sensor for cholera toxin. <b>2011</b> , 6, 2376-81	55

2165	Piezofluorochromic and aggregation-induced-emission compounds containing triphenylethylene and tetraphenylethylene moieties. <b>2011</b> , 6, 1470-8		136
2164	Aggregation-induced emission enhancement of polycyclic aromatic alkaloid derivatives and the crucial role of excited-state proton-transfer. <i>Chemical Communications</i> , <b>2011</b> , 47, 2907-9	5.8	43
2163	BSA-tetraphenylethylene derivative conjugates with aggregation-induced emission properties: fluorescent probes for label-free and homogeneous detection of protease and $\alpha$ -antitrypsin. <b>2011</b> , 136, 2315-21		61
2162	Semiconducting organic assemblies prepared from tetraphenylethylene tetracarboxylic acid and bis(pyridine)s via charge-assisted hydrogen bonding. <b>2011</b> , 133, 8490-3		70
2161	Low molecular weight fluorescent organogel for fluoride ion detection. <b>2011</b> , 13, 3714-7		153
2160	Synthesis and properties of diphenylcarbazole triphenylethylene derivatives with aggregation-induced emission, blue light emission and high thermal stability. <b>2011</b> , 21, 433-41		27
2159	Synthesis and characterization of triphenylethylene derivatives with aggregation-induced emission characteristics. <b>2011</b> , 21, 1969-77		51
2158	Chemiluminescence assay for angiogenin using a signal amplification technology based on the cleavage of nicking endonucleases. <b>2011</b> , 174, 375-382		2
2157	Fluorescence study of interaction between an anionic conjugated polyelectrolyte and bovine serum albumin. <b>2011</b> , 67, 1907-1915		6
2156	Facile synthesis of poly(aroxycarbonyltriazole)s with aggregation-induced emission characteristics by metal-free click polymerization. <b>2011</b> , 54, 611-616		50
2155	Photophysical properties of heteroaromatic ring-fused (di)benzosiloles. <b>2011</b> , 54, 1937-1947		20
2154	Selective detection of phosphaphenanthrenecontaining luminophors with aggregation-induced emission enhancement to transition metal ions. <b>2011</b> , 6, 15-20		1
2153	Light-driven and aggregation-induced emission from side-chain azoindazole polymers. <b>2011</b> , 49, 4911-4920		28
2152	Covalent immobilization of aggregation-induced emission luminogens in silica nanoparticles through click reaction. <b>2011</b> , 7, 1448-55		55
2151	Fabrication of Silica Nanoparticles with Both Efficient Fluorescence and Strong Magnetization and Exploration of Their Biological Applications. <b>2011</b> , 21, 1733-1740		118
2150	Reversible switching of the emission of diphenyldibenzofulvenes by thermal and mechanical stimuli. <b>2011</b> , 23, 3261-5		546
2149	Cytophilic fluorescent bioprobes for long-term cell tracking. <b>2011</b> , 23, 3298-302		228
2148	Advanced organic optoelectronic materials: harnessing excited-state intramolecular proton transfer (ESIPT) process. <b>2011</b> , 23, 3615-42		810

2147	Stereoselective synthesis, efficient light emission, and high bipolar charge mobility of chiasmatic luminogens. <b>2011</b> , 23, 5430-5	97
2146	Restriction of photoinduced twisted intramolecular charge transfer. <b>2011</b> , 12, 397-404	54
2145	Cyclic Polymers with Pendent Carbazole Units: Enhanced Fluorescence and Redox Behavior. <b>2011</b> , 123, 6745-6748	13
2144	Triple-Layer (Au@Perylene)@Polyaniline Nanocomposite: Unconventional Growth of Faceted Organic Nanocrystals on Polycrystalline Au. <b>2011</b> , 123, 10072-10076	7
2143	Color-Tunable Solid-State Emission of 2,2'-Biindenyl-Based Fluorophores. <b>2011</b> , 123, 11858-11861	53
2142	Cyclic polymers with pendent carbazole units: enhanced fluorescence and redox behavior. <b>2011</b> , 50, 6615-8	81
2141	Triple-layer (au@perylene)@polyaniline nanocomposite: unconventional growth of faceted organic nanocrystals on polycrystalline Au. <b>2011</b> , 50, 9898-902	55
2140	Color-tunable solid-state emission of 2,2'-biindenyl-based fluorophores. <b>2011</b> , 50, 11654-7	234
2139	Starburst triarylamine donor-acceptor-donor quadrupolar derivatives based on cyano-substituted diphenylaminestyrylbenzene: tunable aggregation-induced emission colors and large two-photon absorption cross sections. <b>2011</b> , 17, 2647-55	215
2138	Fluorometric sensing of biogenic amines with aggregation-induced emission-active tetraphenylethenes. <b>2011</b> , 17, 5344-9	111
2137	Calix[2]-m-benzo[4]pyrin with aggregation-induced enhanced-emission characteristics: application as a HgII chemosensor. <b>2011</b> , 17, 6598-601	28
2136	Palladium-catalyzed cycloisomerizations of diarylacetylenes: synthesis, structures, and physical properties of highly substituted naphthalenes and 8,8 a-dihydrocyclopenta[a]indenes. <b>2011</b> , 17, 7220-7	14
2135	Near-infrared fluorescent nanoparticles formed by self-assembly of lipidic (Bodipy) dyes. <b>2011</b> , 17, 11709-14	50
2134	Spectroscopic probing of the dynamic self-assembly of an amphiphilic naphthalene diimide exhibiting reversible vapochromism. <b>2011</b> , 17, 11102-6	67
2133	Specific recognition of $\beta$ -cyclodextrin by a tetraphenylethene luminogen through a cooperative boronic acid/diol interaction. <b>2011</b> , 17, 14736-40	29
2132	Fluorescence of 1,2-diaminoanthraquinone and its nitric oxide reaction product within macrophage cells. <b>2011</b> , 12, 2471-7	20
2131	Synthesis of novel diketopyrrolopyrrole-based luminophores showing crystallization-induced emission enhancement properties. <b>2011</b> , 90, 311-318	58
2130	Luminescent aggregates of a starburst silole-triphenylamine adduct for sensitive explosive detection. <b>2011</b> , 91, 258-263	30

2129	Enhancement of the photoluminescence of a thioamide-based pincer palladium complex in the crystalline state. <b>2011</b> , 696, 1289-1293		28
2128	p-Carboxyl-N-salicylideneanilines: Simple but efficient chromophores for one-dimensional microrods with aggregation-induced emission enhancement (AIEE) characteristics. <b>2011</b> , 131, 1453-1459		17
2127	Study of aggregation induced emission of cyano-substituted oligo (p-phenylenevinylene) by femtosecond time resolved fluorescence. <b>2011</b> , 78, 1640-5		31
2126	Energy transfer from aggregation-induced emissive o-carborane. <b>2011</b> , 52, 293-296		33
2125	Tetrapyrrolyl tetraphenylethylenes: supramolecular building blocks with aggregation-induced emission properties. <b>2011</b> , 52, 2519-2522		44
2124	Fluorescence Turn-on Detection of Cu <sup>2+</sup> ions with aggregation-induced emission-active tetraphenylethene based on click chemistry. <b>2011</b> , 52, 3283-3286		48
2123	Twisting strategy applied to N,N-diorganoquinacridones leads to organic chromophores exhibiting efficient solid-state fluorescence. <b>2011</b> , 52, 4084-4089		52
2122	pH-stimuli-responsive near-infrared optical imaging nanoprobe based on poly( $\beta$ -glutamic acid)/poly( $\beta$ -amino ester) nanoparticles. <b>2011</b> , 22, 465603		10
2121	Arylaminomaleimides as a New Class of Aggregation-induced Emission-active Molecules Obtained from Organoarsenic Compounds. <b>2012</b> , 41, 1445-1447		22
2120	Ionic Self-assembled Fluorescent Organic Nanosticks. <b>2012</b> , 41, 1201-1203		6
2119	Determination of SDS using fluorescent $\beta$ -cyclodextrin based on TICT in aqueous solution. <b>2012</b> , 28, 973-8		5
2118	An amine-reactive tetraphenylethylene derivative for protein detection in SDS-PAGE. <b>2012</b> , 137, 5592-6		21
2117	Tetraphenylethene modified perylene bisimide: effect of the number of substituents on AIE performance. <i>Chemical Communications</i> , <b>2012</b> , 48, 11671-3	5.8	61
2116	Simple fluorescent probe derived from tetraphenylethylene and benzoquinone for instantaneous biothiol detection. <b>2012</b> , 4, 3338		49
2115	Additional insights into luminescence process of polycyclic aromatic hydrocarbons with carbonyl groups: photophysical properties of secondary N-alkyl and tertiary n,n-dialkyl carboxamides of naphthalene, anthracene, and pyrene. <b>2012</b> , 77, 3986-96		33
2114	Transition metal-containing macromolecules: En route to new functional materials. <b>2012</b> , 53, 4879-4921		102
2113	Relaxation Dynamics and Structural Characterization of Organic Nanobelts with Aggregation-Induced Emission. <b>2012</b> , 116, 15146-15154		39
2112	More than Restriction of Twisted Intramolecular Charge Transfer: Three-Dimensional Expanded #-Shaped Cross-Molecular Packing for Emission Enhancement in Aggregates. <b>2012</b> , 116, 12187-12195		56

2111	Propylamino-connected fluorescent terpyridine dimer and trimer: syntheses, photophysical properties and formation of duplex-type complexes with Cd(II). <b>2012</b> , 10, 8895-902	4
2110	Hydrogelators of cyclotrimeratrylene derivatives. <b>2012</b> , 10, 1418-23	10
2109	Fluorescence turn-on probes for intracellular RNA distribution and their imaging in confocal and two-photon fluorescence microscopy. <b>2012</b> , 173, 329-337	22
2108	Fumaronitrile-Based Fluorogen: Red to Near-Infrared Fluorescence, Aggregation-Induced Emission, Solvatochromism, and Twisted Intramolecular Charge Transfer. <b>2012</b> , 116, 10541-10547	125
2107	One-Pot Condensation of 2- and 2,5-Halo-Substituted Benzophenones for the Synthesis of Halo-Substituted 9,10-Diphenylanthracenes. <b>2012</b> , 1, 331-335	3
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2105	Piezochromic luminescence based on the molecular aggregation of 9,10-bis((E)-2-(pyrid-2-yl)vinyl)anthracene. <b>2012</b> , 51, 10782-5	679
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2103	Boron-doped tri(9,10-anthrylene)s: synthesis, structural characterization, and optoelectronic properties. <b>2012</b> , 18, 15394-405	64
2102	Optical properties and photo-oxidation of tetraphenylethene-based fluorophores. <b>2012</b> , 18, 16037-45	74
2101	Fluorescence "turn-on" detection of melamine with aggregation-induced-emission-active tetraphenylethene. <b>2012</b> , 18, 15254-7	37
2100	Fluorescent polymeric micelles with tetraphenylethylene moieties and their application for the selective detection of glucose. <b>2012</b> , 12, 1583-90	30
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2098	Discriminative fluorescence detection of cysteine, homocysteine and glutathione via reaction-dependent aggregation of fluorophore-analyte adducts. <b>2012</b> , 22, 17063	67
2097	Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. <b>2012</b> , 22, 4527	92
2096	Rational design of metallophosphors with tunable aggregation-induced phosphorescent emission and their promising applications in time-resolved luminescence assay and targeted luminescence imaging of cancer cells. <b>2012</b> , 22, 22167	83
2095	Synthesis and properties of aggregation-induced emission enhancement compounds derived from triarylcyclopentadiene. <b>2012</b> , 2, 11529	30
2094	Fluorescent coronene monoimide gels via H-bonding induced frustrated dipolar assembly. <i>Chemical Communications</i> , <b>2012</b> , 48, 1467-9	5.8 30



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2092	Aggregation induced ratiometric fluorescence change for a novel boron-based carbazole derivative. <i>Chemical Communications</i> , <b>2012</b> , 48, 8586-8	5.8	14
2091	Tuning the electronic nature of aggregation-induced emission chromophores with enhanced electron-transporting properties. <b>2012</b> , 22, 5184		31
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2088	Utilising tetraphenylethene as a dual activator for intramolecular charge transfer and aggregation induced emission. <i>Chemical Communications</i> , <b>2012</b> , 48, 7711-3	5.8	137
2087	A tetraphenylethene-based red luminophore for an efficient non-doped electroluminescence device and cellular imaging. <b>2012</b> , 22, 11018		81
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2085	Organometallic polymers based on fluorene-bridged bis-benzimidazolyliene via direct ligand-metal coordination: synthesis, characterization and optical properties. <b>2012</b> , 3, 2776		17
2084	Light-emitting property of simple AIE compounds in gel, suspension and precipitates, and application to quantitative determination of enantiomer composition. <i>Chemical Communications</i> , <b>2012</b> , 48, 3176-8	5.8	25
2083	Aggregation-induced red-NIR emission organic nanoparticles as effective and photostable fluorescent probes for bioimaging. <b>2012</b> , 22, 15128		156
2082	Siloxy-Substituted Cyclopentadiene Showing Aggregation-Enhanced Emission: An Application of Cycloaddition of Isolable Dialkylsilylene. <b>2012</b> , 31, 5983-5985		8
2081	Phenyl ring dynamics in a tetraphenylethylene-bridged metal-organic framework: implications for the mechanism of aggregation-induced emission. <b>2012</b> , 134, 15061-70		327
2080	Monitoring and inhibition of insulin fibrillation by a small organic fluorogen with aggregation-induced emission characteristics. <b>2012</b> , 134, 1680-9		293
2079	Benzene-cored fluorophores with TPE peripheries: facile synthesis, crystallization-induced blue-shifted emission, and efficient blue luminogens for non-doped OLEDs. <b>2012</b> , 22, 12001		111
2078	Bipolar AIE-active luminogens comprised of an oxadiazole core and terminal TPE moieties as a new type of host for doped electroluminescence. <i>Chemical Communications</i> , <b>2012</b> , 48, 9586-8	5.8	77
2077	Preparation and Properties of Perarylated 3,4-Disila-1,5-hexadienes. A Fluorescent Disilane Accommodated in the Crystal Lattice. <b>2012</b> , 31, 6787-6795		15
2076	Sensitive and homogeneous protein detection based on target-triggered aptamer hairpin switch and nicking enzyme assisted fluorescence signal amplification. <b>2012</b> , 84, 3507-13		134



