

CITATION REPORT

List of articles citing

Aggregation-induced emission: the whole is more brilliant than the parts

DOI: 10.1002/adma.201401356
Advanced Materials, 2014, 26, 5429-79.

Source: <https://exaly.com/paper-pdf/59422039/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
2284	Multicomponent Polymerization of Alkynes. 2014 , 17-42		9
2283	Electron donating group stimulated aggregation induced emission enhancement of oligophenylenevinylene-cored luminogens. 2014 , 4, 62684-62688		1
2282	Cyanostilbene based fluorophores: aggregation-induced enhanced emission, solvatochromism and the pH effect. 2014 , 38, 5736-5746		42
2281	Efficient light harvesting of a luminescent solar concentrator using excitation energy transfer from an aggregation-induced emitter. 2014 , 16, 25358-63		52
2280	An Aggregation-Induced-Emission Platform for Direct Visualization of Interfacial Dynamic Self-Assembly. 2014 , 126, 13736-13740		16
2279	An AIE-active boron-difluoride complex: multi-stimuli-responsive fluorescence and application in data security protection. 2014 , 50, 12951-4		154
2278	A tetraphenylethene-based caged compound: synthesis, properties and applications. 2014 , 50, 8134-6		41
2277	Tuning the luminescence of metal-organic frameworks for detection of energetic heterocyclic compounds. 2014 , 136, 15485-8		341
2276	Nonlinear optics: modulating optical power. 2014 , 13, 917-8		5
2275	Construction of fluorescence-tunable pyrido-fused benzimidazoles via direct intramolecular C-H amination under transition-metal-free conditions. 2014 , 4, 51268-51271		7
2274	One-Pot Three-Component Tandem Polymerization Toward Functional Poly(arylene thiophenylene) with Aggregation-Enhanced Emission Characteristics. 2014 , 47, 4920-4929		77
2273	An aggregation-induced emission based Turn-on Fluorescent chemodosimeter for the selective detection of Pb ²⁺ ions. 2014 , 4, 47076-47080		36
2272	An aggregation-induced-emission platform for direct visualization of interfacial dynamic self-assembly. 2014 , 53, 13518-13522		67
2271	Synthesis and Design of Aggregation-Induced Emission Surfactants: Direct Observation of Micelle Transitions and Microemulsion Droplets. 2015 , 54, 15160-4		120
2270	Tetraarylethenes and Aggregation-Induced Emission. 2015 , 193-222		1
2269	Tellurophenes and Their Emergence as Building Blocks for Polymeric and Light-emitting Materials. 2015 , 44, 730-736		46
2268	Lower Critical Solution Temperature Behaviors of Aromatic Compounds with Oligo(ethylene glycol) Chains. 2015 , 44, 1416-1418		7

2267	A relay strategy for the mercury (II) chemodosimeter with ultra-sensitivity as test strips. 2015 , 5, 15987	36
2266	An Aggregation-Induced Emission-Active Macrocycle: Illusory Topology of the Penrose Stairs. 2015 , 80, 1245-1249	10
2265	Conjugation-Induced Rigidity in Twisting Molecules: Filling the Gap Between Aggregation-Caused Quenching and Aggregation-Induced Emission. <i>Advanced Materials</i> , 2015 , 27, 4496-4501	24 178
2264	Mitochondrion-Specific Live-Cell Bioprobe Operated in a Fluorescence Turn-On Manner and a Well-Designed Photoactivatable Mechanism. <i>Advanced Materials</i> , 2015 , 27, 7093-100	24 69
2263	A Mechanochromic Luminescent Dye Exhibiting On/Off Switching by Crystalline-Amorphous Transitions. 2015 , 10, 1698-702	11
2262	Rational Topological Design for Fluorescence Enhancement upon Aggregation of Distyrylfuran Derivatives. 2015 , 21, 7944-53	19
2261	A Luminescent Nitrogen-Containing Polycyclic Aromatic Hydrocarbon Synthesized by Photocyclodehydrogenation with Unprecedented Regioselectivity. 2015 , 21, 17973-80	11
2260	A Mechanofluorochromic Push-Pull Small Molecule with Aggregation-Controlled Linear and Nonlinear Optical Properties. <i>Advanced Materials</i> , 2015 , 27, 4285-9	24 69
2259	Fluorescent dendritic organogels based on 2-(2'-hydroxyphenyl)benzoxazole: emission enhancement and multiple stimuli-responsive properties. 2015 , 21, 11018-28	51
2258	Color Tuning of the Aggregation-Induced Emission of Maleimide Dyes by Molecular Design and Morphology Control. 2015 , 21, 12105-11	30
2257	Light-Up Probe for Targeted and Activatable Photodynamic Therapy with Real-Time In Situ Reporting of Sensitizer Activation and Therapeutic Responses. 2015 , 25, 6586-6595	131
2256	Cellular and Mitochondrial Dual-Targeted Organic Dots with Aggregation-Induced Emission Characteristics for Image-Guided Photodynamic Therapy. 2015 , 4, 2667-76	64
2255	A Silole-Based Efficient Electroluminescent Material with Good Electron-Transporting Potential. 2015 , 33, 842-846	12
2254	Identifying Solid Luminogens through Gold-Catalysed Intramolecular Hydroarylation of Alkynes. 2015 , 2015, 4860-4867	6
2253	Aggregation-Induced-Emission-Active Macrocycle Exhibiting Analogous Triply and Singly Twisted Möbius Topologies. 2015 , 21, 11707-11	13
2252	New Aggregation-Induced Emitters: Tetraphenyldistyrylbenzenes. 2015 , 21, 16749-53	16
2251	Aggregation-Induced Emission of Hexaphenyl-1,3-butadiene. 2015 , 33, 701-704	11
2250	Aggregate-induced emission in light-emitting liquid crystal display technology. 2015 , 23, 218-222	16

2249	Supramolecular Construction of Multifluorescent Gels: Interfacial Assembly of Discrete Fluorescent Gels through Multiple Hydrogen Bonding. <i>Advanced Materials</i> , 2015 , 27, 8062-6	24	99
2248	Controlling Microsized Polymorphic Architectures with Distinct Linear and Nonlinear Optical Properties. 2015 , 3, 948-956		34
2247	Dynamic Stereochemistry of Monobridged Tetraarylethene Naphthologues. Variations of Bistricyclic Aromatic Enes. 2015 , 4, 1392-1398		2
2246	Unusual Aggregation-Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. 2015 , 127, 14700-14705		44
2245	Unusual Aggregation-Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. 2015 , 54, 14492-7		161
2244	Cysteine cathepsins: their role in tumor progression and recent trends in the development of imaging probes. 2015 , 3, 37		48
2243	A study on tunable AIE (AIEE) of boron ketoiminate-based conjugated polymers for live cell imaging. 2015 , 6, 5070-5076		26
2242	Self-Reporting Degradable Fluorescent Grafted Copolymer Micelles Derived from Biorenewable Resources. 2015 , 4, 645-650		27
2241	A series of sensitive and visible fluorescence-turn-on probes for CMC of ionic surfactants: Design, synthesis, structure influence on CMC and sensitivity, and fast detection via a plate reader and a UV light. 2015 , 219, 251-260		25
2240	Construction of regio- and stereoregular poly(enaminone)s by multicomponent tandem polymerizations of diynes, diaryl chloride and primary amines. 2015 , 6, 4436-4446		38
2239	Rigid Jeffamine-included polyrotaxane as hydrogen-bond template for salicylideneazine with aggregation-enhanced emission. 2015 , 5, 37979-37987		3
2238	Solution-and solid-state emitters with large Stokes shifts combining pyrene and 4-hydroxythiazole fluorophores. 2015 , 121, 290-298		13
2237	Photophysical tuning of the aggregation-induced emission of a series of para-substituted aryl bis(imino)acenaphthene zinc complexes. 2015 , 44, 11984-96		13
2236	Structure-property relationship of isomeric diphenylethenyl-disubstituted dimethoxycarbazoles. 2015 , 5, 49577-49589		17
2235	Novel diisocyano-based dinuclear gold(I) complexes with aggregation-induced emission and mechanochromism characteristics. 2015 , 121, 170-177		29
2234	Light emission properties and self-assembly of a tolane-based luminogen. 2015 , 5, 38690-38695		15
2233	Synthesis and Design of Aggregation-Induced Emission Surfactants: Direct Observation of Micelle Transitions and Microemulsion Droplets. 2015 , 127, 15375-15379		23
2232	Highly Stable Near-Infrared Fluorescent Organic Nanoparticles with a Large Stokes Shift for Noninvasive Long-Term Cellular Imaging. 2015 , 7, 26266-74		107

2231	Multicomponent Polycoupling of Internal Dienes, Aryl Diiodides, and Boronic Acids to Functional Poly(tetraarylethene)s. 2015 , 48, 8098-8107	26
2230	Variations of bistricyclic aromatic enes: mono-bridged tetraarylethene naphthologs. 2015 , 26, 319-352	7
2229	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. 2015 , 6, 1932-1937	206
2228	Achieving exceptionally high luminescence quantum efficiency by immobilizing an AIE molecular chromophore into a metal-organic framework. 2015 , 51, 3045-8	124
2227	One-pot synthesis of hydrazono-sulfonamide adducts using Cu(BTC) MOF catalyst and their remarkable AIEE properties: unprecedented copper(II)-catalyzed generation of ketenimine. 2015 , 5, 20003-20017	17
2226	Structural and theoretical insights into the AIE attributes of phosphindole oxide: the balance between rigidity and flexibility. 2015 , 21, 4440-9	75
2225	Synthesis, Light Emission, Explosive Detection, Fluorescent Photopatterning, and Optical Limiting of Disubstituted Polyacetylenes Carrying Tetraphenylethene Luminogens. 2015 , 48, 1038-1047	45
2224	Spectroscopic Signature of the Aggregation-Induced Emission Phenomena Caused by Restricted Nonradiative Decay: A Theoretical Proposal. 2015 , 119, 5040-5047	59
2223	Highly sensitive detection of low-level water content in organic solvents and cyanide in aqueous media using novel solvatochromic AIEE fluorophores. 2015 , 5, 12191-12201	66
2222	Freezing-induced multi-colour emissions of AIE luminogen di(4-propoxyphenyl) dibenzofulvene. 2015 , 3, 2677-2685	16
2221	Excimers beyond pyrene: a far-red optical proximity reporter and its application to the label-free detection of DNA. 2015 , 54, 3912-6	96
2220	Influence of the number and substitution position of phenyl groups on the aggregation-enhanced emission of benzene-cored luminogens. 2015 , 51, 4830-3	38
2219	Polymorphic crystals and their luminescence switching of triphenylacrylonitrile derivatives upon solvent vapour, mechanical, and thermal stimuli. 2015 , 3, 3049-3054	70
2218	Multicolored-fluorescence switching of ICT-type organic solids with clear color difference: mechanically controlled excited state. 2015 , 21, 2474-9	164
2217	Photoactivatable aggregation-induced emission fluorophores with multiple-color fluorescence and wavelength-selective activation. 2015 , 21, 4326-32	46
2216	Mapping live cell viscosity with an aggregation-induced emission fluorogen by means of two-photon fluorescence lifetime imaging. 2015 , 21, 4315-20	68
2215	Crystallization-promoted emission enhancement of poly(L-lactide) containing a fluorescent salicylideneazine center with aggregation-enhanced emission properties. 2015 , 6, 2264-2273	9
2214	Complex from ionic Cyclodextrin polyrotaxane and sodium tetraphenylthiophenesulfonate: restricted molecular rotation and aggregation-enhanced emission. 2015 , 5, 19512-19519	5

2213	Crystallization-induced red emission of a facilely synthesized biodegradable indigo derivative. 2015 , 51, 3375-8	38
2212	Synthesis, characterization and explosive detection of photoluminescent compounds with intramolecular charge-transfer characteristic. 2015 , 201, 30-42	8
2211	Aggregation-induced chirality, circularly polarized luminescence, and helical self-assembly of a leucine-containing AIE luminogen. 2015 , 3, 2399-2404	96
2210	Synthesis, postmodification and fluorescence properties of reduction-cleavable core-couplable miktoarm stars with a branched core. 2015 , 6, 1474-1486	17
2209	The fluorescence properties and aggregation behavior of tetraphenylethene- β erylenebisimide dyads. 2015 , 3, 3559-3568	51
2208	Excimers Beyond Pyrene: A Far-Red Optical Proximity Reporter and its Application to the Label-Free Detection of DNA. 2015 , 127, 3984-3988	21
2207	Image-guided combination chemotherapy and photodynamic therapy using a mitochondria-targeted molecular probe with aggregation-induced emission characteristics. 2015 , 6, 4580-4586 ¹⁵⁵	
2206	Aggregation induced phosphorescent N-oxide-2,2'-bipyridine bismuth complexes and polymorphism-dependent emission. 2015 , 44, 14589-93	26
2205	Multiple stimuli-responsive and reversible fluorescence switches based on a diethylamino-functionalized tetraphenylethene. 2015 , 3, 9103-9111	53
2204	(9-Anthryl)vinyl(9-phenanthryl)vinylbenzene Position Isomers: Intriguing Effects of Molecular Configuration on Polymorphism, Solvatochromism, and Aggregation-Induced Emission Properties. 2015 , 119, 18602-18610	24
2203	Carbazole-functionalized polyphenylene-decorated solid state emissive D-A-D molecules: reduced donor-acceptor interaction and enhanced emission in the solid state. 2015 , 17, 22079-89	19
2202	Aggregation-induced emission of siloles. 2015 , 6, 5347-5365	411
2201	Rhodium-catalyzed C-H activation of hydrazines leads to isoquinolones with tunable aggregation-induced emission properties. 2015 , 51, 14365-8	42
2200	Aggregation-Induced Emission from Fluorophore-Quencher Dyads with Long-Lived Luminescence. 2015 , 119, 8854-9	17
2199	Stereochemical modulation of emission behaviour in E/Z isomers of diphenyldipyrroethene from aggregation induced emission to crystallization induced emission. 2015 , 17, 19465-73	34
2198	Fluorescent Molecular Rotor-in-Paraffin Waxes for Thermometry and Biometric Identification. 2015 , 7, 14485-92	24
2197	Tailoring of the desired selectivity and the turn-on detection range in a self-assembly-based fluorescence sensory system. 2015 , 6, 3863-3867	25
2196	A fluorescent probe with an aggregation-enhanced emission feature for real-time monitoring of low carbon dioxide levels. 2015 , 3, 7621-7626	36

2195	Probes based on diketopyrrolopyrrole and anthracenone conjugates with aggregation-induced emission characteristics for pH and BSA sensing. 2015 , 221, 155-166	41
2194	Real-Time, Quantitative Lighting-up Detection of Telomerase in Urines of Bladder Cancer Patients by AIEgens. 2015 , 87, 6822-7	106
2193	SERS and NMR Studies of Typical Aggregation-Induced Emission Molecules. 2015 , 119, 8049-54	18
2192	Copillar[5]arene-based supramolecular polymer gel: controlling stimuli-response properties through a novel strategy with surfactant. 2015 , 5, 60273-60278	18
2191	Lab in a Tube: Sensitive Detection of MicroRNAs in Urine Samples from Bladder Cancer Patients Using a Single-Label DNA Probe with AIEgens. 2015 , 7, 16813-8	55
2190	Synthesis of tetraaryl- and tetraalkenylpyrazines by Suzuki-Miyaura reactions of tetrachloropyrazine. 2015 , 71, 6803-6812	8
2189	A green miniemulsion-based synthesis of polymeric aggregation-induced emission nanoparticles. 2015 , 6, 6378-6385	18
2188	Rigidity-induced emission enhancement of network polymers crosslinked by tetraphenylethene derivatives. 2015 , 3, 8504-8509	20
2187	A new family of light-emissive symmetric squarylium dyes in the solid state. 2015 , 122, 134-138	19
2186	Design of turn-on fluorescent probe for effective detection of Hg ²⁺ by combination of AIEE-active fluorophore and binding site. 2015 , 221, 730-739	32
2185	New AIE-active dinuclear Ir(III) complexes with reversible piezochromic phosphorescence behaviour. 2015 , 51, 13036-9	56
2184	AIE-active cyclic tetraphenylsilole derivatives with ~100% solid-state fluorescence quantum efficiency. 2015 , 44, 12970-5	15
2183	Sub-20 nm nontoxic aggregation-induced emission micellar fluorescent light-up probe for highly specific and sensitive mitochondrial imaging of hydrogen sulfide. 2015 , 6, 5185-5189	21
2182	In-situ photoisomerization for aggregation-induced emission of dibiphenyl fumaronitrile. 2015 , 311, 199-202	1
2181	Fluorescence imaging using synthetic GFP chromophores. 2015 , 27, 64-74	96
2180	Highly Emissive Nanoparticles Based on AIE-Active Molecule and PAMAM Dendritic "Molecular Glue". 2015 , 31, 4386-93	19
2179	Aggregation-induced phosphorescence enhancement (AIPE) based on transition metal complexes: An overview. 2015 , 23, 25-44	80
2178	Design and synthesis of a new series of tetra(polycyclic aryl)ethenes: Achieving aggregation-induced emission and efficient solid-state photoluminescence. 2015 , 118, 95-101	22

2177	Progress in small-molecule luminescent materials for organic light-emitting diodes. 2015 , 58, 907-915	75
2176	Thermochromic polyethylene films doped with perylene chromophores: experimental evidence and methods for characterization of their phase behaviour. 2015 , 6, 4003-4012	16
2175	AIE luminogens: emission brightened by aggregation. 2015 , 18, 365-377	291
2174	Amine functionalized tetraphenylethylene: a novel aggregation-induced emission based fluorescent chemodosimeter for nitrite and nitrate ions. 2015 , 5, 31479-31484	36
2173	Red fluorescent luminogen from pyrrole derivatives with aggregation-enhanced emission for cell membrane imaging. 2015 , 51, 8555-8	51
2172	A platinum prodrug conjugated with a photosensitizer with aggregation-induced emission (AIE) characteristics for drug activation monitoring and combinatorial photodynamic-chemotherapy against cisplatin resistant cancer cells. 2015 , 51, 8626-9	68
2171	Facile Preparation of AIE-Active Fluorescent Nanoparticles through Flash Nanoprecipitation. 2015 , 54, 4683-4688	49
2170	Effect of ionic interaction on the mechanochromic properties of pyridinium modified tetraphenylethene. 2015 , 51, 8849-52	39
2169	N-type pyrazine and triazole-based luminogens with aggregation-enhanced emission characteristics. 2015 , 51, 10710-3	28
2168	Axial chiral aggregation-induced emission luminogens with aggregation-annihilated circular dichroism effect. 2015 , 3, 5162-5166	62
2167	Multifunctional Poly(N-sulfonylamidine)s Constructed by Cu-Catalyzed Three-Component Polycouplings of Dienes, Disulfonyl Azide, and Amino Esters. 2015 , 48, 3180-3189	36
2166	Fluorescent aggregates of AIEE active triphenylene derivatives for the sensitive detection of picric acid. 2015 , 5, 32637-32642	16
2165	Red emissive AIE luminogens with high hole-transporting properties for efficient non-doped OLEDs. 2015 , 51, 7321-4	65
2164	Piezochromic luminescence behaviors of two new benzothiazole-enamido boron difluoride complexes: intra- and inter-molecular effects induced by hydrostatic compression. 2015 , 51, 7497-500	93
2163	Aggregation-Induced Emission of Bis(imino)acenaphthene Zinc Complexes: Photophysical Tuning via Methylation of the Flanking Aryl Substituents. 2015 , 34, 2422-2428	23
2162	Light-enhanced bacterial killing and wash-free imaging based on AIE fluorogen. 2015 , 7, 7180-8	102
2161	Polymeric AIE-based nanoprobe for biomedical applications: recent advances and perspectives. 2015 , 7, 11486-508	453
2160	The effect of regioisomerism on the solid-state fluorescence of bis(piperidyl)anthracenes: structurally simple but bright AIE luminogens. 2015 , 3, 5940-5950	54

2159	An emissive and pH switchable hydrazone-based hydrogel. 2015 , 51, 11158-61	62
2158	Real-time monitoring of the mitophagy process by a photostable fluorescent mitochondrion-specific bioprobe with AIE characteristics. 2015 , 51, 9022-5	89
2157	Construction of Efficient Deep Blue Aggregation-Induced Emission Luminogen from Triphenylethene for Nondoped Organic Light-Emitting Diodes. 2015 , 27, 3892-3901	180
2156	Photostable AIE fluorogens for accurate and sensitive detection of S-phase DNA synthesis and cell proliferation. 2015 , 3, 4993-4996	27
2155	Effect of Extended π Conjugation on the Spectroscopic and Electrochemical Properties of Boron Difluoride Formazanate Complexes. 2015 , 80, 5226-35	71
2154	"Aggregation induced phosphorescence" active "rollover" iridium(III) complex as a multi-stimuli-responsive luminescence material. 2015 , 44, 6581-92	43
2153	Sensitive and reliable detection of glass transition of polymers by fluorescent probes based on AIE luminogens. 2015 , 6, 3537-3542	54
2152	Tetracoordinate silicon complexes of 1,2-bis(indol-2-yl)benzene as blue-emitting dyes in the solid state. 2015 , 51, 8123-5	5
2151	Aggregation-induced emission and aggregation-promoted photochromism of bis(diphenylmethylene)dihydroacenes. 2015 , 6, 3538-3543	71
2150	Optical properties of nanoalloys. 2015 , 17, 27952-67	38
2149	Rational bridging affording luminogen with AIE features and high field effect mobility. 2015 , 3, 4903-4909	30
2148	Selenium- and tellurium-bridged heteromeric overcrowded bistricyclic aromatic enes with central six-member and seven-member rings. 2015 , 26, 1565-1584	2
2147	Two bent-shaped β organogelators: synthesis, fluorescence, self-assembly and detection of volatile acid vapours in gel films and in gel-gel states. 2015 , 11, 9179-87	11
2146	A novel stimuli-responsive fluorescent elastomer based on an AIE mechanism. 2015 , 6, 8194-8202	28
2145	The construction of a two-dimensional supramolecular organic framework with parallelogram pores and stepwise fluorescence enhancement. 2015 , 51, 16417-20	94
2144	Polymorphism-Dependent and Switchable Emission of Butterfly-Like Bis(diarylmethylene)dihydroanthracenes. 2015 , 27, 6601-6607	131
2143	Assembly-Induced Enhancement of Cu Nanoclusters Luminescence with Mechanochromic Property. 2015 , 137, 12906-13	295
2142	Dendritic AIE-active luminogens with a POSS core: synthesis, characterization, and application as chemosensors. 2015 , 5, 97224-97230	29

2141	A fluorescent light-up probe based on AIE and ESIPT processes for β -galactosidase activity detection and visualization in living cells. 2015 , 3, 9168-9172	93
2140	Multi-Functional Hyperbranched Poly(vinylene sulfide)s Constructed via Spontaneous Thiol-ene Click Polymerization. 2015 , 48, 7782-7791	51
2139	Effect of alkyl groups on emission properties of aggregation induced emission active N-alkyl arylaminomaleimide dyes. 2015 , 5, 94344-94350	19
2138	Aggregation-Induced Emission: Together We Shine, United We Soar!. 2015 , 115, 11718-940	4745
2137	Conjugated polymers developed from alkynes. 2015 , 2, 493-509	51
2136	Molecular Interactions in Organic Nanoparticles for Phototheranostic Applications. 2015 , 115, 11012-42	343
2135	Blue fluorophores comprised of tetraphenylethene and imidazole: aggregation-induced emission and electroluminescence. 2015 , 8, 274-281	2
2134	Nonplanar Organic Sensitizers Featuring a Tetraphenylethene Structure and Double Electron-Withdrawing Anchoring Groups. 2015 , 80, 9034-40	25
2133	Anion-specific aggregation induced phosphorescence emission (AIPE) in an ionic iridium complex in aqueous media. 2015 , 51, 16924-7	40
2132	Multi-stable fluorescent silica nanoparticles obtained from in situ doping with aggregation-induced emission molecules. 2015 , 3, 8775-8781	14
2131	Nanoscale UiO-MOF-based luminescent sensors for highly selective detection of cysteine and glutathione and their application in bioimaging. 2015 , 51, 17672-5	90
2130	Quantitative and highly selective sensing of sodium houttuynfonate via long-aliphatic chains hydrophobic assembly and aggregation-induced emission. 2015 , 39, 9743-9751	5
2129	Di(naphthalen-2-yl)-1,2-diphenylethene-based conjugated polymers: aggregation-enhanced emission and explosive detection. 2015 , 6, 7641-7645	22
2128	Aggregates of a hydrazono-sulfonamide adduct as picric acid sensors. 2015 , 5, 92473-92479	17
2127	Light-emitting properties of donor-acceptor and donor-acceptor-donor dyes in solution, solid, and aggregated states: structure-property relationship of emission behavior. 2015 , 5, 89171-89187	32
2126	Synthesis and aggregation-induced emission properties of pyridine and pyridinium analogues of tetraphenylethylene. 2015 , 5, 90226-90234	25
2125	Significant emission enhancement of a bola-amphiphile with salicylaldehyde azine moiety induced by the formation of [2]pseudorotaxane with β -cyclodextrin. 2015 , 5, 88176-88180	5
2124	Regio- and stereoselective construction of stimuli-responsive macromolecules by a sequential coupling-hydroamination polymerization route. 2015 , 6, 8297-8305	22

2123	Fluorescence Turn-on Chemosensor for the Detection of Dissolved CO ₂ Based on Ion-Induced Aggregation of Tetraphenylethylene Derivative. 2015 , 87, 10871-7	42
2122	Aggregation-Induced Förster Resonance Energy Transfer in Polybenzofulvene/Dye Nanoparticles. 2015 , 119, 18986-18991	17
2121	Tuning the singlet-triplet energy gap: a unique approach to efficient photosensitizers with aggregation-induced emission (AIE) characteristics. 2015 , 6, 5824-5830	308
2120	Boiling water synthesis of ultrastable thiolated silver nanoclusters with aggregation-induced emission. 2015 , 51, 15165-8	112
2119	Intramolecular triplet-triplet energy transfer enhanced triplet-triplet annihilation upconversion with a short-lived triplet state platinum(II) terpyridyl acetylide photosensitizer. 2015 , 5, 70640-70648	19
2118	Polymer composites with high haze and high transmittance. 2015 , 6, 6632-6636	9
2117	Planar-rotor architecture based pyrene-vinyl-tetraphenylethylene conjugated systems: photophysical properties and aggregation behavior. 2015 , 13, 10663-74	6
2116	Hierarchical Self-Assembly of Discrete Organoplatinum(II) Metallacycles with Polysaccharide via Electrostatic Interactions and Their Application for Heparin Detection. 2015 , 137, 11725-35	224
2115	High-contrast and reversible mechanochromic luminescence of a D _{3h} compound with a twisted molecular conformation. 2015 , 5, 71903-71910	33
2114	Mechanochromic Luminescence of Aggregation-Induced Emission Luminogens. 2015 , 6, 3429-36	315
2113	Crystallization-Induced Emission Enhancement of a Simple Tolane-Based Mesogenic Luminogen. 2015 , 119, 21875-21881	65
2112	Highly emissive organic solids with remarkably broad color tunability based on N,C-chelate, four-coordinate organoborons. 2015 , 51, 16115-8	72
2111	Polycarbazoles and polytriphenylamines showing aggregation-induced emission (AIE) and intramolecular charge transfer (ICT) behavior for the optical detection of nitroaromatic compounds. 2015 , 76, 173-181	27
2110	Side chain engineering in stacked polybenzofulvene derivatives bearing electron-rich chromophores for OLED applications. 2015 , 5, 101377-101385	11
2109	Carbazole-based gold(I) complexes with alkyl chains of different lengths: tunable solid-state fluorescence, aggregation-induced emission (AIE), and reversible mechanochromism characteristics. 2015 , 5, 93757-93764	14
2108	Quantitation of Albumin in Serum Using "Turn-on" Fluorescent Probe with Aggregation-Enhanced Emission Characteristics. 2015 , 7, 26094-100	75
2107	A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing. 2015 , 137, 15276-86	216
2106	Amphiphilic benzothiadiazole-triphenylamine-based aggregates that emit red light in water. 2015 , 13, 1818-28	22

2105	A self-assembly induced emission system constructed by the host-guest interaction of AIE-active building blocks. 2015 , 51, 1089-91		54
2104	Biosensing by luminogens with aggregation-induced emission characteristics. 2015 , 44, 4228-38		941
2103	Diethylamino functionalized tetraphenylethenes: structural and electronic modulation of photophysical properties, implication for the CIE mechanism and application to cell imaging. 2015 , 3, 112-120		81
2102	Light-Emitting Liquid Crystal Displays Based on an Aggregation-Induced Emission Luminogen. 2015 , 3, 199-202		87
2101	Luminescent polymers and blends with hydrogen bond interactions. 2015 , 6, 497-508		14
2100	Unusual Reactivity of Group 14 Hydrides toward Organic Halides: Synthetic Studies and Application to Functional Materials. 2016 , 74, 1098-1107		16
2099	Triple Helical Molecular Braid and Parallel Packed Wavy Chain-Based Supramolecular Organic Frameworks with Conformation- and Packing-Dependent Luminescent Properties. 2016 , 16, 4727-4735		5
2098	A Photostable Far-Red/Near-Infrared Conjugated Polymer Photosensitizer with Aggregation-Induced Emission for Image-Guided Cancer Cell Ablation. 2016 , 49, 5017-5025		75
2097	A photostable AIE fluorogen for lysosome-targetable imaging of living cells. 2016 , 4, 5412-5417		19
2096	A Native-Chemical-Ligation-Based Turn-on Fluorescent Probe for Selective Detection of Cysteine. 2016 , 63, 317-322		9
2095	Activatable Fluorescent Nanoprobe with Aggregation-Induced Emission Characteristics for Selective In Vivo Imaging of Elevated Peroxynitrite Generation. <i>Advanced Materials</i> , 2016 , 28, 7249-56	24	151
2094	A Red to Near-IR Fluorogen: Aggregation-Induced Emission, Large Stokes Shift, High Solid Efficiency and Application in Cell-Imaging. 2016 , 22, 9784-91		47
2093	Erzeugung von Festkörperlumineszenz durch Koordination der Lewis-Säure B(C ₆ F ₅) ₃ an nicht-emittierende Aldehyde. 2016 , 128, 1212-1216		6
2092	Structure-Dependent cis/trans Isomerization of Tetraphenylethene Derivatives: Consequences for Aggregation-Induced Emission. 2016 , 128, 6300-6304		16
2091	Suppression of Photocyclization: Stabilization of an Aggregation-Induced Tetraaryldistyrylbenzene Emitter. 2016 , 22, 8740-4		6
2090	Electron transfer from organic dyes to reduced graphene oxide studied by photoluminescence spectroscopy. 2016 , 253, 1138-1143		7
2089	Color-Tunable Solid-State Fluorescence Emission from Carbazole-Based BODIPYs. 2016 , 22, 7508-13		37
2088	Morphology-Tailoring of a Red AIEgen from Microsized Rods to Nanospheres for Tumor-Targeted Bioimaging. <i>Advanced Materials</i> , 2016 , 28, 3187-93	24	75

2087	B(C ₆ F ₅) ₃ : A Lewis Acid that Brings the Light to the Solid State. 2016 , 55, 1196-9	35
2086	Bismuth-Based Coordination Polymers with Efficient Aggregation-Induced Phosphorescence and Reversible Mechanochromic Luminescence. 2016 , 55, 7998-8002	90
2085	Aggregation-Induced Delayed Fluorescence Based on Donor/Acceptor-Tethered Janus Carborane Triads: Unique Photophysical Properties of Nondoped OLEDs. 2016 , 55, 7171-5	293
2084	Systemic research of fluorescent emulsion systems and their polymerization process with a fluorescent probe by an AIE mechanism. 2016 , 6, 74225-74233	9
2083	A Thermo- and Mechanoresponsive Cyano-Substituted Oligo(p-phenylene vinylene) Derivative with Five Emissive States. 2016 , 22, 4374-8	57
2082	Synthesis of Imidazole-Based AIEgens with Wide Color Tunability and Exploration of their Biological Applications. 2016 , 26, 824-832	60
2081	Bismuth-Based Coordination Polymers with Efficient Aggregation-Induced Phosphorescence and Reversible Mechanochromic Luminescence. 2016 , 128, 8130-8134	26
2080	Aggregation-Induced Delayed Fluorescence Based on Donor/Acceptor-Tethered Janus Carborane Triads: Unique Photophysical Properties of Nondoped OLEDs. 2016 , 128, 7287-7291	74
2079	Polyarylcyanation of Diyne: A One-Pot Three-Component Convenient Route for In Situ Generation of Polymers with AIE Characteristics. 2016 , 49, 8888-8898	29
2078	Photon Reabsorption and Nonradiative Energy-Transfer-Induced Quenching of Blue Photoluminescence from Aggregated Graphene Quantum Dots. 2016 , 120, 29432-29438	39
2077	Nanomolar Cu ²⁺ Detection in Water Based on Disassembly of AIEgen: Applications in Blood Serum, Cell Imaging and Complex Logic Circuits. 2016 , 1, 6880-6887	11
2076	Water-Soluble Fluorescent Probes for Selective Recognition of Lysine and Its Application in an Object Carry-and-Release System. 2016 , 11, 58-63	19
2075	The development of aryl-substituted 2-phenylimidazo[1,2-a]pyridines (PIP) with various colors of excited-state intramolecular proton transfer (ESIPT) luminescence in the solid state. 2016 , 4, 3599-3606	28
2074	Enantioselective Recognition for Many Different Kinds of Chiral Guests by One Chiral Receptor Based on Tetraphenylethylene Cyclohexylbisurea. 2016 , 81, 3720-6	41
2073	C ₆₀ coupling over Schiff base condensation: a rational design strategy for a strongly fluorescent molecular material. 2016 , 18, 4290-4294	12
2072	A near-infrared AIEgen for specific imaging of lipid droplets. 2016 , 52, 5957-60	78
2071	Luminescent photonic crystals with multi-functionality and tunability. 2016 , 7, 5692-5698	26
2070	Red fluorescent siloles with aggregation-enhanced emission characteristics. 2016 , 59, 699-706	22

2069	Exploring an Emissive Charge Transfer Process in Zero-Twist Donor-Acceptor Molecular Design as a Dual-State Emitter. 2016 , 120, 12723-12733	29
2068	Nonconventional photoluminescence from sulfonated acetone-formaldehyde condensate with aggregation-enhanced emission. 2016 , 6, 47632-47636	16
2067	Highly emissive 'frozen-in' conjugated polymer nanofibers. 2016 , 12, 4443-8	4
2066	New π -conjugated cyanostilbene derivatives: Synthesis, characterization and aggregation-induced emission. 2016 , 27, 1592-1596	17
2065	Recent advances in the synthesis and catalytic applications of ligand-protected, atomically precise metal nanoclusters. 2016 , 322, 1-29	229
2064	Tetraphenylthiophene-terminated poly(acrylic acid) as pH- and bio-sensors by the aggregation-induced emission property. 2016 , 108, 47-53	8
2063	Synthesis, characterization and fluorescence turn-on detection of BSA based on the cationic poly(diketopyrrolopyrrole-co-ethynylfluorene) through deaggregating process. 2016 , 231, 733-743	12
2062	Highly Luminescent Thiolated Gold Nanoclusters Impregnated in Nanogel. 2016 , 28, 4009-4016	173
2061	POSS-based organic-inorganic hybrid nanomaterials: aggregation-enhanced emission, and highly sensitive and selective detection of nitroaromatic explosives in aqueous media. 2016 , 4, 5578-5583	25
2060	Phenazine-based colorimetric and fluorometric probes for rapid recognizing of Hg ²⁺ with high sensitivity and selectivity. 2016 , 72, 2300-2305	12
2059	Tetraphenylethene-2-Pyrone Conjugate: Aggregation-Induced Emission Study and Explosives Sensor. 2016 , 81, 3597-602	51
2058	Highly selective ratiometric fluorescent recognition of histidine by tetraphenylethene-terpyridine-Zn(II) complexes. 2016 , 6, 25319-25329	10
2057	Asymmetric Restriction of Intramolecular Rotation in Chiral Solvents. 2016 , 16, 2804-2809	27
2056	Modular Synthesis of Spirocyclic Germafluorene-Germoles: A New Family of Tunable Luminogens. 2016 , 22, 248-57	18
2055	Specific Fluorescence Probes for Lipid Droplets Based on Simple AIEgens. 2016 , 8, 10193-200	107
2054	Aggregation-induced emission in fluorophores containing a hydrazone structure and a central sulfone: restricted molecular rotation. 2016 , 6, 35833-35841	12
2053	Fabrication of fluorescent nanoparticles based on AIE luminogens (AIE dots) and their applications in bioimaging. 2016 , 3, 283-293	156
2052	Excimer-induced high-efficiency fluorescence due to pairwise anthracene stacking in a crystal with long lifetime. 2016 , 52, 7356-9	123