2075	Structure-property studies toward the stimuli-responsive behavior of benzyl-phospholium acenes. <b>2012</b> , 51, 2669-78		37
2074	A conjugated hyperbranched polymer constructed from carbazole and tetraphenylethylene moieties: convenient synthesis through one-pot $A_2 + B_4$ Suzuki polymerization, aggregation-induced enhanced emission, and application as explosive chemosensors and PLEDs. <b>2012</b> , 22, 6374		129
2073	Specific detection of integrin $\alpha_5$ by light-up bioprobe with aggregation-induced emission characteristics. <b>2012</b> , 134, 9569-72		353
2072	Complexation of fluorescent tetraphenylthiophene-derived ammonium chloride to poly(N-isopropylacrylamide) with sulfonate terminal: aggregation-induced emission, critical micelle concentration, and lower critical solution temperature. <b>2012</b> , 28, 15725-35		29
2071	Ion pairing and anion-driven aggregation of an ionic liquid in aqueous salt solutions. <b>2012</b> , 116, 3973-81		26
2070	Emission switching of 4,6-diphenylpyrimidones: solvent and solid state effects. <b>2012</b> , 116, 8671-7		8
2069	Self-Scrolling Nanotubular Structure of Amorphous Vinyl Polymer Containing Tetraphenylthiophene-quinoline Pendant Groups.. <b>2012</b> , 1, 452-456		2
2068	Fluorescent turn-on detection and assay of water based on 4-(2-dimethylaminoethoxy)-N-octadecyl-1,8-naphthalimide with aggregation-induced emission enhancement. <b>2012</b> , 97, 352-8		31
2067	Comparison of short and long wavelength absorption electron donor materials in C60-based planar heterojunction organic photovoltaics. <b>2012</b> , 13, 2118-2129		13
2066	New tetraphenylethylene-containing conjugated polymers: Facile synthesis, aggregation-induced emission enhanced characteristics and application as explosive chemsensors and PLEDs. <b>2012</b> , 53, 3163-3171		81
2065	Optical materials based on molecular nanoparticles. <b>2012</b> , 4, 343-59		88
2064	Synthesis, solvatochromism, aggregation-induced emission and cell imaging of tetraphenylethene-containing BODIPY derivatives with large Stokes shifts. <i>Chemical Communications</i> , <b>2012</b> , 48, 10099-101	5.8	188
2063	Synthesis and fluorescence properties of thiazole-boron complexes bearing a $\beta$ -ketoiminate ligand. <b>2012</b> , 14, 4682-5		123
2062	Locking the phenyl rings of tetraphenylethene step by step: understanding the mechanism of aggregation-induced emission. <i>Chemical Communications</i> , <b>2012</b> , 48, 10675-7	5.8	204
2061	Cyanostilben-based derivatives: mechanical stimuli-responsive luminophors with aggregation-induced emission enhancement. <b>2012</b> , 11, 1414-21		75
2060	Benzothiazolium-functionalized tetraphenylethene: an AIE luminogen with tunable solid-state emission. <i>Chemical Communications</i> , <b>2012</b> , 48, 8637-9	5.8	184
2059	Recent advances in organic mechanofluorochromic materials. <b>2012</b> , 41, 3878-96		1382
2058	Construction of soft porous crystal with silole derivative: strategy of framework design, multiple structural transformability and mechanofluorochromism. <b>2012</b> , 22, 4290-4298		62

2057	Piezofluorochromism and morphology of a new aggregation-induced emission compound derived from tetraphenylethylene and carbazole. <b>2012</b> , 36, 685-693		94
2056	Organic vapor triggered repeatable on-off crystalline-state luminescence switching. <b>2012</b> , 51, 4420-2		33
2055	Ethynyl-Capped Hyperbranched Conjugated Polytriazole: Click Polymerization, Clickable Modification, and Aggregation-Enhanced Emission. <b>2012</b> , 45, 7692-7703		82
2054	Full-color tunable photoluminescent ionic liquid crystals based on tripodal pyridinium, pyrimidinium, and quinolinium salts. <b>2012</b> , 134, 5652-61		101
2053	Luminogenic materials constructed from tetraphenylethylene building blocks: Synthesis, aggregation-induced emission, two-photon absorption, light refraction, and explosive detection. <b>2012</b> , 22, 232-240		205
2052	Piezochromic luminescent (PCL) behavior and aggregation-induced emission (AIE) property of a new cationic iridium(III) complex. <b>2012</b> , 41, 9590-3		58
2051	Multifunctional organic fluorescent materials derived from 9,10-distyrylanthracene with alkoxy endgroups of various lengths. <i>Chemical Communications</i> , <b>2012</b> , 48, 10895-7	5.8	212
2050	Luminescent dinuclear rhenium(I) complexes containing bridging 1,2-diazine ligands: Photophysical properties and application. <b>2012</b> , 256, 1621-1643		76
2049	Real-time monitoring of cell apoptosis and drug screening using fluorescent light-up probe with aggregation-induced emission characteristics. <b>2012</b> , 134, 17972-81		481
2048	New tetraphenylethylene-based efficient blue luminophors: aggregation induced emission and partially controllable emitting color. <b>2012</b> , 22, 2478-2484		151
2047	Modification of the Green Fluorescent Protein Chromophore with Large Aromatic Moieties: Photophysical Study and Solid-State Emission. <b>2012</b> , 1, 352-358		18
2046	Efficient NIR-light emission from solid-state complexes of boron difluoride with 2'-hydroxychalcone derivatives. <b>2012</b> , 18, 12764-72		81
2045	A Facile Approach to Highly Efficient and Thermally Stable Solid-State Emitters: Knitting up AIE-Active TPE Luminogens by Aryl Linkers. <b>2012</b> , 77, 949-958		17
2044	Cyclic side-chain phenylazo naphthalene polymers: enhanced fluorescence emission and surface relief grating formation. <b>2012</b> , 33, 1845-51		25
2043	Lipid-PEG-folate encapsulated nanoparticles with aggregation induced emission characteristics: cellular uptake mechanism and two-photon fluorescence imaging. <b>2012</b> , 8, 3655-63		128
2042	Controllable self-assembly of di(p-methoxyphenyl)dibenzofulvene into three different emission forms. <b>2012</b> , 8, 3406-11		47
2041	A fluorescent probe for detection of histone deacetylase activity based on aggregation-induced emission. <i>Chemical Communications</i> , <b>2012</b> , 48, 11534-6	5.8	60
2040	Chiral optofluidics: gigantic circularly polarized light enhancement of all-trans-poly(9,9-di-n-octylfluorene-2,7-vinylene) during mirror-symmetry-breaking aggregation by optically tuning fluidic media. <b>2012</b> , 2, 6663		40

2039	Organic $\pi$ -Conjugated Molecules for Organic Semiconductors and Photovoltaic Materials. <b>2012</b> , 759-780	2
2038	Efficient blue electroluminescence of silylene-bridged 2-(2-naphthyl)indole. <b>2012</b> , 22, 4337-4342	22
2037	Silica anchored fluorescent organosilicon polymers for explosives separation and detection. <b>2012</b> , 22, 2908-2914	44
2036	Tetraphenylethene: a versatile AIE building block for the construction of efficient luminescent materials for organic light-emitting diodes. <b>2012</b> , 22, 23726	646
2035	Siloles symmetrically substituted on their 2,5-positions with electron-accepting and donating moieties: facile synthesis, aggregation-enhanced emission, solvatochromism, and device application. <b>2012</b> , 3, 549-558	111
2034	Theoretical insight into the aggregation induced emission phenomena of diphenyldibenzofulvene: a nonadiabatic molecular dynamics study. <b>2012</b> , 14, 14207-16	49
2033	Dye/peroxalate aggregated nanoparticles with enhanced and tunable chemiluminescence for biomedical imaging of hydrogen peroxide. <b>2012</b> , 6, 6759-66	141
2032	Combining form with function--the dawn of phosphole-based functional materials. <b>2012</b> , 41, 7792-800	173
2031	Fluorescence properties of indolenine semi-squarylium dyes. <b>2012</b> , 68, 9936-9941	17
2030	Efficient Solid Emitters with Aggregation-Induced Emission and Intramolecular Charge Transfer Characteristics: Molecular Design, Synthesis, Photophysical Behaviors, and OLED Application. <b>2012</b> , 24, 1518-1528	418
2029	Metal-free click polymerization of propiolates and azides: facile synthesis of functional poly(aroxycarbonyltriazole)s. <b>2012</b> , 3, 1075	87
2028	Effect of polyphenyl-substituted ethylene end-capped groups in metal-free organic dyes on performance of dye-sensitized solar cells. <b>2012</b> , 2, 7788	38
2027	From a benzodiazaborole-based compound to donor-acceptor polymers via electropolymerization. <b>2012</b> , 3, 613	33
2026	Facile preparation of non-self-quenching fluorescent DNA strands with the degree of labeling up to the theoretic limit. <i>Chemical Communications</i> , <b>2012</b> ,	5.8 27
2025	Efficient Non-doped Near Infrared Organic Light-Emitting Devices Based on Fluorophores with Aggregation-Induced Emission Enhancement. <b>2012</b> , 24, 2178-2185	198
2024	Functionalization of graphene by tetraphenylethylene using nitrene chemistry. <b>2012</b> , 2, 7042	25
2023	Mechanical control of molecular aggregation and fluorescence switching/enhancement in an ultrathin film. <b>2012</b> , 28, 17313-21	13
2022	Organic nanocrystals of [2.2]paracyclophanes achieved via sonochemistry: enhanced and red-shifted emission involving edge-to-face chromophores. <b>2012</b> , 14, 7567	7

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2020	Tetraphenylethenyl-modified perylene bisimide: aggregation-induced red emission, electrochemical properties and ordered microstructures. <b>2012</b> , 22, 7387		134
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2016	A fluorescent turn-on probe for bisulfite based on hydrogen bond-inhibited C=N isomerization mechanism. <b>2012</b> , 137, 3430-3		132
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1847	Enhanced Emission by Restriction of Molecular Rotation. <b>2013</b> , 285-305		3
1846	Restricted Intramolecular Rotations: a Mechanism for Aggregation-Induced Emission. <b>2013</b> , 307-322		9
1845	Mechanochromic Aggregation-Induced Emission Materials. <b>2013</b> , 61-86		5
1844	Specific Light-Up Bioprobes with Aggregation-Induced Emission Characteristics for Protein Sensing. <b>2013</b> , 239-258		6
1843	Applications of Aggregation-Induced Emission Materials in Biotechnology. <b>2013</b> , 259-274		
1842	Recent Theoretical Advances in Understanding the Mechanism of Aggregation-Induced Emission for Small Organic Molecules. <b>2013</b> , 399-418		1

1841	Naturally Assembled Excimers in Xanthenes as Singular and Highly Efficient Laser Dyes in Liquid and Solid Media. <b>2013</b> , 1, 984-990		11
1840	Aggregation-induced emission of a novel conjugated phosphonium salt and its application in mitochondrial imaging. <b>2013</b> , 110, 471-3		16
1839	Synthesis, crystal Structures and aggregation-induced emission enhancement of aryl-substituted cyclopentadiene derivatives. <b>2013</b> , 139, 28-34		22
1838	The specific detection of Cu(II) using an AIE-active alanine ester. <b>2013</b> , 24, 668-672		17
1837	New emissive organic molecule based on pyrido[3,4-g]isoquinoline framework: synthesis and fluorescence tuning as well as optical waveguide behavior. <b>2013</b> , 69, 2687-2692		12
1836	A pyridinyl-functionalized tetraphenylethylene fluorogen for specific sensing of trivalent cations. <i>Chemical Communications</i> , <b>2013</b> , 49, 1503-5	5.8	147
1835	A red-emissive aminobenzopyrano-xanthene dye: elucidation of fluorescence emission mechanisms in solution and in the aggregate state. <b>2013</b> , 15, 2131-40		33
1834	A persulfurated benzene molecule exhibits outstanding phosphorescence in rigid environments: from computational study to organic nanocrystals and OLED applications. <b>2013</b> , 1, 2717		92
1833	Enhanced emission of organic and polymeric luminogens containing 2,4,6-triphenylpyridine moieties: crystallization- and aggregation-enhanced emission. <b>2013</b> , 1, 2842		29
1832	Highly emissive boron ketoiminate derivatives as a new class of aggregation-induced emission fluorophores. <b>2013</b> , 19, 4506-12		167
1831	Design Strategies for Fluorescent Biodegradable Polymeric Biomaterials. <b>2013</b> , 1, 132-148		68
1830	Exceptional AcidBase Organogelators for a Wide Variety of Organic Liquids and Their Many Applications. <b>2013</b> , 2013, 1521-1529		9
1829	Large two-photon absorption of terpyridine-based quadrupolar derivatives: towards their applications in optical limiting and biological imaging. <b>2013</b> , 8, 564-71		22
1828	The AIEE effect and two-photon absorption (TPA) enhancement induced by polymerization: synthesis of a monomer with ICT and AIE effects and its homopolymer by ATRP and a study of their photophysical properties. <b>2013</b> , 1, 2599		60
1827	Aggregation-induced phosphorescence of iridium(III) complexes with 2,2'-bipyridine-acylhydrazone and their highly selective recognition to Cu <sup>2+</sup> . <b>2013</b> , 138, 894-900		35
1826	Phenanthro[9,10-d]imidazole-quinoline boron difluoride dyes with solid-state red fluorescence. <b>2013</b> , 15, 1768-71		91
1825	Novel pyrene- and anthracene-based Schiff base derivatives as Cu <sup>2+</sup> and Fe <sup>3+</sup> fluorescence turn-on sensors and for aggregation induced emissions. <b>2013</b> , 1, 1310-1318		211
1824	The marriage of metallacycle transfer chemistry with Suzuki-Miyaura cross-coupling to give main group element-containing conjugated polymers. <b>2013</b> , 135, 5360-3		120