2051	Synthesis of a Carbazole-[π]-carbazole Molecular Rotor with Fast Solid State Intramolecular Dynamics and Crystallization-Induced Emission. 2016 , 16, 3435-3442	23
2050	Autofluorescent micelles self-assembled from an AIE-active luminogen containing an intrinsic unconventional fluorophore. 2016 , 12, 4295-9	22
2049	Aromatic substituents for prohibiting side-chain packing and π -stacking in tin-cored tetrahedral stilbenoids. 2016 , 12, 388-398	7
2048	Solid-state emissive cyanostilbene based conjugated microporous polymers via cost-effective Knoevenagel polycondensation. 2016 , 7, 3983-3988	52
2047	Detection of UVA/UVC-induced damage of p53 fragment by rolling circle amplification with AIEgens. 2016 , 141, 4394-9	5
2046	Light-responsive AIE nanoparticles with cytosolic drug release to overcome drug resistance in cancer cells. 2016 , 7, 3530-3539	55
2045	1,5-Benzodiazepin-2-ones: Investigation of a Family of Photoluminescent Materials. 2016 , 81, 4720-7	19
2044	Self-Assembly of Electron Donor-Acceptor-Based Carbazole Derivatives: Novel Fluorescent Organic Nanoprobes for Both One- and Two-Photon Cellular Imaging. 2016 , 8, 11355-65	46
2043	Multiple-responsive ionic complex luminogen of quinine and camphorsulfonic acid with aggregation-induced emission. 2016 , 6, 38201-38208	3
2042	Functional organogelators formed by liquid-crystal carbazole-containing bis-MPA dendrimers. 2016 , 6, 39734-39740	6
2041	A FRET-based fluorescent probe for mercury ions in water and living cells. 2016 , 165, 99-105	27
2040	A novel nanoscale organic-inorganic hybrid system with significantly enhanced AIE in aqueous media. 2016 , 52, 6922-5	7
2039	Using the isotope effect to probe an aggregation induced emission mechanism: theoretical prediction and experimental validation. 2016 , 7, 5573-5580	49
2038	Value of the Debris of Reduction Sculpture: Thiol Etching of Au Nanoclusters for Preparing Water-Soluble and Aggregation-Induced Emission-Active Au(I) Complexes as Phosphorescent Copper Ion Sensor. 2016 , 88, 6071-7	42
2037	An Unconventional Mechanistic Insight on Aggregation Induced Emission in Novel Boron Dipyrromethenes and Their Rational Biological Realizations. 2016 , 120, 22605-22614	16
2036	Multicomponent polymerization: development of a one-pot synthetic route to functional polymers using diene, N-sulfonyl azide and water/ethanol as reactants. 2016 , 7, 5646-5654	23
2035	Ratiometric pressure sensors based on cyano-substituted oligo(p-phenylene vinylene) derivatives in the hybridized local and charge-transfer excited state. 2016 , 4, 9954-9960	38
2034	Multifunctional AIEgens for Future Theranostics. 2016 , 12, 6528-6535	107

2033	Highly photoluminescent polysilsesquioxane hybrids based on weakly fluorescent 1,8-naphthalic anhydride derivatives. 2016 , 657, 107-112	1
2032	Charge transport, doping and luminescence in solution-processed, phosphorescent, air-stable tellurophene thin films. 2016 , 39, 153-162	10
2031	Aggregation-Induced Emission Luminogens (AIEgens) for Non-Doped Organic Light-Emitting Diodes. 2016 , 173-198	5
2030	Tetraphenylcyclopentadiene Derivatives: Aggregation-Induced Emission, Adjustable Luminescence from Green to Blue, Efficient Undoped OLED Performance and Good Mechanochromic Properties. 2016 , 12, 6623-6632	39
2029	AIE Active Heteroarylethylenes. 2016 , 175-191	1
2028	A carborane-triggered metastable charge transfer state leading to spontaneous recovery of mechanochromic luminescence. 2016 , 52, 12494-12497	68
2027	Helicity, assembly, and circularly polarised luminescence of chiral AIEgens. 2016 ,	
2026	Very High Solid State Photoluminescence Quantum Yields of Poly(tetraphenylethylene) Derivatives. 2016 , 37, 1802-1806	17
2025	New Mechanistic Insights into the AIE Phenomenon. 2016 , 5-20	2
2024	Vibration Induced Emission (VIE): An Intrinsic Fluorescence Tuning Mechanism of N,N'-Disubstituted-dihydrobenzo[a,c]phenazines. 2016 , 21-33	
2023	Theoretical Insights into the Mechanism of AIE. 2016 , 35-59	2
2022	Silole-Based Cyclosiloxanes with High Solid-State Fluorescence Quantum Yields and Their AIE Properties. 2016 , 137-155	1
2021	Facile preparation of pH-responsive AIE-active POSS dendrimers for the detection of trivalent metal cations and acid gases. 2016 , 7, 6432-6436	21
2020	An aggregation-induced emission star polymer with pH and metal ion responsive fluorescence. 2016 , 7, 6513-6520	22
2019	AIE Nanoparticles for in Vitro and in Vivo Imaging. 2016 , 217-243	5
2018	Effects of Substitution on Mechanochromic Luminescence and Aggregation-Induced Emission of Difluoroboron Diketonate Dyes. 2016 , 120, 22539-22548	55
2017	Fluorescent metallacycle-cored polymers via covalent linkage and their use as contrast agents for cell imaging. 2016 , 113, 11100-11105	95
2016	Pyrene fluorophores bearing two carbonyl groups in 1,2- positions: Synthesis and photophysical properties of pyrene-1,2-dicarboximides and a pyrene-1,2-dicarboxamide. 2016 , 330, 15-21	3

2015	Fluorescent vapochromism in synthetic polymers. 2016 , 65, 609-620		19
2014	Aggregation-Induced Emission and Photocyclization of Poly(hexaphenyl-1,3-butadiene)s Synthesized from $\text{Pd} + 2\text{I}$ + Polyacetylene. 2016 , 49, 5817-5830		15
2013	Rh-Catalyzed annulations of N-methoxybenzamides with ketenimines: synthesis of 3-aminoisoindolinones and 3-diarylmethyleneisoindolinones with strong aggregation induced emission properties. 2016 , 52, 10676-9		21
2012	Proton-shared hydrogen bond: Promoting generation of novel triradicals, and serving as phosphorescent and magnetic switch. 2016 , 220, 477-483		1
2011	Permanent excimer superstructures by supramolecular networking of metal quantum clusters. 2016 , 353, 571-5		43
2010	Organic Dots Based on AIEgens for Two-Photon Fluorescence Bioimaging. 2016 , 12, 6430-6450		85
2009	AIE-active tetraphenylethene functionalized metal-organic framework for selective detection of nitroaromatic explosives and organic photocatalysis. 2016 , 52, 11284-11287		116
2008	Emissive nanoparticles from pyridinium-substituted tetraphenylethylene salts: imaging and selective cytotoxicity towards cancer cells and by varying counter anions. 2016 , 7, 7013-7019		56
2007	Long-Term Tracking of the Osteogenic Differentiation of Mouse BMSCs by Aggregation-Induced Emission Nanoparticles. 2016 , 8, 17878-84		29
2006	Aggregation Induced Enhancement of Linear and Nonlinear Optical Emission from a Hexaphenylene Derivative. 2016 , 26, 8968-8977		56
2005	Self-assembly of a white-light emitting polymer with aggregation induced emission enhancement using simplified derivatives of tetraphenylethylene. 2016 , 4, 8027-8040		20
2004	Exploring the Origin of Aggregation Induced Emission Activity and Crystallization Induced Emission in Organometallic Iridium(III) Cationic Complexes: Influence of Counterions. 2016 , 16, 5738-5752		25
2003	Bright and biocompatible AIE polymeric nanoparticles prepared from miniemulsion for fluorescence cell imaging. 2016 , 7, 5571-5578		28
2002	Polyannulation of internal alkynes and O-acyloxime derivatives to synthesize functional poly(isoquinoline)s. 2016 , 7, 5436-5444		16
2001	Biocompatible Red Fluorescent Organic Nanoparticles with Tunable Size and Aggregation-Induced Emission for Evaluation of Blood-Brain Barrier Damage. <i>Advanced Materials</i> , 2016 , 28, 8760-8765	24	66
2000	AIEgens-Functionalized Inorganic-Organic Hybrid Materials: Fabrications and Applications. 2016 , 12, 6478-6494	71	
1999	Protease-Responsive Prodrug with Aggregation-Induced Emission Probe for Controlled Drug Delivery and Drug Release Tracking in Living Cells. 2016 , 88, 8913-9		68
1998	Aggregation induced emission enhancement and growth of naphthalimide nanoribbons via J-aggregation: insight into disaggregation induced unfolding and detection of ferritin at the nanomolar level. 2016 , 4, 6023-6031		37

1997	Dendritic copper phthalocyanine with aggregation induced blue emission and solid-state fluorescence. 2016 , 660, 143-148	6
1996	Far Red/Near-Infrared AIE Dots for Image-Guided Photodynamic Cancer Cell Ablation. 2016 , 8, 21193-200	83
1995	Tuning the AIE Activities and Emission Wavelengths of Tetraphenylethene-Containing Luminogens. 2016 , 1, 812-818	11
1994	Ultra-bright and stimuli-responsive fluorescent nanoparticles for bioimaging. 2016 , 8, 139-50	30
1993	Multicomponent Click Polymerization: A Facile Strategy toward Fused Heterocyclic Polymers. 2016 , 49, 5475-5483	46
1992	Fluorene-based mononuclear gold(I) complexes: the effect of alkyl chain, aggregation-induced emission (AIE) and mechanochromism characteristics. 2016 , 6, 73933-73938	31
1991	Targeted imaging of EGFR overexpressed cancer cells by brightly fluorescent nanoparticles conjugated with cetuximab. 2016 , 8, 15027-32	57
1990	Aggregation induced emission (AIE) active carbazole styryl fluorescent molecular rotor as viscosity sensor. 2016 , 1, 2058-2064	14
1989	Exploring the Mechanism of Fluorescence Quenching and Aggregation-Induced Emission of a Phenylethylene Derivative by QM (CASSCF and TDDFT) and ONIOM (QM:MM) Calculations. 2016 , 120, 21850-21857	34
1988	Modulating the optical properties of the AIE fluorophore confined within UiO-66's nanochannels for chemical sensing. 2016 , 8, 17489-17495	24
1987	Anionic conjugated polytriazole: direct preparation, aggregation-enhanced emission, and highly efficient Al ³⁺ sensing. 2016 , 7, 5835-5839	32
1986	Click Synthesis, Aggregation-Induced Emission and Chirality, Circularly Polarized Luminescence, and Helical Self-Assembly of a Leucine-Containing Silole. 2016 , 12, 6593-6601	44
1985	Synthesis, Aggregation Induced Emission and Mechanochromic Luminescence of New Diketone Derivatives Bearing Tetraphenylene Moieties. 2016 , 26, 2005-2013	6
1984	Organelle-specific bioprobes based on fluorogens with aggregation-induced emission (AIE) characteristics. 2016 , 14, 9931-9944	96
1983	A series of tetraphenylethene-based benzimidazoles: syntheses, structures, aggregation-induced emission and reversible mechanochromism. 2016 , 6, 79871-79878	15
1982	A New Tetraphenylethylene-Derived Fluorescent Probe for Nitroreductase Detection and Hypoxic-Tumor-Cell Imaging. 2016 , 11, 2918-2923	38
1981	A Robust Damage-Reporting Strategy for Polymeric Materials Enabled by Aggregation-Induced Emission. 2016 , 2, 598-603	87
1980	Tuning Emission of AIE-Active Organometallic Ir(III) Complexes by Simple Modulation of Strength of Donor/Acceptor on Ancillary Ligands. 2016 , 35, 3996-4001	41

1979	Anion-controlled dimer distance induced unique solid-state fluorescence of cyano substituted styrene pyridinium. 2016 , 6, 37609	13
1978	Constructing a Nonfluorescent Conformation of AIEgen: A Tetraphenylethene Embedded in the Calix[4]arene's Skeleton. 2016 , 22, 16037-16041	14
1977	Photoluminescence from Au(I) Complexes Exhibiting Color Sensitivity to the Structure of the Molecular Aggregates. 2016 , 45, 66-68	27
1976	Aggregation-induced emission and intermolecular charge transfer effect in triphenylamine fluorophores containing diphenylhydrazone structures. 2016 , 18, 28052-28060	24
1975	How a Small Structural Difference Can Turn Optical Properties of π -Extended Coumarins Upside Down: The Role of Non-Innocent Saturated Rings. 2016 , 22, 15380-15388	19
1974	An AIE-based bioprobe for differentiating the early and late stages of apoptosis mediated by HO. 2016 , 4, 5510-5514	17
1973	A new TICT and AIE-active tetraphenylethene-based Schiff base with reversible piezofluorochromism. 2016 , 6, 68178-68184	37
1972	Probing the Microporous Structure of Silica Shell Via Aggregation-Induced Emission in Au(I)-Thiolate@SiO Nanoparticle. 2016 , 12, 6537-6541	29
1971	Functionalized PGMA nanoparticles with aggregation-induced emission characteristics for gene delivery systems. 2016 , 7, 5630-5640	10
1970	Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents. 2016 , 12, 6554-6561	49
1969	Ratiometric Detection of β -Amyloid and Discrimination from Lectins by a Supramolecular AIE Glyconanoparticle. 2016 , 12, 6562-6567	35
1968	Synthesis, aggregation-enhanced emission, polymorphism and piezochromism of TPE-cored foldamers with through-space conjugation. 2016 , 52, 10842-5	26
1967	Aggregation-induced emission polymer nanoparticles with pH-responsive fluorescence. 2016 , 7, 5386-5395	29
1966	Phenazine-Based Ratiometric Hg Probes with Well-Resolved Dual Emissions: A New Sensing Mechanism by Vibration-Induced Emission (VIE). 2016 , 12, 6542-6546	37
1965	Bio-/Chemosensors and Imaging with Aggregation-Induced Emission Luminogens. 2016 , 16, 2142-60	39
1964	Reaction-Driven Self-Assembled Micellar Nanoprobes for Ratiometric Fluorescence Detection of CS ₂ with High Selectivity and Sensitivity. 2016 , 8, 20100-9	10
1963	A macrocyclic 1,4-bis(4-pyridylethynyl)benzene showing unique aggregation-induced emission properties. 2016 , 52, 10365-8	10
1962	An AIE-active fluorescence turn-on bioprobe mediated by hydrogen-bonding interaction for highly sensitive detection of hydrogen peroxide and glucose. 2016 , 52, 10076-9	92

1961	A dialdehyde-diboronate-functionalized AIE luminogen: design, synthesis and application in the detection of hydrogen peroxide. 2016 , 52, 10233-6	29
1960	Luminogenic Polymers with AIE Characteristics. 2016 , 27-62	1
1959	Liquid Crystalline AIE Luminogens: Properties and Applications. 2016 , 151-171	2
1958	Aggregation-induced emission (AIE) active iridium complexes toward highly efficient single-layer non-doped electroluminescent devices. 2016 , 4, 10464-10470	25
1957	Highly efficient blue solid emitters and tautomerization-induced ON/OFF fluorescence switching based on structurally simple 3(5)-phenol-1H-pyrazoles. 2016 , 52, 13128-13131	8
1956	Aggregation-Induced Orange-to-Red Fluorescence of 2,5-Bis(diarylamino)terephthalic Acid Dithioesters. 2016 , 2016, 5950-5956	13
1955	Combination of chemical etching of gold nanoclusters with aggregation-induced emission for preparation of new phosphors for the development of UV-driven phosphor-converted white light-emitting diodes. 2016 , 4, 11482-11487	18
1954	Supramolecular Hybrids of AIEgen with Carbon Dots for Noninvasive Long-Term Bioimaging. 2016 , 28, 8825-8833	46
1953	Electrochemistry and Photoluminescence of Icosahedral Carboranes, Boranes, Metallocarboranes, and Their Derivatives. 2016 , 116, 14307-14378	290
1952	AIE opens new applications in super-resolution imaging. 2016 , 4, 7761-7765	19
1951	Tetraphenylethene functionalized rhodamine dye for fluorescence detection of HCl vapor in the solid state. 2016 , 8, 7898-7902	5
1950	Synthesis, optical properties, and helical self-assembly of a bivaline-containing tetraphenylethene. 2016 , 6, 19277	53
1949	Amplified Fluorescence from Polyfluorene Nanoparticles with Dual State Emission and Aggregation Caused Red Shifted Emission for Live Cell Imaging and Cancer Theranostics. 2016 , 8, 32220-32229	39
1948	Replacing the non-polarized CC bond with an isoelectronic polarized B π unit for the design and development of smart materials. 2016 , 4, 11465-11473	25
1947	Fluorescence microscopy as an alternative to electron microscopy for microscale dispersion evaluation of organic-inorganic composites. 2016 , 7, 11811	82
1946	Monitoring and quantification of the complex bioaccumulation process of mercury ion in algae by a novel aggregation-induced emission fluorogen. 2016 , 6, 100318-100325	8
1945	Diaminomaleonitrile-based Schiff bases: aggregation-enhanced emission, red fluorescence, mechanochromism and bioimaging applications. 2016 , 4, 10430-10434	50
1944	New insights into the nature of the Cibacron brilliant red 3B-A [Chitosan interaction. 2016 , 88, 891-904	4

1943	AI-Egens-Functionalized Porous Materials for Explosives Detection. 2016 , 129-150	2
1942	A Mitochondrion-Specific Photoactivatable Fluorescence Turn-On AIE-Based Bioprobe for Localization Super-Resolution Microscope. <i>Advanced Materials</i> , 2016 , 28, 5064-71	24 131
1941	Triphenylamino π -Cyanovinyl- and Cyanoaryl-Based Fluorophores: Solvatochromism, Aggregation-Induced Emission and Electrochemical Properties. 2016 , 5, 399-410	34
1940	Aggregation-Induced Emission Active Probe for Light-Up Detection of Anionic Surfactants and Wash-Free Bacterial Imaging. 2016 , 22, 5107-12	36
1939	Structure-Dependent cis/trans Isomerization of Tetraphenylethene Derivatives: Consequences for Aggregation-Induced Emission. 2016 , 55, 6192-6	64
1938	Aggregation-induced emission-fluorophores and applications. 2016 , 4, 022003	53
1937	Effect of E/Z isomerization on the aggregation-induced emission features and mechanochromic performance of dialdehyde-substituted hexaphenyl-1,3-butadiene. 2016 , 133, 354-362	33
1936	Mitochondria-targeted aggregation induced emission theranostics: crucial importance of activation. 2016 , 7, 6050-6059	73
1935	Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. 2016 , 88, 6374-81	34
1934	Improving Electron Mobility of Tetraphenylethene-Based AIEgens to Fabricate Nondoped Organic Light-Emitting Diodes with Remarkably High Luminance and Efficiency. 2016 , 8, 16799-808	70
1933	Fluorescence enhancement in crystals tuned by a molecular torsion angle: a model to analyze structural impact. 2016 , 4, 6510-6515	27
1932	Unraveling the aggregation effect on amorphous phase AIE luminogens: a computational study. 2016 , 8, 15173-80	77
1931	Process-dependent reversible mechanochromic luminescence of bismuth based polymorphs. 2016 , 4, 5940-5944	20
1930	An investigation on the chemical structure of nitrogen and sulfur-doped carbon nanoparticles by ultra-performance liquid chromatography-tandem mass spectrometry. 2016 , 408, 5347-57	22
1929	Topological and packing mode modification for solid-state emission enhancement of bis(perfluorostyryl)furan derivatives. 2016 , 40, 6728-6734	4
1928	Highly Twisted N,N-Dialkylamines as a Design Strategy to Tune Simple Aromatic Hydrocarbons as Steric Environment-Sensitive Fluorophores. 2016 , 138, 8194-206	105
1927	BCL ₃ -mediated polycoupling of alkynes and aldehydes: a facile, metal-free multicomponent polymerization route to construct stereoregular functional polymers. 2016 , 7, 4667-4674	6
1926	Aggregation-Induced Phosphorescent Emission from ReI Complexes: Synthesis and Property Studies. 2016 , 2016, 1340-1347	9