1823	Fabrication of chitosan nanoparticles with aggregation-induced emission characteristics and their applications in long-term live cell imaging. <b>2013</b> , 34, 767-71	56
1822	A new route to functional polymers: atom-economical synthesis of poly(pyrazolynaphthalene)s by rhodium-catalyzed oxidative polycondensation of phenylpyrazole and internal diynes. <b>2013</b> , 4, 2841	30
1821	Fluorescent chemosensors based on 9-cycloheptatrienyliene fluorenes (9-CHFs). <b>2013</b> , 37, 1645	15
1820	Twisted D-πA solid emitters: efficient emission and high contrast mechanochromism. <i>Chemical Communications</i> , <b>2013</b> , 49, 4009-11	5.8 212
1819	Self-assembly of organic luminophores with gelation-enhanced emission characteristics. <b>2013</b> , 9, 4564	161
1818	Exciplex formation in blended spin-cast films of fluorene-linked dyes and bisphthalimide quenchers. <b>2013</b> , 117, 3909-17	26
1817	Pentaphenylphenyl substituted quinacridone exhibiting intensive emission in both solution and solid state. <b>2013</b> , 1, 410-413	29
1816	Synthesis and applications of organic nanorods, nanowires and nanotubes. <b>2013</b> , 109, 211	40
1815	Molecular Engineering of the Physical Properties of Highly Luminescent π-Conjugated Phospholes. <b>2013</b> , 117, 4748-4758	25
1814	Substituent group variations directing the molecular packing, electronic structure, and aggregation-induced emission property of isophorone derivatives. <b>2013</b> , 78, 3222-34	77
1813	Synthesis and efficient solid-state emission of conjugated donor-acceptor-donor triphenylamine chromophores. <b>2013</b> , 37, 1402	8
1812	Synthesis and Photophysical Properties of Asymmetric Substituted Silafluorenes. <b>2013</b> , 32, 2529-2535	28
1811	Water-soluble tetraphenylethene derivatives as fluorescent "light-up" probes for nucleic acid detection and their applications in cell imaging. <b>2013</b> , 8, 1806-12	59
1810	Optical Investigation of Self-Aggregation of a Tetrazole-Substituted Diphenylacetylene Derivative: Steady and Excited State Dynamics in Solid and Solution State. <b>2013</b> , 117, 9404-9415	36
1809	Poly(arylene ynonylene) with an aggregation-enhanced emission characteristic: a fluorescent sensor for both hydrazine and explosive detection. <b>2013</b> , 3, 8193	50
1808	Harnessing self-assembly strategies for the rational design of conjugated polymer based materials. <b>2013</b> , 1, 4190	51
1807	A new fluorometric turn-on assay for alkaline phosphatase and inhibitor screening based on aggregation and deaggregation of tetraphenylethylene molecules. <b>2013</b> , 138, 2427-31	92
1806	Photostable fluorescent organic dots with aggregation-induced emission (AIE dots) for noninvasive long-term cell tracing. <b>2013</b> , 3, 1150	290



1805	Luminescent Invertible Polymersome by Remarkably Stable Supramolecular Assembly of Naphthalene Diimide (NDI) ESystem. <b>2013</b> , 46, 3939-3949		49
1804	Electronic Process in Organic Solids. <b>2013</b> , 1-42		
1803	Fabrication of fluorescent silica nanoparticles with aggregation-induced emission luminogens for cell imaging. <b>2013</b> , 991, 163-9		
1802	Supramolecular assembly in side-chain conjugated thiophene copolymers. <b>2013</b> , 3, 8331		5
1801	Boron difluoride complexes of 3-hydroxyflavone derivatives: efficient bioinspired dyes for solution and solid-state emission. <b>2013</b> , 12, 500-10		20
1800	Recent advances in mechanochromic luminescent metal complexes. <b>2013</b> , 1, 3376		506
1799	A fluorescence-switchable luminogen in the solid state: a sensitive and selective sensor for the fast "turn-on" detection of primary amine gas. <i>Chemical Communications</i> , <b>2013</b> , 49, 4848-50	5.8	81
1798	Specific nucleic acid detection based on fluorescent light-up probe from fluorogens with aggregation-induced emission characteristics. <b>2013</b> , 3, 10135		35
1797	Solid-state phosphorescence of trans-bis(salicylaldiminato)platinum(II) complexes bearing long alkyl chains: morphology control towards intense emission. <b>2013</b> , 19, 9497-505		32
1796	An efficient fluorescence turn-on probe for Al <sup>3+</sup> based on aggregation-induced emission. <b>2013</b> , 5, 3909		23
1795	Conjugated amplifying polymers for optical sensing applications. <b>2013</b> , 5, 4488-502		297
1794	Fluorescent polymeric micelles with aggregation-induced emission properties for monitoring the encapsulation of doxorubicin. <b>2013</b> , 13, 623-32		37
1793	Long-term fluorescent cellular tracing by the aggregates of AIE bioconjugates. <b>2013</b> , 135, 8238-45		327
1792	Off/on fluorescent chemosensors for organotin halides based on binuclear ruthenium complexes. <b>2013</b> , 52, 5599-603		11
1791	Synergy between twisted conformation and effective intermolecular interactions: strategy for efficient mechanochromic luminogens with high contrast. <b>2013</b> , 25, 2837-43		366
1790	Reversible photoisomerization of azobenzene-containing polymeric systems driven by visible light. <b>2013</b> , 4, 912		65
1789	Organic microbelt array based on hydrogen-bond architecture showing polarized fluorescence and two-photon emission. <b>2013</b> , 1, 4138		34
1788	A three-dimensional assembly of pyrene dye on a tetraphenylethane scaffold enhances fluorescence quantum yield. <i>Chemical Communications</i> , <b>2013</b> , 49, 3893-5	5.8	13



1787	Crowded bis-(M-salphen) [M = Pt(II), Zn(II)] coordination architectures: luminescent properties and ion-selective responses. <b>2013</b> , 52, 7114-24		41
1786	Eccentric loading of fluorogen with aggregation-induced emission in PLGA matrix increases nanoparticle fluorescence quantum yield for targeted cellular imaging. <b>2013</b> , 9, 2012-9		75
1785	Thiol-reactive molecule with dual-emission-enhancement property for specific prestaining of cysteine containing proteins in SDS-PAGE. <b>2013</b> , 5, 4613-6		24
1784	Fluorescence turn-on detection of DNA based on the aggregation-induced emission of conjugated poly(pyridinium salt)s. <b>2013</b> , 4, 4045		37
1783	Dendritic molecular brushes: synthesis via sequential RAFT polymerization and cage effect for fluorophores. <b>2013</b> , 4, 4450		32
1782	Stoichiometric imbalance-promoted synthesis of polymers containing highly substituted naphthalenes: rhodium-catalyzed oxidative polycoupling of arylboronic acids and internal diynes. <b>2013</b> , 4, 1372-1380		32
1781	Synthesis and fluorescence properties of pyrimidine mono- and bisboron complexes. <b>2013</b> , 78, 7058-67		88
1780	In situ formation of metal coordination polymer: a strategy for fluorescence turn-on assay of acetylcholinesterase activity and inhibitor screening. <b>2013</b> , 85, 2667-72		71
1779	A conical intersection model to explain aggregation induced emission in diphenyl dibenzofulvene. <i>Chemical Communications</i> , <b>2013</b> , 49, 5966-8	5.8	125
1778	A simple approach to aggregation-induced emission in difluoroboron dibenzoylmethane derivatives. <b>2013</b> , 54, 4167-4170		43
1777	Stacking-induced diamagnetic/paramagnetic conversion of imidazo[1,2-a]pyridin-2(3 H)-one derivatives: near-infrared absorption and magnetic properties in the solid state. <b>2013</b> , 8, 2182-8		7
1776	Hierarchical assembly of a molecular material through the amorphous phase and the evolution of its fluorescence emission. <b>2013</b> , 1, 4464		12
1775	Halogen bonded networks from pyridyl-substituted tetraarylethylenes and diiodotetrafluorobenzenes. <b>2013</b> , 15, 4386		18
1774	Construction of Functional Macromolecules with Well-Defined Structures by Indium-Catalyzed Three-Component Polycoupling of Alkynes, Aldehydes, and Amines. <b>2013</b> , 46, 3246-3256		85
1773	Cu nanoclusters with aggregation induced emission enhancement. <b>2013</b> , 9, 3873-9		297
1772	Effect of vinylene bond geometry on the molecule packing and aggregation-enhanced emission property of a pair of 1-[(9-anthracenyl)vinyl]pyrene isomers. <b>2013</b> , 54, 3263-3267		7
1771	Bifunctional star-burst amorphous molecular materials for OLEDs: achieving highly efficient solid-state luminescence and carrier transport induced by spontaneous molecular orientation. <b>2013</b> , 25, 2666-71		85
1770	Hyperbranched Poly(aroxycarbonyltriazole)s: Metal-Free Click Polymerization, Light Refraction, Aggregation-Induced Emission, Explosive Detection, and Fluorescent Patterning. <b>2013</b> , 46, 3907-3914		99

1769	Conjugated polymer amplified far-red/near-infrared fluorescence from nanoparticles with aggregation-induced emission characteristics for targeted in vivo imaging. <b>2013</b> , 2, 500-7	105
1768	Bioprobes based on AIE fluorogens. <b>2013</b> , 46, 2441-53	1406
1767	New electron-donor/acceptor-substituted tetraphenylethylenes: aggregation-induced emission with tunable emission color and optical-waveguide behavior. <b>2013</b> , 8, 2362-9	81
1766	Shape-persistent (Pt-salphen) <sub>2</sub> phosphorescent coordination frameworks: structural insights and selective perturbations. <b>2013</b> , 19, 8937-47	30
1765	A polytriazole synthesized by 1,3-dipolar polycycloaddition showing aggregation-enhanced emission and utility in explosive detection. <b>2013</b> , 34, 796-802	33
1764	Rapid detection of hydrogen peroxide based on aggregation induced ratiometric fluorescence change. <b>2013</b> , 15, 924-7	83
1763	A novel class of Zn(II) Schiff base complexes with aggregation-induced emission enhancement (AIEE) properties: Synthesis, characterization and photophysical/electrochemical properties. <b>2013</b> , 96, 467-474	44
1762	Solvent-induced crystalline-state emission and multichromism of a bent $\pi$ -surface system composed of dibenzocyclooctatetraene units. <b>2013</b> , 19, 4110-6	53
1761	Controllable Formation of Pyrene (C <sub>16</sub> H <sub>10</sub> ) Excimers in Polystyrene/Tetrabutylammonium Hexafluorophosphate Films through Solvent Vapor and Temperature Annealing. <b>2013</b> , 117, 1428-1435	18
1760	Two dimensional restriction-induced luminescence of tetraphenyl ethylene within the layered double hydroxide ultrathin films and its fluorescence resonance energy transfer. <b>2013</b> , 1, 5944	21
1759	A Novel Fluorescent Sensor for Ag <sup>+</sup> and Fe <sup>3+</sup> Based on Aggregation-Induced Emission. <b>2013</b> , 821-822, 909-912	
1758	Chiroptical inversion in helical Si-Si bond polymer aggregates. <b>2013</b> , 135, 13073-9	58
1757	Organic Dots with Aggregation-Induced Emission (AIE Dots) Characteristics for Dual-Color Cell Tracing. <b>2013</b> , 25, 4181-4187	108
1756	Similar or Totally Different: The Control of Conjugation Degree through Minor Structural Modifications, and Deep-Blue Aggregation-Induced Emission Luminogens for Non-Doped OLEDs. <b>2013</b> , 23, 2329-2337	247
1755	Theoretical investigation of electronic structure and charge transport property of 9,10-distyrylanthracene (DSA) derivatives with high solid-state luminescent efficiency. <b>2013</b> , 15, 2449-58	36
1754	Conformational space of tetrakis(2-naphthalenyl)ethene: a naphthologous AIE luminogen. <b>2013</b> , 24, 1747-1757	9
1753	Ordered honeycomb structural interfaces for anticancer cells growth. <b>2013</b> , 29, 14947-53	30
1752	Design and application of anthracene derivative with aggregation-induced emission characteristics for visualization and monitoring of erythropoietin unfolding. <b>2013</b> , 29, 1956-62	28