1925	Bio-inspired metal ions regulate the structure evolution of self-assembled peptide-based nanoparticles. 2016 , 8, 14078-83	40
1924	Aggregation-induced emission enhancement in boron difluoride complexes of 3-cyanoformazanates. 2016 , 4, 6478-6482	29
1923	A Lysosome-Targeting AIEgen for Autophagy Visualization. 2016 , 5, 427-31	52
1922	Mechanoresponsive Luminescent Molecular Assemblies: An Emerging Class of Materials. <i>Advanced Materials</i> , 2016 , 28, 1073-95	24 604
1921	Molecular Materials That Can Both Emit Light and Conduct Charges: Strategies and Perspectives. 2016 , 22, 462-71	38
1920	A pillar[5]arene-based [2]rotaxane lights up mitochondria. 2016 , 7, 3017-3024	126
1919	Elucidating the structure of carbon nanoparticles by ultra-performance liquid chromatography coupled with electrospray ionisation quadrupole time-of-flight tandem mass spectrometry. 2016 , 911, 100-107	9
1918	Multicomponent sequential polymerizations of alkynes, carbonyl chloride and amino ester salts toward helical and luminescent polymers. 2016 , 7, 1836-1846	14
1917	Highly efficient green PLED based on triphenylaminesilole-carbazole-fluorene copolymers with TPBI as the hole blocking layer. 2016 , 127, 155-160	21
1916	A multi-stimuli responsive AIE-active salicylaldehyde-based Schiff base for sensitive detection of fluoride. 2016 , 228, 539-550	65
1915	Highly Robust Nanopore-Based Dual-Signal-Output Ion Detection System for Achieving Three Successive Calibration Curves. 2016 , 88, 2386-91	35
1914	Highly selective fluorescent chemosensor based on benzothiazole for detection of Zn ²⁺ . 2016 , 225, 167-173	31
1913	Phthalimide Compounds Containing a Trifluoromethylphenyl Group and Electron-Donating Aryl Groups: Color-Tuning and Enhancement of Triboluminescence. 2016 , 81, 433-41	51
1912	Color-Tunable Cyano-Substituted Divinylene Arene Luminogens as Fluorescent Hydrogels. 2016 , 32, 284-9	37
1911	Polymorphism-dependent aggregation induced emission of a push-pull dye and its multi-stimuli responsive behavior. 2016 , 4, 2979-2989	61
1910	Clear piezochromic behaviors of AIE-active organic powders under hydrostatic pressure. 2016 , 6, 1188-1193	28
1909	Fluorescent Light-Up Detection of Amine Vapors Based on Aggregation-Induced Emission. 2016 , 1, 179-184	160
1908	Blue AIEgens: approaches to control the intramolecular conjugation and the optimized performance of OLED devices. 2016 , 4, 2663-2684	189

1907	Integration of aggregation-induced emission and delayed fluorescence into electronic donor-acceptor conjugates. 2016 , 4, 3705-3708	93
1906	The synthesis, crystal structures, aggregation-induced emission and electroluminescence properties of two novel green-yellow emitters based on carbazole-substituted diphenylethene and dimesitylboron. 2016 , 33, 78-87	14
1905	Synthesis, characterization and aggregation induced enhanced emission properties of tetraaryl pyrazole decorated cyclophosphazenes. 2016 , 4, 3523-3530	19
1904	Light-Emitting Superstructures with Anion Effect: Coordination-Driven Self-Assembly of Pure Tetraphenylethylene Metallacycles and Metallacages. 2016 , 138, 4580-8	178
1903	A Highly Selective Chemosensor for Cyanide Derived from a Formyl-Functionalized Phosphorescent Iridium(III) Complex. 2016 , 55, 3448-61	46
1902	A sensitive AIEE probe for amphiphilic compounds. 2016 , 40, 4588-4594	7
1901	Fluorophores based on a minimal thienylthiazole core: towards multifunctional materials with solid state red emissions, solvatochromism and AIE behaviour. 2016 , 6, 32705-32709	4
1900	Subcellular Behaviour Evaluation of Nanopharmaceuticals with Aggregation-Induced Emission Molecules. 2016 , 4, 2719-2730	11
1899	Multicomponent syntheses of functional chromophores. 2016 , 45, 2825-46	194
1898	Novel pyrene containing monomeric and dimeric supramolecular AIEE active nano-probes utilized in selective Cu^{2+} trivalent metal and highly acidic pH sensing with live cell applications. 2016 , 4, 2056-2071	60
1897	Recent advances in twisted intramolecular charge transfer (TICT) fluorescence and related phenomena in materials chemistry. 2016 , 4, 2731-2743	594
1896	Unique piezochromic fluorescence behavior of organic crystal of carbazole-substituted CNDSB. 2016 , 52, 3836-9	107
1895	Bioinspired diphenylalanine with aggregation-induced emission in deep ultraviolet range. 2016 , 40, 1970-1973	11
1894	Phenylcarboxyl-decorated tetraphenylethene with diverse molecular RIM-induced emission from host-guest inclusion and aggregation formation. 2016 , 6, 16581-16585	6
1893	Solubilised bright blue-emitting iridium complexes for solution processed OLEDs. 2016 , 4, 3726-3737	61
1892	New AIE-active pyrimidine-based boronfluoride complexes with high solid-state emission and reversible mechanochromism luminescence behavior. 2016 , 45, 7278-84	37
1891	Luminescent Metal Nanoclusters with Aggregation-Induced Emission. 2016 , 7, 962-75	493
1890	Probing the self-assembly and stability of oligohistidine based rod-like micelles by aggregation induced luminescence. 2016 , 14, 5574-9	17

1889	Aggregation induced emission enhancement of pyrene-appended Schiff base luminophore and its photovoltaic effect. 2016 , 175, 44-49	5
1888	Effects of substitution position on crystal packing, polymorphism and crystallization-induced emission of (9-anthryl)vinylstyrylbenzene isomers. 2016 , 18, 2098-2104	15
1887	AIE active triphenylamineBenzothiazole based motifs: ESIPT or ICT emission. 2016 , 6, 26941-26949	29
1886	Dansyl conjugated tripodal AIEEgen for highly selective detection of 2,4,6-trinitrophenol in water and solid state. 2016 , 231, 79-87	31
1885	Functional isocoumarin-containing polymers synthesized by rhodium-catalyzed oxidative polycondensation of aryl diacid and internal diyne. 2016 , 7, 2501-2510	17
1884	Peptide-Induced AIEgen Self-Assembly: A New Strategy to Realize Highly Sensitive Fluorescent Light-Up Probes. 2016 , 88, 3872-8	81
1883	Fabrication of aggregation-induced emission based fluorescent nanoparticles and their biological imaging application: recent progress and perspectives. 2016 , 19, 284-291	40
1882	Light-Up Probes Based on Fluorogens with Aggregation-Induced Emission Characteristics for Monoamine Oxidase-A Activity Study in Solution and in Living Cells. 2016 , 8, 927-35	35
1881	Thermoresponsive AIE polymers with fine-tuned response temperature. 2016 , 4, 2964-2970	52
1880	Aggregation-Induced Emission Luminogen-Embedded Silica Nanoparticles Containing DNA Aptamers for Targeted Cell Imaging. 2016 , 8, 609-16	57
1879	Synthesis and optical properties of covalently bound Nile Red in mesoporous silica hybrids □ comparison of dye distribution of materials prepared by facile grafting and by co-condensation routes. 2016 , 6, 6209-6222	7
1878	Solid state red biphotonic excited emission from small dipolar fluorophores. 2016 , 4, 766-779	34
1877	Diketopyrrolopyrrole-Based Ratiometric/Turn-on Fluorescent Chemosensors for Citrate Detection in the Near-Infrared Region by an Aggregation-Induced Emission Mechanism. 2016 , 88, 1696-703	74
1876	A highly fluorescent AIE-active theranostic agent with anti-tumor activity to specific cancer cells. 2016 , 8, 12520-3	33
1875	Restricted access to a conical intersection to explain aggregation induced emission in dimethyl tetraphenylsilole. 2016 , 4, 2802-2810	104
1874	Solvent-assistant self-assembly of an AIE+TICT fluorescent Schiff base for the improved ammonia detection. 2016 , 150, 104-12	41
1873	Difluoroboron complexes of functionalized dehydroacetic acid: electrochemical and luminescent properties. 2016 , 72, 464-471	4
1872	AIE Based Coumarin Chromophore - Evaluation and Correlation Between Solvatochromism and Solvent Polarity Parameters. 2016 , 26, 497-511	12

1871	Triphenylamine-based luminogens and fluorescent polyimides: effects of functional groups and substituents on photophysical behaviors. 2016 , 7, 1569-1576	39
1870	Dicyanomethylenated Acridone Based Crystals: Torsional Vibration Confinement Induced Emission with Supramolecular Structure Dependent and Stimuli Responsive Characteristics. 2016 , 120, 587-597	40
1869	Enhanced AIE and different stimuli-responses in red fluorescent (1,3-dimethyl)barbituric acid-functionalized anthracenes. 2016 , 4, 751-757	21
1868	Hydrophobicity-induced prestaining for protein detection in polyacrylamide gel electrophoresis. 2016 , 52, 2807-10	15
1867	Directed lithiation of a pyrene-1-carboxamide as a route to new pyrenyl fluorophores. 2016 , 125, 331-338	6
1866	Probing the effects of external species on poly(acrylate acid) chain dynamics by using cationic AIE-active fluorophore. 2016 , 59, 218-224	5
1865	Fluorescence sensing based on phenylenediacetonitrile doped into polymer host. 2016 , 170, 293-298	1
1864	A mechanistic study of AIE processes of TPE luminogens: intramolecular rotation vs. configurational isomerization. 2016 , 4, 99-107	108
1863	Fluorescence, Phosphorescence, and Chemiluminescence. 2016 , 88, 170-202	72
1862	Fluorescent nanoassemblies between tetraphenylethenes and sulfonatocalixarenes: a systematic study of calixarene-induced aggregation. 2016 , 3, 53-61	28
1861	Dual-targeted activatable photosensitizers with aggregation-induced emission (AIE) characteristics for image-guided photodynamic cancer cell ablation. 2016 , 4, 169-176	58
1860	Long wavelength AIEgen of quinoline-malononitrile. 2016 , 4, 2640-2646	55
1859	Triphenylamine-functionalized tetraphenylpyrazine: facile preparation and multifaceted functionalities. 2016 , 4, 2901-2908	64
1858	Solid state fluorescent functionalized-triphenylamine Bodipy detector for HCl vapor with high stability and absolute fluorescent quantum yield. 2016 , 124, 110-119	29
1857	Aggregation induced emissive carbazole-based push pull NLOphores: Synthesis, photophysical properties and DFT studies. 2016 , 124, 82-92	43
1856	Solvent-induced emission of organogels based on tris(phenylisoxazolyl)benzene. 2016 , 14, 36-9	20
1855	In Vitro and in Vivo Demonstration of Photodynamic Activity and Cytoplasm Imaging through TPE Nanoparticles. 2016 , 11, 104-12	44
1854	Stimuli and shape responsive Boron-containing luminescent organic materials. 2016 , 4, 2647-2662	133

1853	Influence of the secondary structure on the AIE-related emission behavior of an amphiphilic polypeptide containing a hydrophobic fluorescent terminal and hydrophilic pendant groups. 2016 , 7, 153-163	9
1852	AIEgens for real-time naked-eye sensing of hydrazine in solution and on a paper substrate: structure-dependent signal output and selectivity. 2016 , 4, 2834-2842	67
1851	Controlled self-assembly of small molecule probes and the related applications in bioanalysis. 2016 , 76, 38-53	50
1850	Fluorescent probes for nanoscopy: four categories and multiple possibilities. 2017 , 10, 11-23	22
1849	Tunable Aggregation-Induced Emission of Tetraphenylethylene via Short Peptide-Directed Self-Assembly. 2017 , 4, 1600183	14
1848	Organic light-emitting diodes: theoretical understanding of highly efficient materials and development of computational methodology. 2017 , 4, 224-239	94
1847	A highly sensitive and facile graphene oxide-based nucleic acid probe: Label-free detection of telomerase activity in cancer patient's urine using AIEgens. 2017 , 89, 417-421	43
1846	Vapochromic features of new luminogens based on julolidine-containing styrene copolymers. 2017 , 196, 113-129	17
1845	E/Z isomerization, solvatochromism and aggregation-induced emission enhancement of donor-acceptor type oligo(p-phenylene vinylene)s. 2017 , 196, 163-176	6
1844	Synthesis of Poly(phenyltriazolylcarboxylate)s with Aggregation-Induced Emission Characteristics by Metal-Free 1,3-Dipolar Polycycloaddition of Phenylpropiolate and Azides. 2017 , 38, 1600745	19
1843	Detecting the Formation and Transformation of Oligomers during Insulin Fibrillation by a Dendrimer Conjugated with Aggregation-Induced Emission Molecule. 2017 , 28, 944-956	9
1842	Rigidification or interaction-induced phosphorescence of organic molecules. 2017 , 53, 2081-2093	228
1841	Aggregation induced emission active iridium(III) complexes with applications in mitochondrial staining. 2017 , 7, 5642-5648	29
1840	Comprehensive study on excited state intramolecular proton transfer in 2-(benzo[d]thiazol-2-yl)-3-methoxynaphthalen-1-ol and 2-(benzo[d]thiazol-2-yl)naphthalene-1,3-diol: Effect of solvent, aggregation, viscosity and TDDFT study. 2017 , 337, 33-43	12
1839	Color-tunable fluorescent nanoparticles encapsulating trialkylsilyl-substituted pyrene liquids. 2017 , 5, 2142-2148	20
1838	Easy access to new anthracenyl E-conjugates: generation of distinct AIE-active materials. 2017 , 5, 2380-2387	19
1837	Thermochromic Fluorescence from B18H20(NC5H5)2: An Inorganic/Organic Composite Luminescent Compound with an Unusual Molecular Geometry. 2017 , 5, 1600694	33
1836	Aggregation induced emission: Concluding Remarks. 2017 , 196, 461-472	10

1835	Aggregation-induced emission: mechanistic study of the clusteroluminescence of tetrathienylethene. 2017 , 8, 2629-2639	78
1834	A tetraphenylethene-based dye for latent fingerprint analysis. 2017 , 244, 777-784	33
1833	Polymer Assemblies with Nanostructure-Correlated Aggregation-Induced Emission. 2017 , 50, 1126-1133	87
1832	Specific detection of cancer cells through aggregation-induced emission of a light-up bioprobe. 2017 , 53, 2398-2401	23
1831	Homoconjugation in poly(phenylene methylene)s: A case study of non- π -conjugated polymers with unexpected fluorescent properties. 2017 , 55, 707-720	17
1830	Highly Light-Sensitive Luminescent Cyanostilbene Flexible Dimers. 2017 , 5, 1600860	22
1829	Steric, conjugation and electronic impacts on the photoluminescence and electroluminescence properties of luminogens based on phosphindole oxide. 2017 , 5, 1836-1842	34
1828	Induced Aggregation of AIE-Active Mono-Cyclometalated Ir(III) Complex into Supramolecular Branched Wires for Light-Emitting Diodes. 2017 , 13, 1603780	18
1827	AIE Active Carbazole-Benzothiazole Based ESIPT Motifs: Positional Isomers Directing the Optical and Electronic Properties. 2017 , 2, 1959-1966	13
1826	π Cyanostyrenes with Pyrene Scaffold: Unique Emission through Aggregation. 2017 , 2, 1902-1910	9
1825	A new fluorophore displaying remarkable solvatofluorochromism and solid-state light emission, and serving as a turn-on fluorescent sensor for cyanide ions. 2017 , 4, 743-749	10
1824	The marriage of AIE and interface engineering: convenient synthesis and enhanced photovoltaic performance. 2017 , 8, 3750-3758	31
1823	The Strong Light-Emission Materials in the Aggregated State: What Happens from a Single Molecule to the Collective Group. 2017 , 4, 1600484	369
1822	Encapsulation of aggregated gold nanoclusters in a metal-organic framework for real-time monitoring of drug release. 2017 , 9, 4128-4134	72
1821	Highly emissive carbazole-based gold(I) complex with a long room-temperature phosphorescence lifetime and self-reversible mechanochromism characteristics. 2017 , 7, 15112-15115	18
1820	Coumarin-Based Boron Complexes with Aggregation-Induced Emission. 2017 , 82, 3456-3462	44
1819	A photostable triphenylamine-based flavonoid dye: Solvatochromism, aggregation-induced emission enhancement, fabrication of organic nanodots, and cell imaging applications. 2017 , 142, 32-38	18
1818	A comparative study of the fluorescence properties of vinyl-bridging anthracene and/or phenanthrene isomers. 2017 , 187, 14-19	3

1817	ESIPT-Induced Carbazole-Based AIEE Material for Nanomolar Detection of Cu ²⁺ and CN ⁻ Ions: A Molecular Keypad Security Device. 2017 , 2017, 2457-2463	14	
1816	Comparative study of the dicyanovinyl-functionalized 1,1-dimethyl-2,3,4,5-tetraphenylsilole derivatives on their structures, properties, and applications in thiol detection. 2017 , 141, 366-378	19	
1815	Supramolecular polymeric assemblies of π -conjugated molecules possessing phenylisoxazoles. 2017 , 128, 243-256	11	
1814	Design and synthesis of a molecule with aggregation-induced emission effects and its application in the detection of arsenite in groundwater. 2017 , 5, 3669-3672	21	
1813	Aggregation-induced emission activity and further Cu ²⁺ -induced self-assembly process of two Schiff compounds. 2017 , 246, 554-562	42	
1812	Construction of Supramolecular Nanoassembly for Responsive Bacterial Elimination and Effective Bacterial Detection. 2017 , 9, 10180-10189	63	
1811	Insights into the origin of aggregation enhanced emission of 9,10-distyrylanthracene derivatives. 2017 , 1, 1422-1429	41	
1810	Long wavelength excitable near-infrared fluorescent nanoparticles with aggregation-induced emission characteristics for image-guided tumor resection. 2017 , 8, 2782-2789	131	
1809	Synthesis and Electrochemical Study of a TCAA Derivative: A potential bipolar redox-active material. 2017 , 228, 494-502	10	
1808	The effect of different binding sites on the optical and electronic properties of tetraphenylethylene-substituted thiophene isomers. 2017 , 5, 2552-2558	21	
1807	Benzimidazole acrylonitriles as multifunctional push-pull chromophores: Spectral characterisation, protonation equilibria and nanoaggregation in aqueous solutions. 2017 , 178, 225-233	12	
1806	Structural Insights Into 9-Styrylanthracene-Based Luminophores: Geometry Control Versus Mechanofluorochromism and Sensing Properties. 2017 , 12, 830-834	15	
1805	Substituent effects on the aggregation-induced emission and two-photon absorption properties of triphenylamine- π -benzo[a,c]phenazine adducts. 2017 , 1, 1396-1405	35	
1804	3,4,5-Triphenyl-1,2,4-triazole-based multifunctional n-type AIEgen. 2017 , 60, 635-641	8	
1803	(Z)-Tetraphenylbut-2-ene-1,4-diones: facile synthesis, tunable aggregation-induced emission and fluorescence acid sensing. 2017 , 5, 3408-3414	9	
1802	Metallacycle-cored supramolecular assemblies with tunable fluorescence including white-light emission. 2017 , 114, 3044-3049	133	
1801	Mitochondrion-Anchoring Photosensitizer with Aggregation-Induced Emission Characteristics Synergistically Boosts the Radiosensitivity of Cancer Cells to Ionizing Radiation. <i>Advanced Materials</i> , 2017 , 29, 1606167	24	173
1800	Recent developments in the field of photoluminescent organically modified cyclosiloxanes. 2017 , 46, 3086-3094		2