1751	Photoluminescent properties of liquid crystalline gold(I) isocyanide complexes with a rod-like molecular structure. <b>2013</b> , 1, 5359	37
1750	Consecutive three-component synthesis of film luminescent indolone merocyanines with L-amino acid ester donors. <b>2013</b> , 49, 860-871	12
1749	Full-range intracellular pH sensing by an aggregation-induced emission-active two-channel ratiometric fluorogen. <b>2013</b> , 135, 4926-9	357
1748	Self-assembly solid-state enhanced red emission of quinolinemalononitrile: optical waveguides and stimuli response. <b>2013</b> , 5, 192-8	156
1747	Direct Evidence of Torsional Motion in an Aggregation-Induced Emissive Chromophore. <b>2013</b> , 117, 27161-27166	67
1746	Construction of high strength hollow fibers by self-assembly of a stiff polysaccharide with short branches in water. <b>2013</b> , 1, 4198	57
1745	Recent Progress in the Development of New Acetylenic Polymers. <b>2013</b> , 214, 175-187	55
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1738	EDITORIAL. <b>2013</b> , 01, 1302001	
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1735	Synthesis of Siloles (and Germoles) that Exhibit the AIE Effect. <b>2013</b> , 1-37	
1734	LUMINESCENT AGGREGATES OF 1,2,3,4,5-PENTAPHENYLPHOSPHOLE OXIDE FOR NITROAROMATIC EXPLOSIVE DETECTION. <b>2013</b> , 01, 1340001	1

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1731	Gadolinium-functionalized aggregation-induced emission dots as dual-modality probes for cancer metastasis study. <b>2013</b> , 2, 1600-5	46
1730	Photoisomerization and Light-Driven Fluorescence Enhancement of Azobenzene Derivatives. <b>2013</b> , 185-204	
1729	New Chemo-/Biosensors with Silole and Tetraphenylethene Molecules Based on the Aggregation and Deaggregation Mechanism. <b>2013</b> , 165-188	1
1728	Crystallization-Induced Emission Enhancement. <b>2013</b> , 323-335	6
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1726	Synthesis and properties of high-performance functional polyimides containing rigid nonplanar conjugated tetraphenylethylene moieties. <b>2013</b> , 51, 1302-1314	46
1725	Red-Emitting AIE Materials. <b>2013</b> , 155-167	
1724	Aggregation-Induced Emission of 9,10-Distyrylanthracene Derivatives and Their Applications. <b>2013</b> , 61-82	3
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1720	Time-Resolved Spectroscopic Study of the Aggregation-Induced Emission Mechanism. <b>2013</b> , 337-355	
1719	HARNESSING AGGREGATION-INDUCED EMISSION (AIE) OF TETRAPHENYLETHYLENES IN METAL ION SENSING AND LUMINESCENT METAL-ORGANIC FRAMEWORKS. <b>2013</b> , 01, 1340009	3
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1717	Regiospecific N-Heteroarylation of Amidines for Full-Color-Tunable Boron Difluoride Dyes with Mechanochromic Luminescence. <b>2013</b> , 125, 13921-13925	16
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1675	Aggregation induced enhanced emission of conjugated dendrimers with a large intrinsic two-photon absorption cross-section. <b>2014</b> , 5, 479-488	45
1674	A facile, sensitive and selective fluorescent probe for heparin based on aggregation-induced emission. <b>2014</b> , 118, 348-52	63
1673	Zn(II)-bisthienylethynylbipyridine complex: Preparation, characterization and vapochromic behaviour in polymer films. <b>2014</b> , 110, 249-255	11
1672	Synthesis, structures, and properties of a fluoranthene-based biphenol polymer as a fluorescent nano-thermometer. <b>2014</b> , 240, 319-330	13
1671	Bright and Photostable Organic Fluorescent Dots with Aggregation-Induced Emission Characteristics for Noninvasive Long-Term Cell Imaging. <b>2014</b> , 24, 635-643	195
1670	Highly sensitive determination of ssDNA and real-time sensing of nuclease activity and inhibition based on the controlled self-assembly of a 9,10-distyrylanthracene probe. <b>2014</b> , 406, 851-8	16
1669	Luminescent materials: locking $\pi$ -conjugated and heterocyclic ligands with boron(III). <b>2014</b> , 53, 2290-310	421
1668	Design and development of fluorescent nanostructures for bioimaging. <b>2014</b> , 39, 365-395	227
1667	Aggregation-Induced Emission of Tetraphenylethylene in Styrene-Based Polymers. <b>2014</b> , 215, 499-506	47
1666	Emission Behavior of Secondary Thioamide-Based Cationic Pincer Platinum(II) Complexes in the Aggregate State. <b>2014</b> , 2014, 1865-1869	23
1665	Excimer and exciplex emissions of 1,8-naphthalimides caused by aggregation in extremely polar or nonpolar solvents. <b>2014</b> , 38, 2233-2236	38
1664	Supramolecular clippers for controlling photophysical processes through preorganized chromophores. <b>2014</b> , 20, 5141-8	14
1663	Hybridization of a flexible cyclooctatetraene core and rigid aceneimide wings for multiluminescent flapping $\pi$ -systems. <b>2014</b> , 20, 2193-200	68
1662	Functional organic single crystals for solid-state laser applications. <b>2014</b> , 8, 687-715	132



1661	Host-guest complexation induced emission: a pillar[6]arene-based complex with intense fluorescence in dilute solution. <i>Chemical Communications</i> , <b>2014</b> , 50, 5017-9	5.8	106
1660	The phosphorescent and magnetic properties of a novel radical and its salt derived from 2,3-biimidazo[1,2-a]pyridin-2-one radical. <b>2014</b> , 189, 17-21		2
1659	Creation of Bifunctional Materials: Improve Electron-Transporting Ability of Light Emitters Based on AIE-Active 2,3,4,5-Tetraphenylsiloles. <b>2014</b> , 24, 3621-3630		118
1658	Highly fluorescent and photostable probe for long-term bacterial viability assay based on aggregation-induced emission. <b>2014</b> , 3, 88-96		90
1657	A highly selective fluorescence turn-on detection of hydrogen peroxide and d-glucose based on the aggregation/deaggregation of a modified tetraphenylethylene. <b>2014</b> , 55, 1471-1474		70
1656	An organic luminescent molecule: what will happen when the "butterflies" come together?. <b>2014</b> , 26, 739-45		123
1655	Coaxing Solid-State Phosphorescence from Tellurophenes. <b>2014</b> , 126, 4675-4679		39
1654	A new Fe <sup>3+</sup> fluorescent chemosensor based on aggregation-induced emission. <b>2014</b> , 55, 3688-3692		30
1653	Two-photon fluorescence imaging of RNA in nucleoli and cytoplasm in living cells based on low molecular weight probes. <b>2014</b> , 103, 191-201		25
1652	A Extended tetrathiafulvene derivative: Synthesis and photoluminescence properties. <b>2014</b> , 146, 193-197		5
1651	Carbonate linkage bearing naphthalenediimides: self-assembly and photophysical properties. <b>2014</b> , 20, 4537-41		32
1650	NIR Emission in Borondifluoride Complexes of 2-Hydroxychalcone Derivatives Containing an Acetonaphthone Ring. <b>2014</b> , 118, 11906-11918		22
1649	An Aggregation-Induced Emission Luminogen with Efficient Luminescent Mechanochromism and Optical Waveguiding Properties. <b>2014</b> , 3, 118-121		21
1648	A 1,3-indandione-functionalized tetraphenylethene: aggregation-induced emission, solvatochromism, mechanochromism, and potential application as a multiresponsive fluorescent probe. <b>2014</b> , 20, 4661-70		104
1647	Facile fabrication of AIE-based stable cross-linked fluorescent organic nanoparticles for cell imaging. <b>2014</b> , 116, 739-44		30
1646	Two-dimensional metal-organic framework with wide channels and responsive turn-on fluorescence for the chemical sensing of volatile organic compounds. <b>2014</b> , 136, 7241-4		527
1645	A novel strategy to design latent ratiometric fluorescent pH probes based on self-assembled SNARF derivatives. <b>2014</b> , 4, 348-357		20
1644	Excited states structure and processes: Understanding organic light-emitting diodes at the molecular level. <b>2014</b> , 537, 123-156		154



1643	Rational design of fluorescent light-up probes based on an AIE luminogen for targeted intracellular thiol imaging. <i>Chemical Communications</i> , <b>2014</b> , 50, 295-7	5.8	89
1642	Highly luminescent and photostable core-shell dye nanoparticles for high efficiency bioimaging. <i>Chemical Communications</i> , <b>2014</b> , 50, 737-9	5.8	17
1641	Complexation-induced circular dichroism and circularly polarised luminescence of an aggregation-induced emission luminogen. <b>2014</b> , 2, 78-83		62
1640	Aggregation-enhanced emission in fluorophores containing pyridine and triphenylamine terminals: restricted molecular rotation and hydrogen-bond interaction. <b>2014</b> , 2, 651-659		48
1639	Large cyano- and triazine-substituted DAD structures as efficient AIEE solid emitters with large two-photon absorption cross sections. <b>2014</b> , 2, 1141		57
1638	High-performance two-photon absorption luminophores: large action cross sections, free from fluorescence quenching and tunable emission of efficient non-doped organic light-emitting diodes. <b>2014</b> , 2, 3416		21
1637	Deep-blue luminescent compound that emits efficiently both in solution and solid state with considerable blue-shift upon aggregation. <b>2014</b> , 2, 1068-1075		43
1636	Aggregation induced blue-shifted emission--the molecular picture from a QM/MM study. <b>2014</b> , 16, 5545-52		138
1635	A new strategy of post-polymerization modification to prepare functionalized poly(disubstituted acetylenes). <b>2014</b> , 5, 2309		14
1634	Construction of efficient blue AIE emitters with triphenylamine and TPE moieties for non-doped OLEDs. <b>2014</b> , 2, 2028		107
1633	Luminescence features of nanocomposites of silicon-organic polymer/porous SiO <sub>2</sub> and TiO <sub>2</sub> films. <b>2014</b> , 187, 86-90		
1632	Formation and properties of liquid crystalline supramolecules with anisotropic fluorescence emission. <b>2014</b> , 5, 2567		5
1631	Largely blue-shifted emission through minor structural modifications: molecular design, synthesis, aggregation-induced emission and deep-blue OLED application. <i>Chemical Communications</i> , <b>2014</b> , 50, 2136-8	5.8	105
1630	Fluorescent aptasensor based on aggregation-induced emission probe and graphene oxide. <b>2014</b> , 86, 298-303		83
1629	Design and syntheses of highly emissive aminobenzopyrano-xanthene dyes in the visible and far-red regions. <b>2014</b> , 16, 258-61		27
1628	Stable Cu nanoclusters: from an aggregation-induced emission mechanism to biosensing and catalytic applications. <i>Chemical Communications</i> , <b>2014</b> , 50, 237-9	5.8	266
1627	Structural features and optical properties of a carbazole-containing ethene as a highly emissive organic solid. <b>2014</b> , 2, 1004-1009		19
1626	Impacts of intramolecular B <sub>N</sub> coordination on photoluminescence, electronic structure and electroluminescence of tetraphenylethene-based luminogens. <b>2014</b> , 101, 247-253		14

1625	Aggregation-induced emission of GFP-like chromophores via exclusion of solvent-solute hydrogen bonding. <i>Chemical Communications</i> , <b>2014</b> , 50, 620-2	5.8	22
1624	Synthesis and characterization of a novel cyanostilbene derivative and its initiated polymers: aggregation-induced emission enhancement behaviors and light-emitting diode applications. <b>2014</b> , 5, 2282		28
1623	Efficient light harvesting of a luminescent solar concentrator using excitation energy transfer from an aggregation-induced emitter. <b>2014</b> , 16, 25358-63		52
1622	Boron diiminate with aggregation-induced emission and crystallization-induced emission-enhancement characteristics. <b>2014</b> , 20, 8320-4		133
1621	White Light Emitting Polymers from a Luminogen with Local Polarity Induced Enhanced Emission. <b>2014</b> , 118, 28084-28094		19
1620	Recent Advances of AIE-Active Conjugated Polymers: Synthesis and Application. <b>2014</b> , 51, 668-681		15
1619	An Aggregation-Induced-Emission Platform for Direct Visualization of Interfacial Dynamic Self-Assembly. <b>2014</b> , 126, 13736-13740		16
1618	Ultra bright red AIE dots for cytoplasm and nuclear imaging. <b>2014</b> , 5, 7013-7020		45
1617	Acid-base-responsive intense charge-transfer emission in donor-acceptor-conjugated fluorophores. <b>2014</b> , 9, 2542-7		13
1616	Ring-shaped silafluorene derivatives as efficient solid-state UV-fluorophores: synthesis, characterization, and photoluminescent properties. <b>2014</b> , 20, 14040-50		9
1615	Aggregation Enhancement on Two-Photon Optical Properties of AIE-Active D-TPE-A Molecules. <b>2014</b> , 118, 26981-26986		21
1614	An AIE active Y-shaped diimidazolylbenzene: aggregation and disaggregation for Cd(2+) and Fe(3+) sensing in aqueous solution. <b>2014</b> , 12, 9524-7		14
1613	Bodipy dyes bearing oligo(ethylene glycol) groups on the meso-phenyl ring: tuneable solid-state photoluminescence and highly efficient OLEDs. <b>2014</b> , 2, 5471		55
1612	Crystallization-enhanced emission through hydrogen-bond interactions in blends containing hydroxyl-functionalized azine and poly(4-vinyl pyridine). <b>2014</b> , 2, 4828-4834		13
1611	Altered selectivity of a dipicolylamine based metal ion receptor. <i>Chemical Communications</i> , <b>2014</b> , 50, 64-6	5.8	17
1610	A versatile fluorescent dye based on naphthalimide: highly selective detection of Hg <sup>2+</sup> in aqueous solution and living cells and its aggregation-induced emission behaviour. <b>2014</b> , 1, 1083-1090		54
1609	Emission enhancement and color adjustment of silicon-cored structure in tetraphenyl benzene with aggregation-enhanced emission. <b>2014</b> , 2, 5601		18
1608	Amorphous and crystalline blends from polytyrosine and pyridine-functionalized anthracene: hydrogen-bond interactions, conformations, intramolecular charge transfer and aggregation-induced emission. <b>2014</b> , 5, 5765-5774		15