1799	Carbohydrate Tethered Cyanostilbene Fluorogen: Unique Emission and Preferential Protein Binding. 2017 , 2, 405-414	2
1798	A New Benzodithiophene-Based Cruciform Electron-Donor/Electron-Acceptor Molecule with Ambipolar/Photoresponsive Semiconducting and Red-Light-Emissive Properties. 2017 , 6, 1277-1284	4
1797	Organic Electron Acceptors Comprising a Dicyanomethylene-Bridged Acridophosphine Scaffold: The Impact of the Heteroatom. 2017 , 23, 6988-6992	25
1796	Fluorescent Chemosensor for Zinc Ion Detection with Significant Emission Color Change in Aqueous Solution Based on AIEgen. 2017 , 2, 3158-3162	18
1795	Functionalized AIE nanoparticles with efficient deep-red emission, mitochondrial specificity, cancer cell selectivity and multiphoton susceptibility. 2017 , 8, 4634-4643	53
1794	A highly zinc-selective ratiometric fluorescent probe based on AIE luminogen functionalized coordination polymer nanoparticles. 2017 , 7, 21446-21451	24
1793	A self-assembled fluorescent organic nanoprobe and its application for sulfite detection in food samples and living systems. 2017 , 15, 4375-4382	34
1792	In vivo cancer research using aggregation-induced emission organic nanoparticles. 2017 , 22, 1412-1420	21
1791	Oligo(maleic anhydride)s: a platform for unveiling the mechanism of clusteroluminescence of non-aromatic polymers. 2017 , 5, 4775-4779	96
1790	Red-shift in fluorescence emission of D _{2h} type asymmetrical Zn(II) complexes by extending the π stacking interaction. 2017 , 7, 20488-20493	20
1789	Direct encapsulation of AIE-active dye with β -cyclodextrin terminated polymers: Self-assembly and biological imaging. 2017 , 78, 862-867	97
1788	Dual-targeted peptide-conjugated multifunctional fluorescent probe with AIEgen for efficient nucleus-specific imaging and long-term tracing of cancer cells. 2017 , 8, 4571-4578	79
1787	Highly Fluorescent Metal-Organic Frameworks Based on a Benzene-Cored Tetraphenylethene Derivative with the Ability To Detect 2,4,6-Trinitrophenol in Water. 2017 , 17, 3170-3177	83
1786	Metal-Free Poly-Cycloaddition of Activated Azide and Alkynes toward Multifunctional Polytriazoles: Aggregation-Induced Emission, Explosive Detection, Fluorescent Patterning, and Light Refraction. 2017 , 38, 1700070	19
1785	Coumarin-Pyrazole Hybrid with Red Shifted ESIPT Emission and AIE Characteristics - a Comprehensive Study. 2017 , 27, 1687-1707	11
1784	Controlling solid-state optical properties of stimuli responsive dimethylamino-substituted dibenzoylmethane materials. 2017 , 1, 1804-1817	19
1783	Aggregation of an n π Molecule Induces Fluorescence Turn-on. 2017 , 121, 11907-11914	13
1782	Pyrene/fluorescein-based colour-tunable AIE-active hybrid fluorophore material for potential live cell imaging applications. 2017 , 41, 5114-5120	4

- 1781 Nanogel-loading a triarylboron-based AIE fluorophore to achieve ratiometric sensing for hydrogen peroxide and sequential response for pH. **2017**, 41, 4733-4737 18
- 1780 A tetraphenylethylene (TPE)-based supra-amphiphilic organoplatinum(II) metallacycle and its self-assembly behaviour. **2017**, 1, 1823-1828 56
- 1779 Water-Soluble Polymers with Strong Photoluminescence through an Eco-Friendly and Low-Cost Route. **2017**, 38, 1700099 28
- 1778 Tunable AICPL of (S)-Binaphthyl-Based Three-Component Polymers via FRET Mechanism. **2017**, 38, 1700150 15
- 1777 Pendant chain engineering to fine-tune the nanomorphologies and solid state luminescence of naphthalimide AIEEgens: application to phenolic nitro-explosive detection in water. **2017**, 9, 7674-7685 34
- 1776 Turning on the solid emission from non-emissive 2-aryl-3-cyanobenzofurans by tethering tetraphenylethene for green electroluminescence. **2017**, 1, 1858-1865 21
- 1775 Polymorphism and mechanochromism of N-alkylated 1,4-dihydropyridine derivatives containing different electron-withdrawing end groups. **2017**, 5, 5183-5192 39
- 1774 Discrete Dimeric Anthracene Stackings in Solids with Enhanced Excimer Fluorescence. **2017**, 17, 2945-2949 40
- 1773 A fluorescent chemosensor based on nonplanar donor-acceptor structure for highly sensitive and selective detection of picric acid in water. **2017**, 143, 463-469 36
- 1772 Efficient crystallization-induced emission in fluorenyl-tethered carboranes. **2017**, 19, 12928-12935 22
- 1771 A highly sensitive DNA-AIEgen-based Turn-on Fluorescence chemosensor for amplification analysis of Hg²⁺ ions in real samples and living cells. **2017**, 60, 663-669 16
- 1770 Highly selective vapochromic fluorescence of polycarbonate films Doped with an ICT-Based solvatochromic probe. **2017**, 55, 1171-1180 3
- 1769 Advancements in infrared imaging platforms: complementary imaging systems and contrast agents. **2017**, 5, 4266-4275 6
- 1768 Thermally Activated Delayed Fluorescence Organic Dots (TADF Odots) for Time-Resolved and Confocal Fluorescence Imaging in Living Cells and In Vivo. **2017**, 4, 1600166 77
- 1767 Thermally Stable Zinc Disalphen Macrocycles Showing Solid-State and Aggregation-Induced Enhanced Emission. **2017**, 56, 5688-5695 12
- 1766 Strongly Red-Shifted Photoluminescence Band Induced by Molecular Twisting in Cyanine (Cy3) Dye Films. **2017**, 121, 9587-9593 16
- 1765 Ionic complex of a rhodamine dye with aggregation-induced emission properties. **2017**, 196, 177-190 5
- 1764 One bioprobe: a fluorescent and AIE-active macromolecule; two targets: nucleolus and mitochondria with long term tracking. **2017**, 5, 655-660 21

1763	Phenothiazin-N-yl-capped 1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrrole exhibiting strong two-photon absorption and aggregation-enhanced one- and two-photon excitation red fluorescence. 2017 , 7, 30610-30617		7
1762	Terpyridine functionalized Erythrosin derivative as excellent fluorescence and naked eyes Fe ²⁺ probe in aqueous environment. 2017 , 71, 2209-2215		9
1761	Regulation on the aggregation-induced emission (AIE) of DNA-templated silver nanoclusters by BSA and its hydrolysates. 2017 , 505, 577-584		27
1760	A Flexible, Fused, Azomethine-Boron Complex: Thermochromic Luminescence and Thermosensitive Behavior in Structural Transitions between Crystalline Polymorphs. 2017 , 23, 11827-11833		73
1759	Construction of Polysubstituted 1,2-Dihydrocyclobuta[b]naphthalenes and 1,2-Dihydrocyclobuta[b]anthracenes with Photoluminescence. 2017 , 82, 6202-6209		6
1758	Two-photon AIE bio-probe with large Stokes shift for specific imaging of lipid droplets. 2017 , 8, 5440-5446		234
1757	Towards Efficient Spectral Converters through Materials Design for Luminescent Solar Devices. <i>Advanced Materials</i> , 2017 , 29, 1606491	24	139
1756	Core Cross-Linked Multiarm Star Polymers with Aggregation-Induced Emission and Temperature Responsive Fluorescence Characteristics. 2017 , 50, 4217-4226		37
1755	Spatiotemporally Controllable Peptide-Based Nanoassembly in Single Living Cells for a Biological Self-Portrait. <i>Advanced Materials</i> , 2017 , 29, 1601128	24	14
1754	Design and Luminescence Chromism of Fused Boron Complexes Having Constant Emission Efficiencies in Solution and in the Amorphous and Crystalline States. 2017 , 2017, 5191-5196		35
1753	Direct Observation of the Symmetrical and Asymmetrical Protonation States in Molecular Crystals. 2017 , 8, 3068-3072		25
1752	A Self-Assembled Trigonal Prismatic Molecular Vessel for Catalytic Dehydration Reactions in Water. 2017 , 23, 12565-12574		51
1751	Sensitive mechanofluorochromism based on conversion of paired and unpaired enantiomer packing modes. 2017 , 145, 391-398		9
1750	Molecular conformation and packing: their critical roles in the emission performance of mechanochromic fluorescence materials. 2017 , 1, 2174-2194		363
1749	Aggregation-induced emission enhancement and aggregation-induced circular dichroism of chiral pentaphenylpyrrole derivatives and their helical self-assembly. 2017 , 41, 8877-8884		23
1748	3-Piperazinyl propenylidene indolone merocyanines: consecutive three-component synthesis and electronic properties of solid-state luminophores with AIE properties. 2017 , 1, 2013-2026		20
1747	Functionality and versatility of aggregation-induced emission luminogens. 2017 , 4, 021307		118
1746	Salen and [Al(salen)(H ₂ O) ₂] ⁺ : The combination model of organic AIEgen and metal complex self-assembly. 2017 , 252, 794-802		9

1745	Facile fabrication of AIE/AIEE-active fluorescent nanoparticles based on barbituric for cell imaging applications. 2017 , 7, 30229-30241	32
1744	Aggregation-Induced Emission (AIE) Fluorophore Exhibits a Highly Ratiometric Fluorescent Response to Zn in vitro and in Human Liver Cancer Cells. 2017 , 23, 13067-13075	19
1743	Aggregation-induced emission: Materials and biomedical applications. 2017 , 42, 458-463	4
1742	Blue-to-Green Delayed Fluorescence of 2-Aminoisophthalic Acid Diesters Dispersed in Polymer Film. 2017 , 2017, 4695-4702	4
1741	From Two, to Three, to Multi-Color Switches: Developing AIEgen-Based Mechanochromic Materials. 2017 , 3, 569-574	9
1740	Aggregation induced emission enhancement from antipyrine-based schiff base and its selective sensing towards picric acid. 2017 , 248, 223-233	26
1739	Robust Luminescent Materials with Prominent Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence for High-Performance Organic Light-Emitting Diodes. 2017 , 29, 3623-3631	176
1738	A two-photon fluorescent probe for specific detection of hydrogen sulfide based on a familiar ES IPT fluorophore bearing AIE characteristics. 2017 , 53, 4791-4794	96
1737	Palladium-Catalyzed Synthesis of Tetrasubstituted Olefins by Triple Domino Process. 2017 , 359, 2407-2413	18
1736	Synthesis of an efficient Pyrene based AIE active functional material for selective sensing of 2,4,6-trinitrophenol. 2017 , 342, 1-14	45
1735	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. 2017 , 139, 5067-5074	230
1734	Unprecedented Strong Photoluminescences Induced from Both Aggregation and Polymerization of Novel Nonconjugated β -Cyclodextrin Dimer. 2017 , 56, 3913-3919	24
1733	Excited-State Decay Paths in Tetraphenylethene Derivatives. 2017 , 121, 2572-2579	75
1732	Thermo-responsive fluorescence of AIE-active poly(N-isopropylacrylamides) labeled with highly twisted bis(N,N-dialkylamino)arenes. 2017 , 7, 17403-17416	12
1731	Immobilization of AIEgens into metal-organic frameworks: Ligand design, emission behavior, and applications. 2017 , 55, 1809-1817	13
1730	Aggregation induced emission enhancement (AIEE) characteristics of quinoline based compound - A versatile fluorescent probe for pH, Fe(III) ion, BSA binding and optical cell imaging. 2017 , 182, 58-66	12
1729	Thermally Activated Delayed Fluorescence and Aggregation Induced Emission with Through-Space Charge Transfer. 2017 , 139, 4894-4900	300
1728	One-Step Formulation of Targeted Aggregation-Induced Emission Dots for Image-Guided Photodynamic Therapy of Cholangiocarcinoma. 2017 , 11, 3922-3932	150

1727	Light up detection of heparin based on aggregation-induced emission and synergistic counter ion displacement. 2017 , 53, 4795-4798	28
1726	Poly(naphthalene diimide) vinylene: solid state red emission and semiconducting properties for transistors. 2017 , 53, 4934-4937	16
1725	Facile Access to Twisted Intramolecular Charge-Transfer Fluorogens Bearing Highly Pretwisted Donor-Acceptor Systems Together with Readily Fine-Tuned Charge-Transfer Characters. 2017 , 13, 1604113	25
1724	Photoluminescent Honeycomb Structures from Polyoxometalates and an Imidazolium-Based Ionic Liquid Bearing a π -Conjugated Moiety and a Branched Aliphatic Chain. 2017 , 23, 7278-7286	8
1723	Ratiometric Hg /Ag Probes with Orange Red-White-Blue Fluorescence Response Constructed by Integrating Vibration-Induced Emission with an Aggregation-Induced Emission Motif. 2017 , 23, 9280-9287	28
1722	Aggregation induced emissive and NLOphoric coumarin thiazole hybrid dyes: Synthesis, photophysics and TD-DFT studies. 2017 , 188, 38-53	13
1721	Endowing a triarylboron compound showing ACQ with AIE characteristics by transforming its emissive TICT state to be dark. 2017 , 7, 14511-14515	19
1720	Stimuli-responsive luminescent coumarin thiazole hybrid dye: Synthesis, aggregation induced emission, thermochromism and DFT study. 2017 , 142, 121-125	21
1719	Pyridinium-Substituted TetraphenylethyleneEntailing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. 2017 , 12, 1013-1019	27
1718	Diverse Applications of Nanomedicine. 2017 , 11, 2313-2381	714
1717	Gemini-Type Tetraphenylethylene Amphiphiles Containing [12]aneN and Long Hydrocarbon Chains as Nonviral Gene Vectors and Gene Delivery Monitors. 2017 , 9, 11546-11556	27
1716	Poly(phenylene-ethynylene-alt-tetraphenylethene) copolymers: aggregation enhanced emission, induced circular dichroism, tunable surface wettability and sensitive explosive detection. 2017 , 8, 2353-2362	17
1715	Tuning of fluorescence efficiency via local modification of the crystal structure by benzyl groups in polymorphs of a pyrazine dye. 2017 , 19, 1947-1952	12
1714	Wettability with Aggregation-Induced Emission Luminogens. 2017 , 38, 1700041	2
1713	Surfactant-assisted self-assembled polymorphs of AIEgen di(4-propoxyphenyl)dibenzofulvene. 2017 , 5, 557-565	15
1712	Targeted combinational therapy inducing mitochondrial dysfunction. 2017 , 53, 1281-1284	25
1711	One-Pot Synthesis and Structure-Property Relationship of Aminomaleimides: Fluorescence Efficiencies in Monomers and Aggregates Easily Tuned by Switch of Aryl and Alkyl. 2017 , 82, 1096-1104	31
1710	An easily accessible aggregation-induced emission probe for lipid droplet-specific imaging and movement tracking. 2017 , 53, 921-924	92

1709	Excited state proton transfer in 2'-hydroxychalcone derivatives. 2017 , 19, 2409-2416	44
1708	Various Tetraphenylethene-Based AIEgens with Four Functional Polymer Arms: Versatile Synthetic Approach and Photophysical Properties. 2017 , 56, 680-686	17
1707	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. 2017 , 1, 1125-1129	123
1706	A Complementary Aggregation Induced Emission Pair for Generating White Light and Four-Colour (RGB and Near-IR) Cell Imaging. 2017 , 1, 84-88	7
1705	Ionic Re(I) complexes with 4-(4-triphenylsilylphenyl) pyridine: Synthesis, characterization, sensing properties and DFT calculations. 2017 , 184, 242-249	3
1704	Luminescent tetraphenylethene-cored, carbazole- and thiophene-based microporous polymer films for the chemosensing of nitroaromatic analytes. 2017 , 1, 1118-1124	47
1703	Oxidation-enhanced emission: exploring novel AIEgens from thieno[3,2-b]thiophene S,S-dioxide. 2017 , 5, 960-968	37
1702	1,4-Dihydropyridines: discovery of minimal AIEgens and their mitochondrial imaging applications. 2017 , 5, 464-469	13
1701	Synthesis and properties of tetraphenylethylene derivatived diarylethene with photochromism and aggregation-induced emission. 2017 , 139, 118-128	44
1700	AIE-active polymers for explosive detection. 2017 , 35, 141-154	89
1699	A two-channel responsive fluorescent probe with AIE characteristics and its application for selective imaging of superoxide anions in living cells. 2017 , 53, 1653-1656	86
1698	A novel aggregation-induced emission platform from 2,3-diphenylbenzo[b]thiophene S,S-dioxide. 2017 , 53, 1463-1466	34
1697	Polymorphism-dependent aggregation-induced emission of pyrrolopyrrole-based derivative and its multi-stimuli response behaviors. 2017 , 139, 664-671	37
1696	Coordination-Directed Stacking and Aggregation-Induced Emission Enhancement of the Zn(II) Schiff Base Complex. 2017 , 56, 984-990	31
1695	1,2-Bis(diarylmethylene)cyclobutane as an Effective Building Block for Aggregation-Induced Emissive Materials. 2017 , 6, 165-168	5
1694	Photoactivatable aggregation-induced emission probes for lipid droplets-specific live cell imaging. 2017 , 8, 1763-1768	103
1693	Dual aggregation-induced emission for enhanced fluorescence sensing of furin activity in vitro and in living cells. 2017 , 53, 1037-1040	65
1692	Optical and Structural Properties of ESIPT Inspired HBT-Fluorene Molecular Aggregates and Liquid Crystals. 2017 , 121, 10407-10416	25