1607	Quantitative cascade energy transfer in semiconductor thin films. <b>2014</b> , 13, 1031-8		6
1606	Aggregation-induced emission molecules in layered matrices for two-color luminescence films. <i>Chemical Communications</i> , <b>2014</b> , 50, 11895-8	5.8	36
1605	A tetraphenylethene-based caged compound: synthesis, properties and applications. <i>Chemical Communications</i> , <b>2014</b> , 50, 8134-6	5.8	41
1604	Insight into aggregation-induced emission characteristics of red-emissive quinoline-malononitrile by cell tracking and real-time trypsin detection. <b>2014</b> , 5, 1383		141
1603	Switchable fluorescent AIE-active nanoporous fibers for cyclic oil adsorption. <b>2014</b> , 4, 17255-17261		14
1602	A targeted theranostic platinum(IV) prodrug containing a luminogen with aggregation-induced emission (AIE) characteristics for in situ monitoring of drug activation. <i>Chemical Communications</i> , <b>2014</b> , 50, 3868-70	5.8	84
1601	Crafting NPB with tetraphenylethene: a win-win strategy to create stable and efficient solid-state emitters with aggregation-induced emission feature, high hole-transporting property and efficient electroluminescence. <b>2014</b> , 2, 3756-3761		34
1600	Pluronic F127@olic acid encapsulated nanoparticles with aggregation-induced emission characteristics for targeted cellular imaging. <b>2014</b> , 4, 18460		29
1599	Energy transfer in aggregates of bacteriochlorophyll c self-assembled with azulene derivatives. <b>2014</b> , 16, 16755-64		8
1598	Pentacyclic coumarin-based blue emitters - the case of bifunctional nucleophilic behavior of amidines. <i>Chemical Communications</i> , <b>2014</b> , 50, 5688-90	5.8	30
1597	An AIE active monoimidazolium skeleton: high selectivity and fluorescence turn-on for H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> in acetonitrile and ClO <sub>4</sub> <sup>-</sup> in water. <i>Chemical Communications</i> , <b>2014</b> , 50, 5623-5	5.8	42
1596	Fine-tuning solid-state luminescence in NPIs (1,8-naphthalimides): impact of the molecular environment and cumulative interactions. <b>2014</b> , 16, 20866-77		27
1595	Pentacenequinone derivatives: aggregation-induced emission enhancement, mechanism and fluorescent aggregates for superamplified detection of nitroaromatic explosives. <b>2014</b> , 2, 7356-7363		64
1594	Distinct optical and kinetic responses from E/Z isomers of caspase probes with aggregation-induced emission characteristics. <b>2014</b> , 2, 4363-4370		40
1593	Probing the dendritic architecture through AIE: challenges and successes. <b>2014</b> , 5, 6087-6096		15
1592	Novel biocompatible cross-linked fluorescent polymeric nanoparticles based on an AIE monomer. <b>2014</b> , 2, 816-820		55
1591	A fluorescent light-up probe as an inhibitor of intracellular trypsin. <i>Chemical Communications</i> , <b>2014</b> , 50, 6120-2	5.8	8
1590	Photoluminescent supramolecular hyperbranched polymer without conventional chromophores based on inclusion complexation. <i>Chemical Communications</i> , <b>2014</b> , 50, 9584-7	5.8	31

1589	Propeller-like DNA architectures: bright solid emitters with AIEE activity and large two-photon absorption. <b>2014</b> , 2, 6843-6849		18
1588	Reversible thermal-mode control of luminescence from liquid-crystalline gold(I) complexes. <b>2014</b> , 2, 3549-3555		42
1587	A unique fluorescence response of hexaphenylsilole to methyl parathion hydrolase: a new signal generating system for the enzyme label. <b>2014</b> , 2, 5093-5099		15
1586	Aggregation-induced emission block copolymers based on ring-opening metathesis polymerization. <b>2014</b> , 4, 51194-51200		31
1585	Light-up bioprobe with aggregation-induced emission characteristics for real-time apoptosis imaging in target cancer cells. <b>2014</b> , 2, 231-238		59
1584	From molecular design and materials construction to organic nanophotonic devices. <b>2014</b> , 47, 3448-58		105
1583	Spatiotemporal drug release visualized through a drug delivery system with tunable aggregation-induced emission. <b>2014</b> , 26, 712-7		164
1582	Hydrogen-bonding driven luminescent assembly and efficient Förster Resonance Energy Transfer (FRET) in a dialkoxynaphthalene-based organogel. <b>2014</b> , 4, 43564-43571		9
1581	Water-soluble bioprobes with aggregation-induced emission characteristics for light-up sensing of heparin. <b>2014</b> , 2, 4134-4141		55
1580	Rationally designed molecular DNA triad for piezochromic and acidochromic fluorescence on/off switching. <b>2014</b> , 2, 2552		65
1579	Aggregation induced emission-based fluorescent nanoparticles: fabrication methodologies and biomedical applications. <b>2014</b> , 2, 4398-4414		293
1578	Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. <b>2014</b> , 2, 4320-4327		89
1577	Aggregation induced emission and amplified explosive detection of tetraphenylethylene-substituted polycarbazoles. <b>2014</b> , 5, 4048		85
1576	A highly selective AIE fluorogen for lipid droplet imaging in live cells and green algae. <b>2014</b> , 2, 2013-2019		86
1575	An aggregation-induced emission (AIE) active probe renders Al(III) sensing and tracking of subsequent interaction with DNA. <i>Chemical Communications</i> , <b>2014</b> , 50, 11833-6	5.8	104
1574	(Z)-3-(Quinolin-2-ylmethylene)-3,4-dihydroquinoxalin-2(1H)-one derivatives: AIE-active compounds with pronounced effects of ESIPT and TICT. <b>2014</b> , 38, 2693		23
1573	A complex of poly(4-vinylpyridine) and tolane based hemi-phasid benzoic acid: towards luminescent supramolecular side-chain liquid crystalline polymers. <i>Chemical Communications</i> , <b>2014</b> , 50, 8378-81	5.8	22
1572	Aggregation-induced emission encoding supramolecular polymers based on controllable sulfonatocalixarene recognition in aqueous solution. <b>2014</b> , 2, 5155		86

1571	Cell imaging using red fluorescent light-up probes based on an environment-sensitive fluorogen with intramolecular charge transfer characteristics. <i>Chemical Communications</i> , <b>2014</b> , 50, 9497-500	5.8	17
1570	Design and synthesis of a highly sensitive "Turn-On" fluorescent organic nanoprobe for iron(III) detection and imaging. <b>2014</b> , 2, 9077-9082		17
1569	Near-infrared fluorescence amplified organic nanoparticles with aggregation-induced emission characteristics for in vivo imaging. <b>2014</b> , 6, 939-45		71
1568	A dual-mode fluorescence "turn-on" biosensor based on an aggregation-induced emission luminogen. <b>2014</b> , 2, 1717-1723		65
1567	Glycosylated aggregation induced emission dye based fluorescent organic nanoparticles: preparation and bioimaging applications. <b>2014</b> , 4, 24189		24
1566	Valine-containing silole: synthesis, aggregation-induced chirality, luminescence enhancement, chiral-polarized luminescence and self-assembled structures. <b>2014</b> , 2, 4615		52
1565	Two luminescent Cu(I) coordination polymers based on the 1-(4-tetrazolephenyl)imidazole ligand for sensing of nitrobenzene. <b>2014</b> , 1, 389		42
1564	Substituent dependent tunable fluorescence in thieno[3,2-c]pyrans. <b>2014</b> , 4, 56779-56783		9
1563	Limonene induced chiroptical generation and inversion during aggregation of achiral polyfluorene analogs: structure-dependence and mechanism. <b>2014</b> , 5, 5920-5927		45
1562	High solid-state fluorescence in ring-shaped AEE-active tetraphenylsilole derivatives. <i>Chemical Communications</i> , <b>2014</b> , 50, 12714-7	5.8	10
1561	A stimuli-responsive double-stranded digold(I) helicate. <b>2014</b> , 16, 3192-3202		25
1560	Through-space charge transfer and emission color tuning of di-o-carborane substituted benzene. <b>2014</b> , 43, 4978-85		63
1559	Solvatochromic AIE luminogens as supersensitive water detectors in organic solvents and highly efficient cyanide chemosensors in water. <b>2014</b> , 5, 2710		228
1558	Linearly polarized emission from self-assembled microstructures of mesogenic polythiophenes. <b>2014</b> , 16, 23809-18		6
1557	Constructing New n-Type, Ambipolar, and p-Type Aggregation-Induced Blue Luminogens by Gradually Tuning the Proportion of Tetraphenylethene and Diphenylphosphine Oxide. <b>2014</b> , 118, 8610-8616		27
1556	Synthesis, properties, and applications of poly(ethylene glycol)-decorated tetraphenylethenes. <b>2014</b> , 2, 6192-6198		11
1555	Fluorogen-peptide conjugates with tunable aggregation-induced emission characteristics for bioprobe design. <b>2014</b> , 6, 14302-10		39
1554	Synthesis, structure, photoluminescence, and electroluminescence of siloles that contain planar fluorescent chromophores. <b>2014</b> , 9, 2937-45		22

1553	AIPE-active green phosphorescent iridium(III) complex impregnated test strips for the vapor-phase detection of 2,4,6-trinitrotoluene (TNT). <b>2014</b> , 2, 515-523		65
1552	Efficient delayed fluorescence via triplet-triplet annihilation for deep-blue electroluminescence. <i>Chemical Communications</i> , <b>2014</b> , 50, 6869-71	5.8	88
1551	Alkyl-triphenylamine end-capped triazines with AIE and large two-photon absorption cross-sections for bioimaging. <b>2014</b> , 2, 6353-6361		52
1550	Benzothiazoline Three-Coordinated Organoboron Compounds with a B-N Bond: Dual Emission and Temperature-Dependent Excimer Fluorescence. <b>2014</b> , 33, 5483-5491		13
1549	Turn-on phosphorescence by metal coordination to a multivalent terpyridine ligand: a new paradigm for luminescent sensors. <b>2014</b> , 136, 6395-400		181
1548	Tunable light emission from co-assembled structures of benzothiadiazole molecules. <i>Chemical Communications</i> , <b>2014</b> , 50, 5600-3	5.8	6
1547	Aggregation-induced emission active D-EA binaphthyl luminophore with dual-mode fluorescence. <b>2014</b> , 4, 33474		22
1546	Large red-shifted fluorescent emission via intermolecular $\pi$ -stacking in 4-ethynyl-1,8-naphthalimide-based supramolecular assemblies. <b>2014</b> , 30, 11753-60		115
1545	Stimuli-Responsive Fluorescence of AIE Elastomer Based on PDMS and Tetraphenylethene. <b>2014</b> , 47, 6382-6388		53
1544	Arylacetylene-substituted naphthalene diimides with dual functions: optical waveguides and n-type semiconductors. <b>2014</b> , 9, 3207-14		26
1543	A thienyl peripherally substituted rubrene analogue with constant emissions and good film forming ability. <b>2014</b> , 2, 8222-8225		10
1542	Self-assembled tetraphenylethylene macrocycle nanofibrous materials for the visual detection of copper(II) in water. <b>2014</b> , 2, 2353-2359		111
1541	Polymer-encapsulated organic nanoparticles for fluorescence and photoacoustic imaging. <b>2014</b> , 43, 6570-97		762
1540	Aggregation-induced emission behavior of a pincer platinum(II) complex bearing a poly(ethylene oxide) chain in aqueous solution. <b>2014</b> , 772-773, 139-142		8
1539	Unique effects of the chain lengths and anions of tetra-alkylammonium salts on quenching pyrene excimer. <b>2014</b> , 6, 14801-11		8
1538	Luminescence Properties of Compressed Tetraphenylethene: The Role of Intermolecular Interactions. <b>2014</b> , 5, 2968-73		121
1537	Ratiometric fluorescent biosensor for hyaluronidase with hyaluronan as both nanoparticle scaffold and substrate for enzymatic reaction. <b>2014</b> , 15, 3383-9		47
1536	Ultra-stable biocompatible cross-linked fluorescent polymeric nanoparticles using AIE chain transfer agent. <b>2014</b> , 5, 3758		52