1691	Novel Strategy toward AIE-Active Fluorescent Polymeric Nanoparticles from Polysaccharides: Preparation and Cell Imaging. 2017 , 5, 9955-9964	36
1690	Ultrafast Delivery of Aggregation-Induced Emission Nanoparticles and Pure Organic Phosphorescent Nanocrystals by Saponin Encapsulation. 2017 , 139, 14792-14799	84
1689	A multiple biomarker assay for quality assessment of botanical drugs using a versatile microfluidic chip. 2017 , 7, 12243	6
1688	Aggregation-induced phosphorescence emission and pH recognition properties of an Iridium (III) complex. 2017 , 86, 54-57	1
1687	Resonance Energy Transfer Emission Observed in Cocrystal of N,N'-Bis(3-imidazol-1-ylpropyl)naphthalenediimide with Cinnamic Acid. 2017 , 2, 10101-10106	4
1686	Multiple Efficient Fluorescence Emission from Cucurbit[10]uril-[CdCl] ₂ -Based Pillared Diamond Porous Supramolecular Frameworks. 2017 , 9, 40760-40765	32
1685	Chemiluminescence-Guided Cancer Therapy Using a Chemiexcited Photosensitizer. 2017 , 3, 991-1007	169
1684	Deep red aggregation-induced CPL emission behavior of four-component tunable AIE-active chiral polymers via two FRET pairs mechanism. 2017 , 130, 61-67	14
1683	UiO-68-ol NMOF-Based Fluorescent Sensor for Selective Detection of HClO and Its Application in Bioimaging. 2017 , 56, 13241-13248	38
1682	Synthesis, aggregation-induced emission and electroluminescence properties of three new phenylethylene derivatives comprising carbazole and (dimesitylboranyl)phenyl groups. 2017 , 5, 11741-11750	10
1681	Facile Synthesis of Red/NIR AIE Luminogens with Simple Structures, Bright Emissions, and High Photostabilities, and Their Applications for Specific Imaging of Lipid Droplets and Image-Guided Photodynamic Therapy. 2017 , 27, 1704039	129
1680	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. 2017 , 139, 15940-15949	172
1679	Light/temperature-enhanced emission characteristics of malononitrile-containing hexaphenyl-1,3-butadiene derivatives: the hotter, the brighter. 2017 , 1, 2569-2573	11
1678	Fluorescent Sensors Based on Aggregation-Induced Emission: Recent Advances and Perspectives. 2017 , 2, 1382-1399	384
1677	A Simple and Sensitive Method for an Important Physical Parameter: Reliable Measurement of Glass Transition Temperature by AIEgens. 2017 , 50, 7620-7627	40
1676	Generation of Multicomponent Molecular Cages using Simultaneous Dynamic Covalent Reactions. 2017 , 23, 18010-18018	24
1675	Formation mechanism of bead-chain-like ZnO nanostructures from oriented attachment of Zn/ZnO nanocomposites prepared via DC arc discharge in liquid. 2017 , 72, 128-133	7
1674	A Benzothiazole-Based Fluorescent Probe for Ratiometric Detection of Al ³⁺ in Aqueous Medium and Living Cells. 2017 , 56, 12267-12275	59

1673	Multiscale Humidity Visualization by Environmentally Sensitive Fluorescent Molecular Rotors. <i>Advanced Materials</i> , 2017 , 29, 1703900	24	135
1672	AIE-active molecule-based self-assembled nano-fibrous films for sensitive detection of volatile organic amines. 2017 , 5, 11781-11789		31
1671	Simple Donor-Acceptor Luminogen Based on an Azaindole Derivative as Solid-State Emitter for Organic Light-Emitting Devices. 2017 , 2, 2653-2658		6
1670	Naphthalimide-Containing Isomeric Urea Derivatives: Mechanoluminescence and Fluoride Recognition. 2017 , 1, 524-531		6
1669	Studying a novel AIE coating and its handling process via fluorescence spectrum. 2017 , 7, 41127-41135		4
1668	Solution-Processable Thermally Activated Delayed Fluorescence White OLEDs Based on Dual-Emission Polymers with Tunable Emission Colors and Aggregation-Enhanced Emission Properties. 2017 , 5, 1700435		84
1667	A light-up endoplasmic reticulum probe based on a rational design of red-emissive fluorogens with aggregation-induced emission. 2017 , 53, 10792-10795		22
1666	Discrete face-to-face stacking of anthracene inducing high-efficiency excimer fluorescence in solids via a thermally activated phase transition. 2017 , 5, 10061-10067		48
1665	2,5-bis(4-alkoxycarbonylphenyl)-1,4-diaryl-1,4-dihydropyrrolo[3,2-]pyrrole () AIEgens: tunable RIR and TICT characteristics and their multifunctional applications. 2017 , 8, 7258-7267		118
1664	Quantitative evaluation and in vivo visualization of mercury ion bioaccumulation in rotifers by novel aggregation-induced emission fluorogen nanoparticles. 2017 , 4, 2186-2192		16
1663	A red-emitting cationic hyperbranched polymer: facile synthesis, aggregation-enhanced emission, large Stokes shift, polarity-insensitive fluorescence and application in cell imaging. 2017 , 8, 6277-6282		20
1662	Rational molecular design of aggregation-induced emission cationic Ir(III) phosphors achieving supersensitive and selective detection of nitroaromatic explosives. 2017 , 5, 10847-10854		34
1661	Self-Assembly Tuning of Cyanostilbene Fluorogens: Aggregates to Nanostructures. 2017 , 121, 22478-22486		14
1660	Instant room temperature synthesis of self-assembled emission-tunable gold nanoclusters: million-fold emission enhancement and fluorimetric detection of Zn . 2017 , 9, 15494-15504		27
1659	Cyanobenzene-containing tetraphenylethene derivatives with aggregation-induced emission and self-recovering mechanofluorochromic characteristics. 2017 , 7, 43845-43848		24
1658	Mechanoresponsive Fluorescence of 2-Aminobenzophenone Derivatives Based on Amorphous Phase to Crystalline Transformation with High Off-On Contrast Ratio. 2017 , 121, 21610-21615		18
1657	Fluorescent Protein Nanovessels: A New Platform to Generate Bio-Biomatic Hybrid Materials for Bioimaging. 2017 , 27, 1702051		11
1656	Organometallic phosphors as building blocks in sol-gel chemistry: luminescent organometallo-silica materials. 2017 , 5, 9721-9732		14

- 1655 Fluorescent Crystals of Zwitterionic Imidazolium Pyridinolates: A Rational Design for Solid-State Emission Based on the Twisting Control of Proemissive N-Aryl Imidazolium Platforms. **2017**, 2017, 5044-5054 2
- 1654 Photoluminescence of Diphenylalanine Peptide Nano/Microstructures: From Mechanisms to Applications. **2017**, 38, 1700370 19
- 1653 Hybrid cis/trans Tetra-arylethenes with Switchable Aggregation-Induced Emission (AIE) and Reversible Photochromism in the Solution, PMMA Film, Solid Powder, and Single Crystal. **2017**, 82, 10960-10967 25
- 1652 Tetraphenylethylene tetracylhydrazine macrocycle with capability for discrimination of n-propanol from i-propanol and highly sensitive/selective detection of nitrobenzene. **2017**, 5, 10462-10468 28
- 1651 Fabrication of Stable and Luminescent Copper Nanocluster-Based AIE Particles and Their Application in β -Galactosidase Activity Assay. **2017**, 9, 32887-32895 49
- 1650 AIEgens for biological process monitoring and disease theranostics. **2017**, 146, 115-135 174
- 1649 Versatile Donor-Acceptor-Type Aggregation-Enhanced Emission Active Fluorophores as Both Highly Efficient Nondoped Emitter and Excellent Host. **2017**, 9, 32946-32956 30
- 1648 Band $[\text{Bmim}][\text{BiCl}(\text{2,2}'\text{-bpy})]$: Two Polymorphic Bismuth-Containing Ionic Liquids with Crystallization-Induced Phosphorescence. **2017**, 23, 15795-15804 36
- 1647 Tunable AIEE fluorescence constructed from a triphenylamine luminogen containing quinoline - application in a reversible and tunable pH sensor. **2017**, 19, 21672-21682 14
- 1646 Highly Emissive Organic Single-Molecule White Emitters by Engineering o-Carborane-Based Luminophores. **2017**, 129, 11528-11532 30
- 1645 Fabrication of AIE-active fluorescent organic nanoparticles through one-pot supramolecular polymerization and their biological imaging. **2017**, 78, 455-461 16
- 1644 Explosives in the Cage: Metal-Organic Frameworks for High-Energy Materials Sensing and Desensitization. *Advanced Materials*, **2017**, 29, 1701898 24 90
- 1643 Near-infrared emitting single squaraine dye aggregates with large Stokes shifts. **2017**, 5, 7732-7738 30
- 1642 Design, synthesis and aggregation induced emission properties of two bichromophores with a triphenylamine-coumarin dyad structure. **2017**, 146, 479-490 20
- 1641 Spectroscopic Investigation and Theoretical Modeling of Benzothiadiazole-Based Charge-Transfer Chromophores: From Solution to Nanoaggregates. **2017**, 121, 17466-17478 16
- 1640 High-Contrast Visualization and Differentiation of Microphase Separation in Polymer Blends by Fluorescent AIE Probes. **2017**, 50, 5807-5815 57
- 1639 One-Pot Synthesis of Carbon Nanodots in an Organic Medium with Aggregation-Induced Emission Enhancement (AIEE): A Rationale for "Enzyme-Free" Detection of Cholesterol. **2017**, 2, 3816-3827 9
- 1638 Dual-Stimuli-Responsive Fluorescent Supramolecular Polymer Based on a Diselenium-Bridged Pillar[5]arene Dimer and an AIE-Active Tetraphenylethylene Guest. **2017**, 50, 5759-5766 61

- 1637 Multifunctional porous Tröger's base polymers with tetraphenylethene units: CO₂ adsorption, luminescence and sensing properties. **2017**, 8, 4842-4848 27
- 1636 Design and synthesis of theranostic antibiotic nanodrugs that display enhanced antibacterial activity and luminescence. **2017**, 114, 8464-8469 65
- 1635 Development of Gold-Based Phototheranostic Nanoagents through a Bioinspired Route and Their Applications in Photodynamic Therapy. **2017**, 5, 7950-7960 46
- 1634 Aggregation-induced emission probes for cancer theranostics. **2017**, 22, 1288-1294 42
- 1633 Robust Red Organic Nanoparticles for In Vivo Fluorescence Imaging of Cancer Cell Progression in Xenografted Zebrafish. **2017**, 27, 1701418 48
- 1632 A Highly Efficient and Photostable Photosensitizer with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Anticancer Therapy. *Advanced Materials*, **2017**, 29, 1700548 24 280
- 1631 Aggregation-Induced Emission Characteristics of o-Carborane-Functionalized Tetraphenylethylene Luminogens: The Influence of Carborane Cages on Photoluminescence. **2017**, 12, 2207-2210 33
- 1630 Aggregation induced emission of gold(i) complexes in water or water mixtures. **2017**, 46, 11125-11139 47
- 1629 Interface-engineered charge separation at selective electron tunneling heterointerfaces. **2017**, 1, 2125-2131 5
- 1628 Effect of molecular conformation on the mechanofluorochromic properties based on DDIF. **2017**, 4, 075101
- 1627 Direct synthesis of polyaromatic chains of tribenzopentaphene copolymers through cyclodehydrogenation of their poly-tetraphenylbenzene precursors. **2017**, 55, 3565-3572 2
- 1626 Interfacial Clustering-Triggered Fluorescence-Phosphorescence Dual Solvoluminescence of Metal Nanoclusters. **2017**, 8, 3980-3985 57
- 1625 A benzothiazole-based fluorescent probe for Hg²⁺ recognition utilizing ESIPT coupled AIE characteristics. **2017**, 58, 3654-3657 45
- 1624 Recent advances in AIEgen-based luminescent metal-organic frameworks and covalent organic frameworks. **2017**, 1, 2474-2486 111
- 1623 Aggregation-Induced-Emission Materials with Different Electric Charges as an Artificial Tongue: Design, Construction, and Assembly with Various Pathogenic Bacteria for Effective Bacterial Imaging and Discrimination. **2017**, 9, 28331-28338 50
- 1622 A highly luminescent entangled metal-organic framework based on pyridine-substituted tetraphenylethene for efficient pesticide detection. **2017**, 53, 9975-9978 121
- 1621 Aggregation-induced emission in precursors to porous molecular crystals. **2017**, 53, 10022-10025 14
- 1620 Crystallization-induced emission enhancement: A novel fluorescent Au-Ag bimetallic nanocluster with precise atomic structure. **2017**, 3, e1700956 119

1619	Experimental and DFT studies of disubstituted 2-(2-hydroxyphenyl)benzothiazole-based fluorophores synthesized by Suzuki coupling. 2017 , 41, 9796-9805	19
1618	Uptake, Distribution, and Bioimaging Applications of Aggregation-Induced Emission Saponin Nanoparticles in <i>Arabidopsis thaliana</i> . 2017 , 9, 28298-28304	10
1617	Novel tetraphenylethylene diol amphiphile with aggregation-induced emission: self-assembly, cell imaging and tagging property. 2017 , 81, 580-587	4
1616	Amphiphile-Mediated Ultrasmall Aggregation Induced Emission Dots for Ultrasensitive Fluorescence Biosensing. 2017 , 89, 9100-9107	67
1615	Intramolecular charge transfer induced emission from triphenylamine-o-carborane dyads. 2017 , 7, 35543-35548	8
1614	Ultrabright Fluorescent Silica Nanoparticles Embedded with Conjugated Oligomers and Their Application in Latent Fingerprint Detection. 2017 , 9, 44134-44145	48
1613	How Inter- and Intramolecular Processes Dictate Aggregation-Induced Emission in Crystals Undergoing Excited-State Proton Transfer. 2017 , 8, 6148-6153	46
1612	Haloarene-Linked Unsymmetrically Substituted Triarylethenes: Small AIEgens To Detect Nitroaromatics and Volatile Organic Compounds. 2017 , 82, 13359-13367	19
1611	Excited-State Aromatic Interactions in the Aggregation-Induced Emission of Molecular Rotors. 2017 , 139, 17882-17889	90
1610	To form AIE product with the target analyte: A new strategy for excellent fluorescent probes, and convenient detection of hydrazine in seconds with test strips. 2017 , 60, 1596-1601	31
1609	AIE-active fluorescent polymers: The design, synthesis and the cell imaging application. 2017 , 133, 151-159	11
1608	An AIE-active phosphorescent Ir(III) complex with piezochromic luminescence (PCL) and its application for monitoring volatile organic compounds (VOCs). 2017 , 5, 12189-12193	39
1607	Reversible mechanofluorochromism and acidochromism using a cyanostyrylbenzimidazole derivative with aggregation-induced emission. 2017 , 7, 48777-48784	16
1606	Photoluminescence by Intercalation of a Fluorescent β -Diketone Dye into a Layered Silicate. 2017 , 33, 13515-13521	12
1605	Cyclic Triimidazole Derivatives: Intriguing Examples of Multiple Emissions and Ultralong Phosphorescence at Room Temperature. 2017 , 129, 16520-16525	18
1604	Cyclic Triimidazole Derivatives: Intriguing Examples of Multiple Emissions and Ultralong Phosphorescence at Room Temperature. 2017 , 56, 16302-16307	99
1603	Silica nanoparticles based on an AIE-active molecule for ratiometric detection of RNS in vitro. 2017 , 5, 9197-9203	19
1602	Selective visualization of endogenous hydrogen sulfide in lysosomes using aggregation induced emission dots. 2017 , 8, 7271-7278	22

1601	Modeling the Modulation of Emission Behavior in E/Z Isomers of Dipyrrolyldiphenylethene: From Molecules to Nanoaggregates. 2017 , 121, 25603-25616	10
1600	Triphenylethylenyl-based donor-acceptor-donor molecules: studies on structural and optical properties and AIE properties for cyanide detection. 2017 , 5, 12194-12203	42
1599	Development of benzylidene-methyloxazolone based AIEgens and decipherment of their working mechanism. 2017 , 5, 7191-7199	26
1598	A direct crossed polymerization of triphenylamines and cyclohexanones via CC bond formation: the method and its bioimaging application. 2017 , 41, 7908-7914	2
1597	Highly Emissive Organic Single-Molecule White Emitters by Engineering o-Carborane-Based Luminophores. 2017 , 56, 11370-11374	136
1596	Dual emission and multi-stimuli-response in iridium(III) complexes with aggregation-induced enhanced emission: applications for quantitative CO ₂ detection. 2017 , 5, 7784-7798	27
1595	The K-Region in Pyrenes as a Key Position to Activate Aggregation-Induced Emission: Effects of Introducing Highly Twisted N,N-Dimethylamines. 2017 , 82, 6865-6873	34
1594	Aromatic Thioethers as Novel Luminophores with Aggregation-Induced Fluorescence and Phosphorescence. 2017 , 23, 13660-13668	41
1593	Naphthalene based AIE active stimuli-responsive material as rewritable media for temporary communication. 2017 , 72, 442-446	5
1592	Photoprocesses in chemical education. Key experiments for core concepts. 2017 , 28, 120-126	1
1591	An erasable photo-patterning material based on a specially designed 4-(1,2,2-triphenylvinyl)aniline salicylaldehyde hydrazone aggregation-induced emission (AIE) molecule. 2017 , 5, 65-72	74
1590	Selective Host-Guest Co-crystallization of Pyridine-Functionalized Tetraphenylethylenes with Phthalic Acids and Multicolor Emission of the Co-crystals. 2017 , 23, 644-651	30
1589	Aggregation-induced emission active 3,6-bis(1,2,2-triphenylvinyl)carbazole and bis(4-(1,2,2-triphenylvinyl)phenyl)amine-based poly(acrylates) for explosive detection. 2017 , 55, 672-681	18
1588	AIEgens for dark through-bond energy transfer: design, synthesis, theoretical study and application in ratiometric Hg sensing. 2017 , 8, 2047-2055	145
1587	Linkage modes on phthaloyl/triphenylamine hybrid compounds: Multi-functional AIE luminogens, non-doped emitters and organic hosts for highly efficient solution-processed delayed fluorescence OLEDs. 2017 , 137, 480-489	45
1586	Cellular membrane-anchored fluorescent probe with aggregation-induced emission characteristics for selective detection of Cu ions. 2017 , 196, 377-393	8
1585	A novel fluorometric turn-on assay for lipase activity based on an aggregation-induced emission (AIE) luminogen. 2017 , 238, 765-771	31
1584	Deciphering the binding behaviours of BSA using ionic AIE-active fluorescent probes. 2017 , 196, 285-303	26

1583	Aggregation induced enhanced and exclusively highly Stokes shifted emission from an excited state intramolecular proton transfer exhibiting molecule. 2017 , 196, 71-90	22
1582	Blue pyrene-based AIEgens: inhibited intermolecular π -stacking through the introduction of substituents with controllable intramolecular conjugation, and high external quantum efficiencies up to 3.46% in non-doped OLEDs. 2017 , 1, 91-99	117
1581	Effect of alkoxy side chain length on the solid-state fluorescence behaviour of bisazomethine dyes possessing dipropylamino terminal group. 2017 , 136, 131-139	8
1580	Aggregation-enhanced emission active tetraphenylbenzene-cored efficient blue light emitter. 2017 , 196, 245-253	22
1579	Organic solid fluorophores regulated by subtle structure modification: color-tunable and aggregation-induced emission. 2017 , 8, 577-582	132
1578	Quantitative urinalysis using aggregation-induced emission bioprobes for monitoring chronic kidney disease. 2017 , 196, 351-362	12
1577	Triphenylamine-based donor-acceptor organic phosphors: synthesis, characterization and theoretical study. 2017 , 1, 512-520	27
1576	Suppression of Kasha's rule as a mechanism for fluorescent molecular rotors and aggregation-induced emission. 2017 , 9, 83-87	225
1575	Structure-activity relationship for the solid state emission of a new family of "push-pull" extended chromophores. 2017 , 196, 143-161	19
1574	Circularly polarized luminescence and controllable helical self-assembly of an aggregation-induced emission luminogen. 2017 , 138, 129-134	18
1573	Luminescent Gold(III) Thiolates: Supramolecular Interactions Trigger and Control Switchable Photoemissions from Bimolecular Excited States. 2017 , 23, 105-113	37
1572	Aggregation-induced delayed fluorescence from phenothiazine-containing donor-acceptor molecules for high-efficiency non-doped organic light-emitting diodes. 2017 , 49, 197-202	52
1571	Proton induced green emission from AIEE active 2,2'-biquinoline hydrosol and its selective fluorescence turn-on sensing property towards Zn ²⁺ ion in water. 2017 , 238, 1266-1276	12
1570	Oligopeptides for Cancer and Other Biomedical Sensing Applications. 2017 , 279-304	
1569	Hydrodynamic fluorescence emission behavior of molecular rotor-based vinyl polymers used as viscosity sensors. 2017 , 132, 79-87	3
1568	Fluorescent Polystyrene Films for the Detection of Volatile Organic Compounds Using the Twisted Intramolecular Charge Transfer Mechanism. 2017 , 22,	29
1567	Tetraphenylpyrimidine-Based AIEgens: Facile Preparation, Theoretical Investigation and Practical Application. 2017 , 22,	7
1566	Crystal Crosslinked Gels with Aggregation-Induced Emissive Crosslinker Exhibiting Swelling Degree-Dependent Photoluminescence. 2017 , 9,	18