1535	Interfacing a tetraphenylethene derivative and a smart hydrogel for temperature-dependent photoluminescence with sensitive thermoresponse. <b>2014</b> , 6, 4650-7	45
1534	Fluorometric sensing of Hg <sup>2+</sup> ions in aqueous medium by nano-aggregates of a tripodal receptor. <b>2014</b> , 12, 2302-9	32
1533	Aggregation effects on the optical emission of 1,1,2,3,4,5-hexaphenylsilole (HPS): a QM/MM study. <b>2014</b> , 118, 9094-104	92
1532	Water-Soluble Poly( $\epsilon$ -propargyl-L-glutamate) Containing Pendant Sulfonate Ions and Terminal Fluorophore: Aggregation-Enhanced Emission and Secondary Structure. <b>2014</b> , 47, 4037-4047	13
1531	Structure-dependent emission of polytriazoles. <b>2014</b> , 5, 2301	31
1530	Twisted intramolecular charge transfer, aggregation-induced emission, supramolecular self-assembly and the optical waveguide of barbituric acid-functionalized tetraphenylethene. <b>2014</b> , 2, 1801	73
1529	Luminescence of triarylphosphines and their application to detection of elemental chlorine in aqueous solution. <b>2014</b> , 6, 2432-2435	4
1528	Anion detection by aggregation-induced enhanced emission (AIEE) of urea-functionalized tetraphenylethylenes. <b>2014</b> , 55, 4810-4813	20
1527	Fluorescence detection of DNA hybridization based on the aggregation-induced emission of a perylene-functionalized polymer. <b>2014</b> , 6, 11136-41	33
1526	Dual-modal MRI contrast agent with aggregation-induced emission characteristic for liver specific imaging with long circulation lifetime. <b>2014</b> , 6, 10783-91	58
1525	Ultrabright organic dots with aggregation-induced emission characteristics for cell tracking. <b>2014</b> , 35, 8669-77	84
1524	Ultrabright and biocompatible AIE dye based zwitterionic polymeric nanoparticles for biological imaging. <b>2014</b> , 4, 35137-35143	42
1523	Construction of Efficient Solid Emitters with Tetraphenylethene Trimers for Non-doped Blue OLEDs. <b>2014</b> , 54, 931-934	10
1522	Small molecules based on diphenylamine and carbazole with large two-photon absorption cross sections and extraordinary AIEE properties. <b>2014</b> , 4, 38939-38942	19
1521	A New Strategy To Access Polymers with Aggregation-Induced Emission Characteristics. <b>2014</b> , 47, 5586-5594	51
1520	Preparation of functionalized water-soluble photoluminescent carbon quantum dots from petroleum coke. <b>2014</b> , 78, 480-489	171
1519	Copper-Catalyzed Polycoupling of Dienes, Primary Amines, and Aldehydes: A New One-Pot Multicomponent Polymerization Tool to Functional Polymers. <b>2014</b> , 47, 4908-4919	82
1518	Synthesis of 4-chalcogeno-1-aza-1,3-butadiene derivatives by intramolecular cyano-Diels-Alder reaction and borane-coordination-induced fluorescence enhancement. <b>2014</b> , 79, 7951-60	11



1517	Amphiphilic star copolymer-based bimodal fluorogenic/magnetic resonance probes for concomitant bacteria detection and inhibition. <b>2014</b> , 26, 6734-41	112
1516	Facile tuning of the aggregation-induced emission wavelength in a common framework of a cyclometalated iridium(III) complex: micellar encapsulated probe in cellular imaging. <b>2014</b> , 2, 5615-5628	46
1515	Targeted bioimaging and photodynamic therapy of cancer cells with an activatable red fluorescent bioprobe. <b>2014</b> , 86, 7987-95	236
1514	2,6,9,10-Tetra(p-dibutylaminostyryl)anthracene as a multifunctional fluorescent cruciform dye. <b>2014</b> , 2, 9028-9034	32
1513	Restriction of intramolecular motions: the general mechanism behind aggregation-induced emission. <b>2014</b> , 20, 15349-53	386
1512	Morphology and Emission Tuning in Fluorescent Nanoparticles Based on Phenylenediacetonitrile. <b>2014</b> , 118, 25261-25271	17
1511	Red Emissive Biocompatible Nanoparticles from Tetraphenylethene-Decorated BODIPY Luminogens for Two-Photon Excited Fluorescence Cellular Imaging and Mouse Brain Blood Vascular Visualization. <b>2014</b> , 31, 481-491	69
1510	Synthesis and aggregation-induced fluorescence emission properties of boron-containing derivatives that respond to viscous alcohols. <b>2014</b> , 38, 6088-6094	5
1509	Supramolecular assembly of melamine and its derivatives: nanostructures to functional materials. <b>2014</b> , 4, 1708-1734	95
1508	Weak intermolecular interactions promote blue luminescence of protonated 2,2'-dipyridylamine salts. <b>2014</b> , 2, 8285-8294	13
1507	Catalyst-Free Thiolene Click Polymerization: A Powerful and Facile Tool for Preparation of Functional Poly(vinylene sulfide)s. <b>2014</b> , 47, 1325-1333	102
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1335	Molecular amorphous glasses toward large azomethine crystals with aggregation-induced emission. <b>2015</b> , 39, 6404-6420		12
1334	1,3,2,5-Diazadiborinine featuring nucleophilic and electrophilic boron centres. <b>2015</b> , 6, 7340		73
1333	A novel type of AIE material as a highly selective fluorescent sensor for the detection of cysteine and glutathione. <b>2015</b> , 5, 55165-55169		10
1332	Piezofluorochromic Metal-Organic Framework: A Microscissor Lift. <b>2015</b> , 137, 10064-7		184
1331	AIE luminogen-functionalised mesoporous nanomaterials for efficient detection of volatile gases. <i>Chemical Communications</i> , <b>2015</b> , 51, 13830-3	5.8	35
1330	Synthesis, aggregation-induced emission and electroluminescence properties of a novel compound containing tetraphenylethene, carbazole and dimesitylboron moieties. <b>2015</b> , 3, 9095-9102		17
1329	Multiple stimuli-responsive and reversible fluorescence switches based on a diethylamino-functionalized tetraphenylethene. <b>2015</b> , 3, 9103-9111		53
1328	Aggregation-induced emission of siloles. <b>2015</b> , 6, 5347-5365		411
1327	Stereochemical modulation of emission behaviour in E/Z isomers of diphenyldipyrroethene from aggregation induced emission to crystallization induced emission. <b>2015</b> , 17, 19465-73		34
1326	Silica shelled and block copolymer encapsulated red-emissive AIE nanoparticles with 50% quantum yield for two-photon excited vascular imaging. <i>Chemical Communications</i> , <b>2015</b> , 51, 13416-9	5.8	40
1325	Fluorescent Molecular Rotor-in-Paraffin Waxes for Thermometry and Biometric Identification. <b>2015</b> , 7, 14485-92		24
1324	Fabrication of cross-linked fluorescent polymer nanoparticles and their cell imaging applications. <b>2015</b> , 3, 1854-1860		37
1323	Fabrication of stable and biocompatible red fluorescent glycopolymer nanoparticles for cellular imaging. <b>2015</b> , 71, 5452-5457		21
1322	Dipyrrolylquinoxaline difluoroborates with intense red solid-state fluorescence. <b>2015</b> , 44, 13897-905		11
1321	A diethylaminophenol functionalized Schiff base: crystallization-induced emission-enhancement, switchable fluorescence and application for security printing and data storage. <b>2015</b> , 3, 7446-7454		62
1320	Transformation of photophysical properties from solution to solid state in alkoxy-cyano-diphenylacetylene molecules. <b>2015</b> , 17, 18768-79		3

1319	A fluorescent probe with aggregation-induced emission characteristics for distinguishing homocysteine over cysteine and glutathione. <b>2015</b> , 3, 8397-8402		56
1318	Probes based on diketopyrrolopyrrole and anthracenone conjugates with aggregation-induced emission characteristics for pH and BSA sensing. <b>2015</b> , 221, 155-166		41
1317	A "keto-enol tautomerization"-based response mechanism: a novel approach to stimuli-responsive supramolecular gel. <i>Chemical Communications</i> , <b>2015</b> , 51, 12224-7	5.8	37
1316	A pH-responsive fluorescent [5]pseudorotaxane formed by self-assembly of cationic water-soluble pillar[5]arenes and a tetraphenylethene derivative. <i>Chemical Communications</i> , <b>2015</b> , 51, 12220-3	5.8	22
1315	Nanobelts of hexagonal columnar crystal lattice through ionic self-assembly. <b>2015</b> , 293, 2877-2882		1
1314	SERS and NMR Studies of Typical Aggregation-Induced Emission Molecules. <b>2015</b> , 119, 8049-54		18
1313	Solvophobic control aggregation-induced emission of tetraphenylethene-substituted naphthalene diimide via intramolecular charge transfer. <b>2015</b> , 5, 63130-63134		23
1312	Electrostatic Polyion Micelles with Fluorescence and MRI Dual Functions. <b>2015</b> , 31, 7926-33		16
1311	A green miniemulsion-based synthesis of polymeric aggregation-induced emission nanoparticles. <b>2015</b> , 6, 6378-6385		18
1310	Aggregation-Induced Emission of Organogels Based on Self-Assembled 5-(4-Nonylphenyl)-7-azaindoles. <b>2015</b> , 31, 8697-702		24
1309	Push-pull fluorophores with viscosity dependent and aggregation induced emissions insensitive to polarity. <b>2015</b> , 122, 359-367		17
1308	Coupling of chromophores with exactly opposite luminescence behaviours in mesostructured organosilicas for high-efficiency multicolour emission. <b>2015</b> , 6, 6097-6101		58
1307	Reversible fluorescence switching and topochemical conversion in an organic AEE material: polymorphism, defection and nanofabrication mediated fluorescence tuning. <b>2015</b> , 3, 8381-8388		67
1306	Rigidity-induced emission enhancement of network polymers crosslinked by tetraphenylethene derivatives. <b>2015</b> , 3, 8504-8509		20
1305	A new family of light-emissive symmetric squarylium dyes in the solid state. <b>2015</b> , 122, 134-138		19
1304	Biocompatible Green and Red Fluorescent Organic Dots with Remarkably Large Two-Photon Action Cross Sections for Targeted Cellular Imaging and Real-Time Intravital Blood Vascular Visualization. <b>2015</b> , 7, 14965-74		77
1303	A light-up probe with aggregation-induced emission characteristics (AIE) for selective imaging, naked-eye detection and photodynamic killing of Gram-positive bacteria. <i>Chemical Communications</i> , <b>2015</b> , 51, 12490-3	5.8	148
1302	Aggregation induced emission (AIE) active $\beta$ -ketoiminate boron complexes: Synthesis, photophysical and electrochemical properties. <b>2015</b> , 122, 85-93		15

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1298	Novel helical assembly of a Pt(II) phenylbipyridine complex directed by metal-metal interaction and aggregation-induced circularly polarized emission. <b>2015</b> , 44, 13156-62	63
1297	Green synthesis of fluorescent copper nanoclusters for reversible pH-sensors. <b>2015</b> , 220, 1064-1069	47
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1295	Packing directed beneficial role of 3-D rigid alicyclic arms on the templated molecular aggregation problem. <b>2015</b> , 5, 61249-61257	3
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1289	Aggregation-induced phosphorescence enhancement (AIPE) based on transition metal complexes: An overview. <b>2015</b> , 23, 25-44	80
1288	Donor-bridge-acceptor fluorescent polymers based on thiophene and triphenylamine derivatives as solution processable electrochromic materials. <b>2015</b> , 23, 116-123	37
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1283	Red fluorescent luminogen from pyrrole derivatives with aggregation-enhanced emission for cell membrane imaging. <i>Chemical Communications</i> , <b>2015</b> , 51, 8555-8	5.8	51
1282	High solid-state luminescence in propeller-shaped AIE-active pyridine-ketoiminate-boron complexes. <b>2015</b> , 13, 5775-82		37
1281	Efficient green-red piezofluorochromism of bisanthracene-modified dibenzofulvene. <b>2015</b> , 5, 1079-1082		19
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1278	Turn-on sensing for Ag <sup>+</sup> based on AIE-active fluorescent probe and cytosine-rich DNA. <b>2015</b> , 407, 2625-30		30
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1276	Modulation of aggregation-induced emission and electroluminescence of silole derivatives by a covalent bonding pattern. <b>2015</b> , 21, 8137-47		31
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1272	N-type pyrazine and triazole-based luminogens with aggregation-enhanced emission characteristics. <i>Chemical Communications</i> , <b>2015</b> , 51, 10710-3	5.8	28
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1265	White light emitting single polymer from aggregation enhanced emission: a strategy through supramolecular assembly. <b>2015</b> , 3, 4359-4371	41
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1261	Polymeric AIE-based nanoprobe for biomedical applications: recent advances and perspectives. <b>2015</b> , 7, 11486-508	453
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922	Real-time self-tracking of an anticancer small molecule nanodrug based on colorful fluorescence variations. <b>2016</b> , 6, 12472-12478		24
921	Mechanochromic Luminescence and Aggregation Induced Emission of Dinaphthoylethane $\beta$ -Diketones and Their Boronated Counterparts. <b>2016</b> , 8, 1242-51		158
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919	A multi-stimuli responsive AIE-active salicylaldehyde-based Schiff base for sensitive detection of fluoride. <b>2016</b> , 228, 539-550		65
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662	Fluorescence Response and Self-Assembly of a Tweezer-Type Synthetic Receptor Triggered by Complexation with Heme and Its Catabolites. <b>2021</b> , 27, 6489-6499	0
661	Preparation of AIE active and thermoresponsive poly(1-ethenyl-4-(1,2,2-triphenylethenyl)-benzene-b-N-isopropylacrylamide) micelles for cell imaging. <b>2021</b> , 184, 108776	5
660	Approaches for Long Lifetime Organic Light Emitting Diodes. <b>2020</b> , 8, 2002254	45
659	Construction of multi-functional optical sensing materials based on deazapurine-typed carbon dots. <b>2021</b> , 186, 108994	1
658	A facile design of azaanthracene derivatives: ACQ/AIE conversion and blue-shifted mechanofluorochromic emission. <b>2021</b> , 186, 108992	11
657	Metal-Free Synthesis and Photophysical Properties of 1,2,4-Triarylpyrroles. <b>2021</b> , 86, 110-127	6
656	3D printing AIE stereolithography resins with real time monitored printing process to fabricate fluorescent objects. <b>2021</b> , 206, 108526	9
655	Engineered two-dimensional nanomaterials: an emerging paradigm for water purification and monitoring. <b>2021</b> , 8, 758-802	42
654	Research progress on the luminescence of biomacromolecules. <b>2021</b> , 76, 60-75	5