1565	Influence of Odd and Even Alkyl Chains on Supramolecular Nanoarchitecture via Self-Assembly of Tetraphenylethylene-Based AIEgens. 2017 , 7, 1119	5
1564	Host-Guest Supramolecular Systems Containing AIE-Active Building Blocks. 2017 , 89-105	1
1563	Applications of Fluorogens with Rotor Structures in Solar Cells. 2017 , 22,	12
1562	Aggregation-Induced Emission Gemini Surfactant-Assisted Fabrication of Shape-Controlled Fluorescent Hollow Mesoporous Silica Nanoparticles. 2018 , 2018, 1891-1901	9
1561	Anomalous Effect of Intramolecular Charge Transfer on the Light Emitting Properties of BODIPY. 2018 , 10, 14956-14965	32
1560	Polymeric nanorods with aggregation-induced emission characteristics for enhanced cancer targeting and imaging. 2018 , 10, 5869-5874	27
1559	Design, Synthesis, and Crystallization-Induced Emission of Boron Difluorides E Ketoiminates. 2018 , 83, 117-127	8
1558	Dual emissive bodipy-benzodithiophene-bodipy TICT triad with a remarkable Stokes shift of 194 nm. 2018 , 16, 2033-2038	21
1557	Rhodium-Catalyzed Cascade Synthesis of Benzofuranylmethylidene-Benzoxasiloles: Elucidating Reaction Mechanism and Efficient Solid-State Fluorescence. 2018 , 24, 7161-7171	15
1556	Design of Conjugated Molecules Presenting Short-Wavelength Luminescence by Utilizing Heavier Atoms of the Same Element Group. 2018 , 13, 1342-1347	13
1555	Fluorescence Enhancement Behavior of Hemicyanine Derivatives on the Clay Nanosheets: Aggregation Induced Emission (AIE) vs. Surface-fixation Induced Emission (S-FIE). 2018 , 47, 636-639	8
1554	Highly fluorescent liquid-crystal based on biomolecule and dye self-assembly and their luminescence behavior in solvents for the detection of Fe ³⁺ . 2018 , 546, 276-284	7
1553	One-Pot Synthetic Approach toward Porphyrinatozinc and Heavy-Atom Involved Zr-NMOF and Its Application in Photodynamic Therapy. 2018 , 57, 3169-3176	25
1552	Peptide-based nanoprobe for molecular imaging and disease diagnostics. 2018 , 47, 3490-3529	80
1551	Synthetic Regulation of 1,4-Dihydropyridines for the AIE or AIEE Effect: From Rational Design to Mechanistic Views. 2018 , 24, 4871-4878	15
1550	Ratiometric Near-Infrared Fluorescent Probes Based On Through-Bond Energy Transfer and Conjugation Modulation between Tetraphenylethene and Hemicyanine Moieties for Sensitive Detection of pH Changes in Live Cells. 2018 , 29, 1406-1418	49
1549	Triphenylacrylonitrile decorated N-phenylcarbazole: Isomeric effect on photophysical properties. 2018 , 154, 113-120	5
1548	Aggregation induced emission-excited state intramolecular proton transfer based off-on fluorescent sensor for Al ³⁺ ions in liquid and solid state. 2018 , 263, 585-593	36

1547	Diboron compound-based organic light-emitting diodes with high efficiency and reduced efficiency roll-off. 2018 , 12, 235-240	466
1546	Chiroptical property of TPE triangular macrocycle crown ethers from propeller-like chirality induced by chiral acids. 2018 , 6, 3427-3434	20
1545	AIE-Active Polyamide Containing Diphenylamine-TPE Moiety with Superior Electrofluorochromic Performance. 2018 , 10, 16105-16112	60
1544	Enhanced explosive sensing based on bis(methyltetraphenyl)silole nanoaggregate. 2018 , 72, 234-237	5
1543	A New Family of Photoluminescent Polymers with Dual Chromophores. 2018 , 39, e1800035	13
1542	Supramolecular Self-assembled Nanomaterials for Fluorescence Bioimaging. 2018 , 1-29	1
1541	Bottom-up Synthesis and Self-Assembly of Copper Clusters into Permanent Excimer Supramolecular Nanostructures. 2018 , 130, 7169-7173	2
1540	Benzothiazole-Based AIEgen with Tunable Excited-State Intramolecular Proton Transfer and Restricted Intramolecular Rotation Processes for Highly Sensitive Physiological pH Sensing. 2018 , 3, 920-928	103
1539	Regulating the emission of tetraphenylethenes by changing the alkoxy linkage length between two neighboring phenyl moieties. 2018 , 54, 6987-6990	4
1538	An AIEE fluorescent supramolecular cross-linked polymer network based on pillar[5]arene host-guest recognition: construction and application in explosive detection. 2018 , 54, 4866-4869	87
1537	Bottom-up Synthesis and Self-Assembly of Copper Clusters into Permanent Excimer Supramolecular Nanostructures. 2018 , 57, 7051-7055	11
1536	Multifunctional Metallo-Organic Vesicles Displaying Aggregation-Induced Emission: Two-Photon Cell-Imaging, Drug Delivery, and Specific Detection of Zinc Ion. 2018 , 1, 1819-1827	22
1535	Transient and Persistent Room-Temperature Mechanoluminescence from a White-Light-Emitting AIEgen with Tricolor Emission Switching Triggered by Light. 2018 , 130, 6559-6563	70
1534	Aldehyde group driven aggregation-induced enhanced emission in naphthalimides and its application for ultradetection of hydrazine on multiple platforms. 2018 , 9, 3978-3985	83
1533	AIE-based superwetttable microchips for evaporation and aggregation induced fluorescence enhancement biosensing. 2018 , 111, 124-130	49
1532	Unconventional Three-Armed Luminogens Exhibiting Both Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence Resulting in High-Performing Solution-Processed Organic Light-Emitting Diodes. 2018 , 10, 14966-14977	41
1531	A strategy for the molecular design of aggregation-induced emission units further modified by substituents. 2018 , 2, 1175-1183	38
1530	The design of rigid cyclic tripyrrins: the importance of intermolecular interactions on aggregation and luminescence. 2018 , 5, 1877-1885	6

1529	In Situ Monitoring of RAFT Polymerization by Tetraphenylethylene-Containing Agents with Aggregation-Induced Emission Characteristics. 2018 , 57, 6274-6278	105
1528	Synthesis and photophysical investigations of C ₃ -triazine based star-like conjugated molecules. 2018 , 359, 164-171	3
1527	Organic nanoparticles with ultrahigh quantum yield and aggregation-induced emission characteristics for cellular imaging and real-time two-photon lung vasculature imaging. 2018 , 6, 2630-2636	16
1526	A new luminescent metal-organic framework based on dicarboxyl-substituted tetraphenylethene for efficient detection of nitro-containing explosives and antibiotics in aqueous media. 2018 , 6, 2983-2988	93
1525	pH-Responsive aggregation-induced emission of Au nanoclusters and crystallization of the Au(I) thiolate shell. 2018 , 2, 923-928	28
1524	Aggregation induced emission based turn-off fluorescent chemosensor for selective and swift sensing of mercury (II) ions in water. 2018 , 263, 347-359	64
1523	Observation of a new type of aggregation-induced emission in nanoclusters. 2018 , 9, 3062-3068	83
1522	Utilizing formation of dye aggregates with aggregation-induced emission characteristics for enhancement of two-photon absorption. 2018 , 6, 4384-4388	9
1521	Tetraphenylethene-based highly emissive fluorescent molecules with aggregation-induced emission (AIE) and various mechanofluorochromic characteristics. 2018 , 59, 836-840	21
1520	A novel amphiphilic pH-responsive AIEgen for highly sensitive detection of protamine and heparin. 2018 , 261, 233-240	19
1519	Photo-controlled fluorescence on/off switching of a pseudo[3]rotaxane between an AIE-active pillar[5]arene host and a photochromic bithienylethene guest. 2018 , 54, 2405-2408	56
1518	Aggregation-Induced Emission or Hydrolysis by Water? The Case of Schiff Bases in Aqueous Organic Solvents. 2018 , 122, 3655-3661	24
1517	Time dependent aggregation induced emission enhancement and the study of molecular packing in closely related azo-phenol BODIPY species. 2018 , 47, 3785-3795	9
1516	A novel pyridinium modified tetraphenylethene: AIE-activity, mechanochromism, DNA detection and mitochondrial imaging. 2018 , 6, 1279-1285	27
1515	An Intracellular H ₂ O ₂ -Responsive AIEgen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. 2018 , 57, 3123-3127	152
1514	Ultrabright red AIEgens for two-photon vascular imaging with high resolution and deep penetration. 2018 , 9, 2705-2710	74
1513	An Intracellular H ₂ O ₂ -Responsive AIEgen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. 2018 , 130, 3177-3181	18
1512	Rational Design of Perylene-3,4,9,10-tetracarboxylic diimide-Substituted Triphenylethylene to Electron Transporting Aggregation-Induced Emission Luminogens (AIEgens) with High Mobility and Near-Infrared Emission. 2018 , 28, 1705609	63

1511	Establishing the Critical Role of Oriented Aggregation in Molecular Solid State Fluorescence Enhancement. 2018 , 24, 1784-1788	15
1510	Tetraphenylethylene Foldamers with Double Hairpin-Turn Linkers, TNT-Binding Mode and Detection of Highly Diluted TNT Vapor. 2018 , 24, 2004-2012	11
1509	A turn-on near-infrared fluorescence probe with aggregation-induced emission based on dibenzo[a,c]phenazine for detection of superoxide anions and its application in cell imaging. 2018 , 143, 1242-1249	32
1508	A circularly polarized luminescent organogel based on a Pt(II) complex possessing phenylisoxazoles. 2018 , 2, 468-474	39
1507	Tailoring the morphology of AIEgen fluorescent nanoparticles for optimal cellular uptake and imaging efficacy. 2018 , 9, 2620-2627	25
1506	Diversified Photo/Electronic Functions Based on a Simple Chalcone Skeleton: Effects of Substitution Pattern and Molecular Packing. 2018 , 28, 1706506	16
1505	Seeking Brightness from Nature: J-Aggregation-Induced Emission in Cellulolytic Enzyme Lignin Nanoparticles. 2018 , 6, 3169-3175	53
1504	Self-assembly of emissive supramolecular rosettes with increasing complexity using multitopic terpyridine ligands. 2018 , 9, 567	105
1503	Solvent-Dependent Self-Assembly and Aggregation-Induced Emission in Zn(II) Complexes Containing Phenothiazine-Based Terpyridine Ligand and Its Efficacy in Pyrophosphate Sensing. 2018 , 122, 5178-5187	16
1502	Multi-stimuli-responsive fluorescence of AEE polyurethane films. 2018 , 101, 225-232	11
1501	Tuning of the perylene probe excimer emission with silver nanoparticles. 2018 , 1016, 40-48	9
1500	pH-Responsive Fluorescence Change Based on Dynamic Exchange between Emitting Aggregates and Quenching Monomers in Donor-Acceptor Dyes Bearing Carboxylic Acid Groups. 2018 , 2018, 1165-1173	0
1499	The fluorescence quenching and aggregation induced emission behaviour of silver nanoclusters labelled on poly(acrylic acid-co-maleic acid). 2018 , 42, 3459-3464	11
1498	Multi-Stimuli-Responsive Fluorescence Switching from a Pyridine-Functionalized Tetraphenylethylene AIEgen. 2018 , 10, 5819-5827	116
1497	Kinetics of Polymer Desorption from Colloids Probed by Aggregation-Induced Emission Fluorophore. 2018 , 34, 7006-7010	2
1496	Monomer stoichiometry imbalance-promoted formation of multisubstituted polynaphthalenes by palladium-catalyzed polycouplings of aryl iodides and internal diynes. 2018 , 9, 885-893	12
1495	Proton triggered emission and selective sensing of 2,4,6-trinitrophenol using a fluorescent hydrosol of 2-phenylquinoline. 2018 , 42, 1879-1891	9
1494	Synthesis, aggregation-induced emission and thermally activated delayed fluorescence properties of two new compounds based on phenylethene, carbazole and 9,9',10,10'-tetraoxidethianthrene. 2018 , 74, 497-505	12

1493	Phase transition triggered aggregation-induced emission in a photoluminescent uranyl-organic framework. 2018 , 54, 627-630	31
1492	Caspase-1 Specific Light-Up Probe with Aggregation-Induced Emission Characteristics for Inhibitor Screening of Coumarin-Originated Natural Products. 2018 , 10, 12173-12180	22
1491	Tailoring the Fluorescence of AIE-Active Metal-Organic Frameworks for Aqueous Sensing of Metal Ions. 2018 , 10, 3801-3809	54
1490	Novel Quercetin Aggregation-Induced Emission Luminogen (AIEgen) with Excited-State Intramolecular Proton Transfer for In Vivo Bioimaging. 2018 , 28, 1706196	70
1489	Synthesis of novel AIEE active pyridopyrazines and their applications as chromogenic and fluorogenic probes for Hg ²⁺ detection in aqueous media. 2018 , 42, 2838-2849	17
1488	Silole-Based Materials in Optoelectronics and Sensing. 2018 , 163-195	6
1487	Multiple Stimuli Responses of Stereo-Isomers of AIE-Active Ethynylene-Bridged and Pyridyl-Modified Tetraphenylethene. 2018 , 122, 2165-2176	20
1486	Luminescent solar concentrators based on PMMA films obtained from a red-emitting ATRP initiator. 2018 , 9, 1168-1177	33
1485	Cyclometalated Platinum Complexes with Aggregation-Induced Phosphorescence Emission Behavior and Highly Efficient Electroluminescent Ability. 2018 , 30, 929-946	41
1484	Porous Interdigitation Molecular Cage from Tetraphenylethylene Trimeric Macrocycles That Showed Highly Selective Adsorption of CO and TNT Vapor in Air. 2018 , 20, 321-324	14
1483	Aggregation-Induced Emission Enhancement from Disilane-Bridged Donor-Acceptor-Donor Luminogens Based on the Triarylamine Functionality. 2018 , 10, 12164-12172	33
1482	pH-Responsive Nanovesicles with Enhanced Emission Co-Assembled by Ag(I) Nanoclusters and Polyethyleneimine as a Superior Sensor for Al. 2018 , 10, 3955-3963	71
1481	Metal-Organic Framework-Based Selective Sensing of Biothiols via Chemodosimetric Approach in Water. 2018 , 3, 254-258	31
1480	Conformation-controlled emission of AIE luminogen: a tetraphenylethene embedded pillar[5]arene skeleton. 2018 , 54, 837-840	23
1479	A cyanine-based fluorescent cassette with aggregation-induced emission for sensitive detection of pH changes in live cells. 2018 , 54, 1133-1136	49
1478	Evidence for Aggregation-Induced Emission from Free Rotation Restriction of Double Bond at Excited State. 2018 , 20, 373-376	79
1477	Spontaneously Self-Assembled Naphthalimide Nanosheets: Aggregation-Induced Emission and Unveiling a-PET for Sensitive Detection of Organic Volatile Contaminants in Water. 2018 , 57, 8488-8492	53
1476	Cation-Anion interaction-directed formation of functional vesicles and their biological application for nucleus-specific imaging. 2018 , 42, 9187-9192	4

1475	Spontaneously Self-Assembled Naphthalimide Nanosheets: Aggregation-Induced Emission and Unveiling a-PET for Sensitive Detection of Organic Volatile Contaminants in Water. 2018 , 130, 8624-8628	10
1474	Strategies to Overcome the Limitations of AIEgens in Biomedical Applications. 2018 , 2, 1700392	26
1473	A smartphone-based point-of-care quantitative urinalysis device for chronic kidney disease patients. 2018 , 115, 59-69	16
1472	In Situ Monitoring of RAFT Polymerization by Tetraphenylethylene-Containing Agents with Aggregation-Induced Emission Characteristics. 2018 , 130, 6382-6386	20
1471	Fluorescent Organic Nanoparticles Constructed by a Facile Self-Isolation Enhanced Emission Strategy for Cell Imaging. 2018 , 1, 2324-2331	15
1470	A series of 4,5,9,10-tetrahydropyrene-based tetraarylethenes: synthesis, structures and solid-state emission behavior.. 2018 , 8, 15173-15180	5
1469	Roles of thiolate ligands in the synthesis, properties and catalytic application of gold nanoclusters. 2018 , 368, 60-79	153
1468	Dual-Responsive Metabolic Precursor and Light-Up AIEgen for Cancer Cell Bio-orthogonal Labeling and Precise Ablation. 2018 , 90, 6718-6724	26
1467	Synthesis and photophysical investigation of 2-hydroxyquinoline-3-carbaldehyde: AIEE phenomenon, fluoride optical sensing and BSA interaction study. 2018 , 359, 53-63	5
1466	Transient and Persistent Room-Temperature Mechanoluminescence from a White-Light-Emitting AIEgen with Tricolor Emission Switching Triggered by Light. 2018 , 57, 6449-6453	153
1465	Biomimetic photonic structures with tunable structural colours: From natural to biomimetic to applications. 2018 , 15, 1-33	11
1464	Impact of molecular orientation on fluorescence emission enhancement in aggregates. 2018 , 2, 632-634	6
1463	The photochromism, light harvesting and self-assembly activity of a multi-function Schiff-base compound based on the AIE effect. 2018 , 6, 4057-4064	47
1462	A new organic compound of 2-(2,2-diphenylethenyl)anthracene (DPEA) showing simultaneous electrical charge transport property and AIE optical characteristics. 2018 , 6, 3856-3860	22
1461	Yellow-emitting carbon-dots-impregnated carboxy methyl cellulose/poly-vinyl-alcohol and chitosan: stable, freestanding, enhanced-quenching Cu ²⁺ -ions sensor. 2018 , 6, 4508-4515	31
1460	In situ visualizable self-assembly, aggregation-induced emission and circularly polarized luminescence of tetraphenylethene and alanine-based chiral polytriazole. 2018 , 6, 4807-4816	63
1459	Tuning the solid-state emission of small push-pull dipolar dyes to the far-red through variation of the electron-acceptor group. 2018 , 156, 116-132	47
1458	Monosulfonicpillar[5]arene: Synthesis, Characterization, and Complexation with Tetraphenylethene for Aggregation-Induced Emission. 2018 , 8, 4035	21