653	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <b>2021</b> , 60, 4833-4840	13
652	From Molecules to Polymers-Harnessing Inter- and Intramolecular Interactions to Create Mechanochromic Materials. <b>2021</b> , 42, e2000573	30
651	Kaempferol as an AIE-active natural product probe for selective Al detection in Arabidopsis thaliana. <b>2021</b> , 249, 119303	8
650	Electron beam-induced preparation of AIE non-woven fabric with excellent fluorescence durability. <b>2021</b> , 541, 148382	5
649	Self-assembled natural biomacromolecular fluorescent hydrogels with tunable red edge effects. <b>2021</b> , 612, 125993	16
648	Engineering an AIE N2H4 fluorescent probe based on Cyanostilbene derivative with large Stokes shift and its versatile applications in solution, solid-state and biological systems. <b>2021</b> , 329, 129232	14
647	Conjugation effect on the aggregation-induced emission of extended viologens. <b>2021</b> , 45, 23-27	3
646	Thermo-responsive polymers with aggregation induced emission. <b>2021</b> , 58, 317-328	4
645	Recent advances in luminescent materials for super-resolution imaging via stimulated emission depletion nanoscopy. <b>2021</b> , 50, 667-690	41
644	Phenylpyridyl-Fused Boroles: A Unique Coordination Mode and Weak B-N Coordination-Induced Dual Fluorescence. <b>2021</b> , 133, 4883-4890	2
643	Singlet oxygen probes: Diversity in signal generation mechanisms yields a larger color palette. <b>2021</b> , 429, 213641	6
642	Nucleic acids induced peptide-based AIE nanoparticles for fast cell imaging. <b>2021</b> , 32, 1571-1574	4
641	Fluorescent sensing of nucleus density assists in identifying tumor cells using an AIE luminogen. <b>2021</b> , 410, 128183	3
640	AIE-based luminescence probes for metal ion detection. <b>2021</b> , 429, 213693	59
639	A viscosity-dependent carbon dots with anti-VEGF properties for monitoring and promoting apoptosis in cancerous cell. <b>2021</b> , 407, 127801	15
638	Wash-free detection and bioimaging by AIEgens. <b>2021</b> , 5, 723-743	10
637	Aggregation-induced emission enhancement (AIEE)-active tetraphenylethene (TPE)-based chemosensor for CN. <b>2021</b> , 245, 118928	15
636	Monodentate AIEgen Anchored on Metal-Organic Framework for Fast Fluorescence Sensing of Phosphate. <b>2021</b> , 39, 99-105	5



635	Unique interplay between Zn <sup>2+</sup> and nZnO determined the dynamic cellular stress in zebrafish cells. <b>2021</b> , 8, 2324-2335		0
634	CH/Interaction-driven self-assembly of tetraphenylethylene derivatives into the face to face arrangement.. <b>2021</b> , 11, 2377-2382		3
633	Photopolymerization and Characterization of Tetraphenylethylene-Doped Luminescent Polymer. <b>2021</b> , 759-765		
632	Aggregation-Induced Generation of Reactive Oxygen Species: Mechanism and Photosensitizer Construction. <b>2021</b> , 26,		19
631	Quantum-sized silicon for enhanced photoluminescence and optical nonlinearity.		1
630	Utilizing the coffee-ring effect to synthesize tin tetraiodide intercalated fullerene (C <sub>60</sub> ) microcrystals by evaporative-driven self-assembly with enhanced photoluminescence. <b>2021</b> , 45, 11992-11998		0
629	AIE-active polyelectrolyte based photosensitizers: the effects of structure on antibiotic-resistant bacterial sensing and killing and pollutant decomposition. <b>2021</b> , 9, 5309-5317		1
628	Studies of cyanomethylcarbamoyl-bridged anthracene and pyrene fluorophores. <b>2021</b> , 45, 17366-17376		0
627	Dual-state efficient chromophore with pH-responsive and solvatofluorochromic properties based on an asymmetric single benzene framework. <i>Chemical Communications</i> , <b>2021</b> , 57, 4011-4014	5.8	5
626	Synthesis, Structure and Photophysical Properties of 1,8-Naphthalimidyl-Derived Schiff Base and Its Boron Complex. <b>2021</b> , 47, 88-94		
625	Enhanced emission under proton stimuli based on a phenanthroimidazole derivative by switching the excited state type from the CT to the LE state. <b>2021</b> , 9, 10226-10231		1
624	A "flexible" carborane-cored luminogen: variable emission behaviours in aggregates. <b>2021</b> , 50, 8029-8035		6
623	Simple anthracene derivatives: different mechanoluminescence properties tailored only by a thiophene group. <b>2021</b> , 5, 6865-6872		2
622	Metal Nanostructures for Environmental Pollutant Detection Based on Fluorescence. <b>2021</b> , 11,		8
621	Responsive organoboranes with dynamic conformation of octacyclophane-type scaffolds: synthesis, AIE and temperature-dependent dual emissions.		1
620	Hydrazine Detection during Ammonia Electro-oxidation Using an Aggregation-Induced Emission Dye. <b>2021</b> , 143, 2433-2440		18
619	Long-wavelength visible to near infrared photoluminescence from carbon-bridged styrylstilbene and thiazole conjugates in organic and aqueous media.. <b>2021</b> , 11, 6008-6013		1
618	A Novel Fluorescent Probe for ATP Detection Based on Synergetic Effect of Aggregation-induced Emission and Counterion Displacement. <b>2021</b> , 37, 166-170		1

617	Discovery of and insights into one-photon and two-photon excited ACQ-to-AIE conversion via positional isomerization. <b>2021</b> , 9, 11679-11689		6
616	Insights into molecular packing effects on the emission properties of fluorenone-based molecules in the aggregate state.		2
615	Quantitative interrogation of protein co-aggregation using multi-color fluorogenic protein aggregation sensors. <b>2021</b> , 12, 8468-8476		7
614	A Theoretical and Experimental Study on the Potential Luminescent and Biological Activities of Diaminodicyanoquinodimethane Derivatives. <b>2021</b> , 22,		1
613	Illuminating amyloid fibrils: Fluorescence-based single-molecule approaches. <b>2021</b> , 19, 4711-4724		1
612	Hydrogen-bond-driven dimers of naphthyridine derivatives for selective identification of DNA G-quadruplexes. <b>2021</b> , 19, 4768-4774		2
611	Investigating the structurefluorescence properties of tetraphenylethylene fused imidazole AIEgens: reversible mechanofluorochromism and polymer matrix controlled fluorescence tuning. <b>2021</b> , 23, 5403-5410		1
610	State-crossing from a Locally Excited to an Electron Transfer State(SLEET) Model Rationalizing the Aggregation-induced Emission Mechanism of (Bi)piperidylanthracenes. <b>2021</b> , 37, 157-161		4
609	Unique PDT and PTT synergistic effect between TPE and BODIPY. <i>Chemical Communications</i> , <b>2021</b> , 57, 10035-10038	5.8	2
608	Advances in Fluorinated Organometallic Complexes with Aggregation-Induced Emission Characteristics. <b>2021</b> , 41, 504		0
607	Pressure-induced excimer formation and fluorescence enhancement of an anthracene derivative. <b>2021</b> , 9, 934-938		6
606	An AIE-based Fluorescent Probe for Detection of Picric Acid in Water. <b>2021</b> , 50, 103-105		2
605	Fluorescence sensors for detection of water based on tetraphenylethyleneanthracene possessing both solvatofluorochromic properties and aggregation-induced emission (AIE) characteristics. <b>2021</b> , 45, 4164-4173		11
604	The effect of alkyl chain lengths on the red-to-near-infrared emission of boron-fused azomethine conjugated polymers and their film-state stimuli-responsivities. <b>2021</b> , 12, 2752-2759		5
603	Four orders-of-magnitude enhancement in the two-photon excited photoluminescence of homoleptic gold thiolate nanoclusters following zinc ion-induced aggregation. <b>2021</b> , 13, 4439-4443		5
602	AIE-based donoracceptor donor fluorenone compound as multi-functional luminescence materials.		0
601	Supramolecular polymorphism in aggregates of a boron-difluoride complex of peri-naphthoindigo via solvent- and pathway-dependent self-assembly. <b>2021</b> , 8, 5432-5439		3
600	Crystal-packing modes determine the solid-state ESIPT fluorescence in highly dipolar 2'-hydroxychalcones. <b>2021</b> , 9, 12727-12731		2

599	White-Light Emissive Materials Based on Supramolecular Approach. <b>2021</b> , 409-443	
598	AIE-Based Fluorescent Nanosensors for Detection of Heavy Metal Ions. <b>2021</b> , 53-96	
597	Antitumor/antiviral carbon quantum dots based on carrageenan and pullulan. <b>2021</b> , 170, 688-700	21
596	Self-Assembled Photonic Microsensors with Strong Aggregation-Induced Emission for Ultra-Trace Quantitative Detection. <b>2021</b> , 15, 5534-5544	11
595	Synthesis, Structure and Photophysical Properties of a New Class of Inherently Chiral Boron(III) Chelates-The tert-Leucine Complexes. <b>2021</b> , 27, 5246-5258	1
594	Rational Design of an ICT-Based Chemodosimeter with Aggregation-Induced Emission for Colorimetric and Ratiometric Fluorescent Detection of Cyanide in a Wide pH Range. <b>2021</b> , 6, 5287-5296	16
593	Unraveling the Important Role of High-Lying Triplet-Lowest Excited Singlet Transitions in Achieving Highly Efficient Deep-Blue AIE-Based OLEDs. <b>2021</b> , 33, e2006953	20
592	N-Doped Yellow-Emissive Carbon Nanodots from Gallic Acid: Reaction Engineering, Stimuli-Responsive Red Emission, and Intracellular Localization. <b>2021</b> , 125, 5748-5759	3
591	Microcrystal Electron Diffraction Elucidates Water-Specific Polymorphism-Induced Emission Enhancement of Bis-arylacylhydrazone. <b>2021</b> , 13, 7546-7555	3
590	Acridine N-Heterocyclic Carbene Gold(I) Compounds: Tuning from Yellow to Blue Luminescence. <b>2021</b> , 16, 521-529	3
589	Oxygen-Deficient Stannic Oxide/Graphene for Ultrahigh-Performance Supercapacitors and Gas Sensors. <b>2021</b> , 11,	1
588	Supramolecular Design Strategies for Color Tuning of Iridium(III) Complexes Using a Common Framework of Cyclometalating Ligands. <b>2021</b> , 125, 4730-4742	4
587	Cellular uptake of a cationic amphiphilic fluorophore in the form of assemblies via Clathrin-dependent endocytosis. <b>2021</b> , 200, 109464	0
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584	Acetate ion augmented fluorescence sensing of Zn <sup>2+</sup> by Salen-based probe, AIE character, and application for picric acid detection. <b>2021</b> , 2, 447	1
583	Pyrene-Based Nonwoven Fabric with Tunable Fluorescence Properties by Employing the Aggregation-Caused Quenching Effect. <b>2021</b> , 13, 9036-9042	6
582	High-Yield Synthesis of AIE-Type Au <sub>22</sub> (SG) <sub>18</sub> Nanoclusters through Precursor Engineering and Its pH-Dependent Size Transformation. <b>2021</b> , 125, 4066-4076	5

581	Recent Advances on Fabrication of Polymeric Composites Based on Multicomponent Reactions for Bioimaging and Environmental Pollutant Removal. <b>2021</b> , 42, e2000563	2
580	Aggregation-induced emission properties of pyridyl-containing tetra-arylethenes. <b>2021</b> , 36, 958-963	
579	Exploring the Scope of Through-Space Charge-Transfer Thermally Activated Delayed Fluorescence in Acrylic Donor-Acceptor Copolymers. <b>2021</b> , 54, 2466-2476	7
578	Review Aggregation-Induced Emission in Carbon Dots for Potential Applications. <b>2021</b> , 10, 021001	6
577	Recovering the Thermally Activated Delayed Fluorescence in Aggregation-Induced Emitters of Carborane. <b>2021</b> , 60, 4705-4716	6
576	AI-Egen-enhanced protein imaging: Probe design and sensing mechanisms. <b>2021</b> , 2, e41	4
575	Ratiometric fluorescent detection of hypochlorite in aqueous solution and living cells using an ionic probe with aggregation-induced emission feature. <b>2021</b> , 330, 129324	7
574	Lead halide perovskites with aggregation-induced emission feature coupled with gold nanoparticles for fluorescence detection of heparin. <b>2021</b> ,	0
573	Achieving flexibility/rigidity balance through asymmetric Donor-Acceptor scaffolds in pursuit of dual state emission with application in acidochromism. <b>2021</b> , 187, 109117	7
572	Structure-property and bioimaging application of the difunctional polyarylene ether nitrile with AIEE feature and carboxyl group. <b>2021</b> , 217, 123459	3
571	Self-Assembled 2,3-Dicyanopyrazino Phenanthrene Aggregates as a Visible-Light Photocatalyst. <b>2021</b> , 86, 5016-5025	0
570	Synthesis and Photophysical Properties of Multi-Functional Bisimidazolyl Phenol Zinc (II) Complex: Application in OLED, Anti-Counterfeiting and Latent Finger Print Detection. <b>2021</b> , 6, 3033-3039	2
569	Recent Applications of Aggregation Induced Emission Probes for Antimicrobial Peptide Studies. <b>2021</b> , 16, 1027-1040	5
568	Tetraphenylethene-based fluorescent probe with aggregation-induced emission behavior for Hg detection and its application. <b>2021</b> , 1148, 238178	15
567	Novel chloramphenicol sensor based on aggregation-induced electrochemiluminescence and nanozyme amplification. <b>2021</b> , 176, 112944	26
566	Aggregation-Induced Emission: From Small Molecules to Polymers-Historical Background, Mechanisms and Photophysics. <b>2021</b> , 379, 15	12
565	Fluorine-defects induced solid-state red emission of carbon dots with an excellent thermosensitivity. <b>2021</b> , 32, 3646-3646	4
564	Chemical Design and Physical Properties of Dynamic Molecular Assemblies. <b>2021</b> , 94, 1400-1420	14

563	Tetraphenylethylene-conjugated polycation covered iron oxide nanoparticles for magnetic resonance/optical dual-mode imaging. <b>2021</b> , 8, rbab023	3
562	Synthesis and properties of tetraphenylethylene derivatives with different chiral substituents: From helical supermolecular structure to circularly polarized luminescence. <b>2021</b> , 188, 109148	3
561	Recent Process of Photo-responsive Materials with Aggregation-induced Emission. <b>2021</b> , 37, 598-614	1
560	Detecting lipid droplets polarity: Silicone-based unique fluorescent probe for cancer diagnosis in living cells. <b>2021</b> , 225, 122059	7
559	Detection of Urinary Albumin Using a "Turn-on" Fluorescent Probe with Aggregation-Induced Emission Characteristics. <b>2021</b> , 16, 1245-1252	10
558	Tough and fluorescent hydrogels composed of poly(hydroxyurethane) and poly(stearyl acrylate-co-acrylic acid) with hydrophobic associations and hydrogen bonds as the physical crosslinks. <b>2021</b> , 59, 904-911	5
557	What Leads to Aggregation-Induced Emission?. <b>2021</b> , 12, 4218-4226	7
556	FRET imaging revealed that nanocrystals enhanced drug oral absorption by dissolution rather than endocytosis: A case study of coumarin 6. <b>2021</b> , 332, 225-232	7
555	Traceable Nanocluster-Prodrug Conjugate for Chemo-photodynamic Combinatorial Therapy of Non-small Cell Lung Cancer.. <b>2021</b> , 4, 3232-3245	2
554	Regulation of aggregation-induced emission color of Cyanostilbene luminogens through donor engineering of amino derivatives. <b>2021</b> , 69, 152972	2
553	An AIE active BODIPY based fluorescent probe for selective sensing of Hg <sup>2+</sup> via dual mechanism PET and CHEF. <b>2021</b> , 25, 493-499	0
552	Organic Nanoparticles-Assisted Low-Power STED Nanoscopy. <b>2021</b> , 21, 3487-3494	9
551	Fluorescence "Turn-On" Enzyme-Responsive Supra-Amphiphile Fabricated by Host-Guest Recognition between Cyclodextrin and a Tetraphenylethylene-Sodium Glycyrrhetinate Conjugate. <b>2021</b> , 37, 6062-6068	7
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549	Enantioselective Self-Assembled Nanofibrillar Network with Glutamide-Based Organogelator. <b>2021</b> , 11,	
548	Effect of Conjugation on aggregation-induced emission of Cyanostilbene incorporated polycyclic aromatic hydrocarbons. <b>2021</b> , 412, 113247	1
547	Photoresponsive aggregation-induced emission polymer film for anti-counterfeiting. <b>2021</b> , 32, 3882-3882	1
546	Fabrication of Gradient and Patterned Organic Thin Films by Bipolar Electrolytic Micelle Disruption Using Redox-Active Surfactants. <b>2021</b> , 133, 14741-14750	2

545	Antiviral and Anti-Inflammatory Treatment with Multifunctional Alveolar Macrophage-Like Nanoparticles in a Surrogate Mouse Model of COVID-19. <b>2021</b> , 8, 2003556	4
544	Dual chemosensors for metal ions: A comprehensive review. <b>2021</b> , 138, 116204	13
543	Fabrication of Gradient and Patterned Organic Thin Films by Bipolar Electrolytic Micelle Disruption Using Redox-Active Surfactants. <b>2021</b> , 60, 14620-14629	1
542	Photoluminescent Carbon Quantum Dots: Synthetic Approaches and Photophysical Properties. <b>2021</b> , 27, 9466-9481	3
541	An Olefin Copolymer with Aggregation-Induced Emission Characteristics Synthesized by Using Metallocene Catalyst. <b>2021</b> , 306, 2100011	
540	Synthesis, self-assembly and thermoresponsive behavior of Poly(lactide-co-glycolide)-b-Poly(ethylene glycol)-b-Poly(lactide-co-glycolide) copolymer in aqueous solution. <b>2021</b> , 223, 123673	1
539	Trace-Level Humidity Sensing from Commercial Organic Solvents and Food Products by an AIE/ESIPT-Triggered Piezochromic Luminogen and ppb-Level "OFF-ON-OFF" Sensing of Cu: A Combined Experimental and Theoretical Outcome. <b>2021</b> , 6, 14104-14121	17
538	Development of Diketopyrrolopyrrole-Based Smart Inks by Substituting Ionic Pendants and Engineering Molecular Packing Structures. <b>2021</b> , 13, 31206-31214	2
537	Zn(II) cation-induced solution emission of 4-(4-(1,2,2-triphenylvinyl)phenyl)benzoic acid: Intuitionistic evidence of RIM mechanism. <b>2021</b> , 1234, 130128	
536	HOFs under light: Relevance to photon-based science and applications. <b>2021</b> , 47, 100418	9
535	Aggregation-Induced Emission in Electrochemiluminescence: Advances and Perspectives. <b>2021</b> , 379, 31	5
534	Recent Advances in Colorimetric and Fluorescent Chemosensors for Ionic Species: Design, Principle and Optical Signalling Mechanism. <b>2021</b> , 6, 5657-5669	9
533	Large-Area Semi-Transparent Luminescent Solar Concentrators Based on Large Stokes Shift Aggregation-Induced Fluorinated Emitters Obtained Through a Sustainable Synthetic Approach. <b>2021</b> , 9, 2100182	14
532	Ultrabright Fluorescent Polymeric Nanofibers and Coatings Based on Ionic Dye Insulation with Bulky Counterions. <b>2021</b> , 13, 28889-28898	6
531	AIEgens enabled ultrasensitive point-of-care test for multiple targets of food safety: Aflatoxin B and cyclopiazonic acid as an example. <b>2021</b> , 182, 113188	27
530	Structure-Property Relationships in Photoluminescent Bismuth Halide Organic Hybrid Materials. <b>2021</b> , 60, 9727-9744	3
529	Anisotropic Two-Photon Absorption and Second Harmonic Generation in Single Crystals of Silver(I) Coordination Complexes. <b>2021</b> , 13, 31891-31897	0
528	Rational Design of Crystallization-Induced-Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. <b>2021</b> , 60, 16067-16076	11

527	Rational Design of Crystallization-Induced-Emission Probes To Detect Amorphous Protein Aggregation in Live Cells. <b>2021</b> , 133, 16203-16212	0
526	Bioinspired Solid-State Nanochannel Sensors: From Ionic Current Signals, Current, and Fluorescence Dual Signals to Faraday Current Signals. <b>2021</b> , 17, e2100495	3
525	Non-toxic near-infrared light-emitting diodes. <b>2021</b> , 24, 102545	4
524	Bioactivated in vivo assembly (BIVA) peptide-tetraphenylethylene (TPE) probe with controllable assembled nanostructure for cell imaging. <b>2021</b> , 32, 1947-1952	5
523	A portable AIEgen-based organic fluorescence sensor design and its reusable application in information storage and pH detection. <b>2021</b> , 92, 132258	1
522	Water-Soluble Blue Fluorescent Nonconjugated Polymer Dots from Hyaluronic Acid and Hydrophobic Amino Acids. <b>2021</b> , 6, 17890-17901	4
521	Aggregation induced emission of chalcones. 1	3
520	Gated Photoreactivity of Pyrene Copolymers in Multiresponsive Cross-Linked starPEG-Hydrogels.	4
519	How Do Molecular Motions Affect Structures and Properties at Molecule and Aggregate Levels?. <b>2021</b> , 143, 11820-11827	7
518	Zinc (II) and AIEgens: The "Clip Approach" for a Novel Fluorophore Family. A Review. <b>2021</b> , 26,	12
517	TPE based aggregation induced emission fluorescent sensors for viscosity of liquid and mechanical properties of hydrogel. <b>2021</b> , 33, 252-252	1
516	An anionic tetraphenyl ethylene based simple and rapid fluorescent probe for detection of trypsin and paraoxon methyl. <b>2021</b> , 333, 115980	9
515	Imidazole-Pyrene Hybrid Luminescent Materials for Organic Light-Emitting Diodes: Synthesis, Characterization & Electroluminescent Properties. <b>2021</b> , 1236, 130306	2
514	Stiff and tough PDMS-MMT layered nanocomposites visualized by AIE luminogens. <b>2021</b> , 12, 4539	17
513	Novel AIE luminescent tetraphenylethene-doped poly (lactic acid) composites for fused deposition modeling and their application in fluorescent analysis of 3D printed products. <b>2021</b> , 219, 108898	2
512	Mechanically Interlocked Molecules for Biomedical Applications. <b>2021</b> , 2021, 5106	5
511	Strong, Removable, and Photoluminescent Hyperbranched Polyamide-amine Hot Melt Adhesive. <b>2021</b> , 39, 1319-1327	3
510	Tetraphenylethene-decorated difluoroboron $\beta$ -diketonates with terminal chiral $\beta$ -phenylethylamine: Aggregation-induced emission, circularly polarized luminescence and mechanofluochromism. <b>2021</b> , 192, 109396	5



509	Insights into Optical Probes Based on Aggregation-Induced Emission: from Restriction of Intramolecular Motions to Dark State. <b>2021</b> , 9, 2100832	4
508	AIEgens for Bacterial Imaging and Ablation. <b>2021</b> , e2100877	4
507	PEG-Polymer Encapsulated Aggregation-Induced Emission Nanoparticles for Tumor Theranostics. <b>2021</b> , e2101036	12
506	Photodynamic control of harmful algal blooms by an ultra-efficient and degradable AIEgen-based photosensitizer. <b>2021</b> , 417, 127890	2
505	Water-soluble ionic liquid as a fluorescent probe towards distinct binding and detection of 2,4,6-trinitrotoluene and 2,4,6-trinitrophenol in aqueous medium. <b>2022</b> , 286, 131825	3
504	Review on application of perylene diimide (PDI)-based materials in environment: Pollutant detection and degradation. <b>2021</b> , 780, 146483	11
503	Synthesis of New AIEE-Active Chalcones for Imaging of Mitochondria in Living Cells and Zebrafish In Vivo. <b>2021</b> , 22,	2
502	Multifarious impact of Rhodanine acceptor group on the optical properties of some semiconductor probes.	2
501	Strategies to increase the quantum yield: Luminescent methoxylated imidazo[1,5-a]pyridines. <b>2021</b> , 192, 109455	7
500	Solvent-induced terbium-emission in a fluorene-co-terpyridine metallopolymer. <b>2021</b> , 229, 123990	4
499	A tetrazine-fused aggregation induced emission luminogen for bioorthogonal fluorogenic bioprobe. <b>2021</b> , 340, 129966	2
498	Bridging the Void: Halogen Bonding and Aromatic Interactions to Program Luminescence and Electronic Properties of $\pi$ Conjugated Materials in the Solid State. <b>2021</b> , 33, 6640-6661	4
497	Topology-Controlled AIEE of Iminocoumarin Luminophores. <b>2021</b> , 16, 2723-2728	1
496	Long-Wavelength AIE-Based Fluorescent Probes for Mitochondria-Targeted Imaging and Photodynamic Therapy of Hepatoma Cells.. <b>2021</b> , 4, 7016-7024	3
495	Aggregation-induced emission of copper nanoclusters. e112	5
494	Solid-state emissive biphenylene bridged bisaroyl-S,N-ketene acetals as distinct aggregation-induced enhanced emitters and fluorometric probes. e105	1
493	Sensitive Mechanofluorochromic Carbon Dot-Based AIEgens: Promising Reporting Components for Self-Sensing Plastics. <b>2021</b> , 9, 2101092	3
492	Long-Range Charge Transportation Induced Organic HostGuest Dual Color Long Persistent Luminescence. 2101337	4

491	Photocatalysis in Supramolecular Fluorescent Metallacycles and Metallacages. <b>2021</b> , 16, 3805-3816	4
490	Lighted up by hydrogen-bonding: luminescence behavior and applications of AIEgen-doped interpenetrating network hydrogel. <b>2021</b> , 64, 1770	4
489	Illuminating Protein Phase Separation: Reviewing Aggregation-Induced Emission, Fluorescent Molecular Rotor and Solvatochromic Fluorophore Based Probes. <b>2021</b> , 27, 14564-14576	3
488	Restriction of Twisted Intramolecular Charge Transfer Enables the Aggregation-Induced Emission of 1-(-Dialkylamino)-naphthalene Derivatives. <b>2021</b> , 125, 8397-8403	6
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265	Exploitation of a Half-Conjugate Polydentate Salamo-Salen Hybrid Ligand and Its Two Phenoxide-Bridged Heterohexanuclear 3d-s Double-Helical Cluster Complexes.. <b>2021</b> ,	16
264	Aggregation-Induced Enhanced Emission-Active Zinc(II) Diketimate Complexes Enabling High-Performance Solution-Processable OLEDs. <b>2021</b> ,	2
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