1457	Hydrogelation Kinetics Measured in a Microfluidic Device with in Situ X-ray and Fluorescence Detection. 2018 , 34, 5535-5544	14
1456	Tuning the emission of a water-soluble 3-hydroxyflavone derivative by host-guest complexation. 2018 , 14, 4231-4237	4
1455	Cross-linked AIE supramolecular polymer gels with multiple stimuli-responsive behaviours constructed by hierarchical self-assembly. 2018 , 9, 2021-2030	81
1454	Rapid Turn-on Detection of atrazine using highly luminescent N-doped carbon quantum dot. 2018 , 263, 459-468	53
1453	A unimolecular theranostic system with HO-specific response and AIE-activity for doxorubicin releasing and real-time tracking in living cells.. 2018 , 8, 10975-10979	17
1452	Luminescent Organometallic Nanomaterials with Aggregation-Induced Emission. 2018 , 48, 330-336	7
1451	Isomeric organic semiconductors containing fused-thiophene cores: molecular packing and charge transport. 2018 , 20, 13171-13177	7
1450	Synthesis, aggregation-induced emission and mechanochromism of a new carborane-tetraphenylethylene hybrid. 2018 , 865, 200-205	11
1449	The effects of layered nanoparticles and their properties on the molecular aggregation of organic dyes. 2018 , 35, 108-133	28
1448	Exploiting aggregation induced emission and twisted intramolecular charge transfer in a BODIPY dye for selective sensing of fluoride in aqueous medium and living cells. 2018 , 358, 274-283	17
1447	Journey of Aggregation-Induced Emission Research. 2018 , 3, 3267-3277	169
1446	Tetraphenylpyrazine-based luminogens with full-colour emission. 2018 , 2, 1310-1316	39
1445	Rational design of a water-soluble NIR AIEgen, and its application in ultrafast wash-free cellular imaging and photodynamic cancer cell ablation. 2018 , 9, 3685-3693	227
1444	Efficient Solution- and Solid-State Fluorescence for a Series of 7-Diethylaminocoumarin Amide Compounds. 2018 , 7, 197-202	9
1443	Dual modal ultra-bright nanodots with aggregation-induced emission and gadolinium-chelation for vascular integrity and leakage detection. 2018 , 152, 77-85	27
1442	Efficient near-infrared emission based on donor-acceptor molecular architecture: The role of ancillary acceptor of cyanophenyl. 2018 , 149, 430-436	25
1441	Wavelength tunable tetraphenylethene fluorophore dyads: Synthesis, aggregation-induced emission and Cl ₂ gas detection. 2018 , 149, 543-552	12
1440	Tuning the photophysical properties of heteroleptic Ir(III) complexes through ancillary ligand substitution: Experimental and theoretical investigation. 2018 , 350, 130-141	4

1439	Multiple-color AIE coumarin-based Schiff bases and potential application in yellow OLEDs. 2018 , 194, 151-155	45
1438	Aggregation-induced emission, multiple chromisms and self-organization of N-substituted-1,8-naphthalimides. 2018 , 148, 147-153	19
1437	Synthesis, structure, photoluminescence and photochromism of phosphindole oxide and benzo[b]thiophene S,S-dioxide derivatives. 2018 , 355, 274-282	5
1436	AIE based fluorescent self assembled glycoacrylamides for E.coli detection and cell imaging. 2018 , 255, 1726-1734	15
1435	Synthesis of fluorescent dendrimers with aggregation-induced emission features through a one-pot multi-component reaction and their utilization for biological imaging. 2018 , 509, 327-333	9
1434	Aggregation-Induced Singlet Oxygen Generation: Functional Fluorophore and Anthrylphenylene Dyad Self-Assemblies. 2018 , 24, 636-645	21
1433	Ultrafast microwave-assisted multicomponent tandem polymerization for rapid fabrication of AIE-active fluorescent polymeric nanoparticles and their potential utilization for biological imaging. 2018 , 83, 115-120	19
1432	Functional 1,8-Naphthalimide AIE/AIEEgens: Recent Advances and Prospects. 2018 , 10, 12081-12111	151
1431	Fluorescence visualization of crystal formation and transformation processes of organic luminogens with crystallization-induced emission characteristics. 2018 , 2, 180-188	43
1430	Self-Assembled π -Cyanostilbenes for Advanced Functional Materials. <i>Advanced Materials</i> , 2018 , 30, 1704161	113
1429	Tunable white-light emission by supramolecular self-sorting in highly swollen hydrogels. 2018 , 54, 200-203	59
1428	'AIE + ESIPT' assisted photorelease: fluorescent organic nanoparticles for dual anticancer drug delivery with real-time monitoring ability. 2017 , 54, 168-171	40
1427	Enantioselective recognition of carboxylic acids by novel fluorescent triazine-based thiazoles. 2018 , 30, 275-283	5
1426	Fluorescence emission and image patterning from selective photocyclic aromatization of cisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. 2018 , 149, 444-448	1
1425	N-Donor/Fluorenyl o-Carborane Fluorophores with Strong Crystallization-Induced Emission. 2018 , 2, 369-379	7
1424	Electronic effect on the optical properties and sensing ability of AIEgens with ESIPT process based on salicylaldehyde azine. 2018 , 61, 76-87	36
1423	Excellent n-type light emitters based on AIE-active silole derivatives for efficient simplified organic light-emitting diodes. 2018 , 6, 3690-3698	47
1422	Aggregation-responsive ON/OFF fluorescence-switching behaviour of twisted tetrakis(benzo[b]furyl)ethene made by hafnium-mediated McMurry coupling. 2018 , 2, 296-299	7

1421	Malonitrile-Functionalized Tetraphenylpyrazine: Aggregation-Induced Emission, Ratiometric Detection of Hydrogen Sulfide, and Mechanochromism. 2018 , 28, 1704689	100
1420	Aggregation-Induced Emission Probe for Specific Turn-On Quantification of Soluble Transferrin Receptor: An Important Disease Marker for Iron Deficiency Anemia and Kidney Diseases. 2018 , 90, 1154-1160	33
1419	Efficient enhancement of fluorescence emission via TPE functionalized cationic pillar[5]arene-based host-guest recognition-mediated supramolecular self-assembly. 2018 , 59, 147-150	17
1418	A single-state fluorescent with bright white-light emission in the solid state and aggregation-induced emission enhancement compound for Pd detection. 2018 , 179, 177-185	8
1417	Large Changes in Fluorescent Color and Intensity of Symmetrically Substituted Arylmaleimides Caused by Subtle Structure Modifications. 2018 , 24, 322-326	21
1416	Syntheses, structures, luminescent properties and antibacterial activities of seven polymers based on an asymmetric triazole dicarboxylate ligand. 2018 , 139, 296-307	25
1415	Progress and Trends in AIE-Based Bioprobes: A Brief Overview. 2018 , 10, 12217-12261	234
1414	One-step rapid synthesis of π -conjugated large oligomers via C-H activation coupling. 2018 , 5, 653-661	22
1413	Stimuli-responsive solid-state emission from o-carborane-tetraphenylethene dyads induced by twisted intramolecular charge transfer in the crystalline state. 2018 , 6, 19-28	85
1412	The visible light responsive properties of organogel based on anthracene-substituted acylhydrazone derivative. 2018 , 29, 497-500	5
1411	Solid State and Aggregation Induced Emissive Chromophores by Multi-component Syntheses. 2018 , 58, 889-900	21
1410	Supramolecular Antibacterial Materials for Combatting Antibiotic Resistance. <i>Advanced Materials</i> , 2019 , 31, e1805092	24 158
1409	Organic Mitoprobes based on Fluorogens with Aggregation-Induced Emission. 2018 , 58, 860-873	9
1408	Design of smart targeted and responsive drug delivery systems with enhanced antibacterial properties. 2018 , 10, 20946-20962	56
1407	A pH responsive fluorescent probe based on dye modified i-motif nucleic acids. 2018 , 16, 9402-9408	4
1406	Highly efficient non-doped OLEDs using aggregation-induced delayed fluorescence materials based on 10-phenyl-10H-phenothiazine 5,5-dioxide derivatives. 2018 , 6, 11436-11443	46
1405	A four-state fluorescent molecular switch. 2018 , 54, 12041-12044	1
1404	Inducing the distinctly different fluorescence properties of a tetraphenylethene (TPE) derivative modified lanthanide nanowire upon the addition of a pair of cis- and trans-isomers of fatty acids. 2018 , 47, 16902-16908	2

1403	Recognition of trace organic pollutant and toxic metal ions a tailored fluorescent metal-organic coordination polymer in water environment.. 2018 , 8, 34712-34717	5
1402	Selective and sensitive fluorescent probes for metal ions based on AIE dots in aqueous media. 2018 , 6, 11261-11265	22
1401	Smartly designed AIE triazoliums as unique targeting fluorescence tags for sulfonic biomacromolecule recognition via "electrostatic locking" 2018 , 6, 12529-12536	8
1400	A simple strategy to achieve remarkable mechanochromism of cationic Ir(III) phosphors through subtle ligand modification. 2018 , 6, 11686-11693	21
1399	Self-agglomerated crystalline needles harnessing ESIPT and AIEE features for the "turn-on" fluorescence detection of Al ³⁺ ions. 2018 , 42, 18550-18558	14
1398	Wavelength dependent nonlinear optical response of tetraphenylethene aggregation-induced emission luminogens. 2018 , 2, 2263-2271	27
1397	In situ monitoring of molecular aggregation using circular dichroism. 2018 , 9, 4961	49
1396	Solid-State Emission Enhancement via Molecular Engineering of Benzofuran Derivatives. 2018 , 3, 18542-18552	11
1395	Polyphosphazenes and Cyclotriphosphazenes with Propeller-like Tetraphenylethyleneoxy Side Groups: Tuning Mechanical and Optoelectronic Properties. 2018 , 51, 9974-9981	6
1394	Triphenylethylene- and Tetraphenylethylene-Functionalized 1,3-Bis(pyrrol-2-yl)squaraine Dyes: Synthesis, Aggregation-Caused Quenching to Aggregation-Induced Emission, and Thiol Detection. 2018 , 3, 16424-16435	15
1393	Controllable synthesis and AIE properties of fluorescent polyesters. 2018 , 109, 297-302	6
1392	AIEgen based drug delivery systems for cancer therapy. 2018 , 290, 129-137	22
1391	Construction of Functional Hyperbranched Poly(phenyltriazolylcarboxylate)s by Metal-Free Phenylpropiolate-Azide Polycycloaddition. 2018 , 39, e1800604	13
1390	Simple One-Pot Preparation of a Rapid Response AIE Fluorescent Metal-Organic Framework. 2018 , 10, 36259-36266	38
1389	NBN-Doped Conjugated Polycyclic Aromatic Hydrocarbons as an AIEgen Class for Extremely Sensitive Detection of Explosives. 2018 , 130, 15736-15742	11
1388	Microcapsule-Containing Self-Reporting Polymers. 2018 , 14, e1802489	30
1387	Preparation and Aggregation-Induced Emission of New 1,3,5-Triazine-2,4,6-tricarboxamide with Liquid Crystal Properties. 2018 , 34, 1741-1748	1
1386	Progress on photochromic diarylethenes with aggregation induced emission. 2018 , 11, 317-332	14

- 1385 H- and J-aggregates formed from a nontraditional gelator depending on the solvent polarity for the detection of amine vapors. **2018**, 16, 7438-7445 7
- 1384 Solid-State TICT-Emissive Cruciform: Aggregation-Enhanced Emission, Deep-Red to Near-Infrared Piezochromism and Imaging In Vivo. **2018**, 6, 1800956 32
- 1383 NBN-Doped Conjugated Polycyclic Aromatic Hydrocarbons as an AIEgen Class for Extremely Sensitive Detection of Explosives. **2018**, 57, 15510-15516 41
- 1382 Metal-free phenylpropiolate-azide polycycloaddition: efficient synthesis of functional poly(phenyltriazolylcarboxylate)s. **2018**, 9, 5215-5223 13
- 1381 Tunable-emission and AIPE-active heteroleptic Ir(III) complexes for fingerprint detection via a spraying technique. **2018**, 6, 10910-10915 8
- 1380 A Zinc(II) Benzamidinate N-Oxide Complex as an Aggregation-Induced Emission Material: toward Solution-Processable White Organic Light-Emitting Devices. **2018**, 2018, 4322-4330 7
- 1379 Multistimuli-Responsive Enaminitrile Molecular Switches Displaying H-Induced Aggregate Emission, Metal Ion-Induced Turn-On Fluorescence, and Organogelation Properties. **2018**, 140, 13640-13643 30
- 1378 Rotations in Excited ICT States [Fluorescence and its Microenvironmental Sensitivity. **2018**, 58, 813-826 37
- 1377 Aggregation-induced emission enhancement (AIEE)-active mechanofluorochromic tetraphenylethene derivative bearing a rhodamine unit. **2018**, 59, 4416-4419 12
- 1376 Water-Assisted Emission Enhancement of 2-Hydroxynaphthaldoxime and Related Compounds. **2018**, 3, 11406-11413 6
- 1375 Cyclometalated Ir(III) Complexes Involving Functionalized Terpyridine-Based Ligands Exhibiting Aggregation-Induced Emission and Their Potential Applications in CO₂ Detection. **2018**, 37, 3827-3838 10
- 1374 1,2,5-Triphenylpyrrole Derivatives with Dual Intense Photoluminescence in Both Solution and the Solid State: Solvatochromism and Polymorphic Luminescence Properties. **2019**, 25, 573-581 20
- 1373 A Turn-on Fluorescence Sensor for Dicarboxylic Acids Based on Aggregation-induced Emission. **2018**, 47, 1395-1398 7
- 1372 Red/NIR-Emissive Benzo[d]imidazole-Cored AIEgens: Facile Molecular Design for Wavelength Extending and In Vivo Tumor Metabolic Imaging. *Advanced Materials*, **2018**, 30, e1805220 24 78
- 1371 Synthesis and Characterization of Liquid-Crystalline Tetraoxapentacene Derivatives Exhibiting Aggregation-Induced Emission. **2019**, 25, 1018-1028 6
- 1370 Aggregation-Induced Emission: A Trailblazing Journey to the Field of Biomedicine.. **2018**, 1, 1768-1786 140
- 1369 Aggregation-Induced Emission in Phenothiazine-PE and -PAN Polymers. **2018**, 51, 8501-8512 28
- 1368 Lighting Up AIEgen Emission in Solution by Grafting onto Colloidal Nanocrystal Surfaces. **2018**, 9, 6334-6338 5

1367	Aggregation-Induced Emission and White Luminescence from a Combination of π -Conjugated Donor-Acceptor Organic Luminogens. 2018 , 3, 13757-13771	28
1366	Theranostics based on AIEgens. 2018 , 8, 4925-4956	99
1365	Enhancement of fluorescence efficiency from molecules to materials and the critical role of molecular assembly. 2018 , 6, 9314-9329	34
1364	D-A-D Structured Bis-acylhydrazone Exhibiting Aggregation-Induced Emission, Mechanochromic Luminescence, and Al(III) Detection. 2018 , 83, 10770-10775	33
1363	A Facile Synthetic Route to Multifunctional Poly(3-hexylthiophene)-b-poly(phenyl isocyanide) Copolymers: From Aggregation-Induced Emission to Controlled Helicity. 2018 , 51, 7546-7555	16
1362	Rhodium(iii)-catalysed decarbonylative annulation through C-H activation: expedient access to aminoisocoumarins by weak coordination. 2018 , 54, 11889-11892	12
1361	Reduced Graphene Oxide Chemically Modified with Aggregation-Induced Emission Polymer for Solid-State Optical Limiter. 2018 , 24, 19317-19322	6
1360	Novel easily available purine-based AIEgens with colour tunability and applications in lipid droplet imaging. 2018 , 9, 8969-8974	54
1359	Discrimination of dicarboxylic acids via assembly-induced emission. 2018 , 54, 11578-11581	13
1358	A simple D π A hybrid mode for highly efficient non-doped true blue OLEDs with CIEy 2018, 6, 11063-11070	16
1357	Energy Materials Design for Steering Charge Kinetics. <i>Advanced Materials</i> , 2018 , 30, e1801988	24 5
1356	Intermolecular interactions in molecular crystals and their effect on thermally activated delayed fluorescence of helicene-based emitters. 2018 , 6, 10557-10568	12
1355	Cerium(iii)-directed assembly of glutathione-capped gold nanoclusters for sensing and imaging of alkaline phosphatase-mediated hydrolysis of adenosine triphosphate. 2018 , 10, 17691-17698	41
1354	Rational Design for Multicolor Flavone-Based Fluorophores with Aggregation-Induced Emission Enhancement Characteristics and Applications in Mitochondria-Imaging. 2018 , 23,	2
1353	Dynamic Visualization of Stress/Strain Distribution and Fatigue Crack Propagation by an Organic Mechanoresponsive AIE Luminogen. <i>Advanced Materials</i> , 2018 , 30, e1803924	24 69
1352	Manipulating and visualizing the dynamic aggregation-induced emission within a confined quartz nanopore. 2018 , 9, 3657	42
1351	Dual Stimuli-Responsive Cross-Linked AIE Supramolecular Polymer Constructed through Hierarchical Self-Assembly. 2018 , 58, 1265-1272	7
1350	Crystallization-Induced Emission Enhancement of a Deep-Blue Luminescence Material with Tunable Mechano- and Thermochromism. 2018 , 14, e1802524	35

1349	Construction of Thermo-Responsive Elastin-Like Polypeptides (ELPs)-Aggregation-Induced-Emission (AIE) Conjugates for Temperature Sensing. 2018 , 23,	16
1348	Macrocycles and cages based on tetraphenylethylene with aggregation-induced emission effect. 2018 , 47, 7452-7476	236
1347	Photophysical properties of a D-EA Schiff base and its applications in the detection of metal ions. 2018 , 47, 13730-13738	9
1346	A near-infrared emission fluorescent probe with multi-rotatable moieties for highly sensitive detection of mitochondrial viscosity in an inflammatory cell model. 2018 , 6, 6212-6216	35
1345	Synthesis, spectral and electrochemical properties of selected boron ketiminates with aminocoumarin fragment. 2018 , 149, 1795-1811	2
1344	Functional Poly(dihalopentadiene)s: Stereoselective Synthesis, Aggregation-Enhanced Emission and Sensitive Detection of Explosives. 2018 , 10,	7
1343	A Bifunctional Aggregation-Induced Emission Luminogen for Monitoring and Killing of Multidrug-Resistant Bacteria. 2018 , 28, 1804632	71
1342	Design of a Pyrene Scaffold Multifunctional Material: Real-Time Turn-On Chemosensor for Nitric Oxide, AIEE Behavior, and Detection of TNP Explosive. 2018 , 3, 10306-10316	21
1341	Synthesis and thermoresponsive properties of aromatic compounds connected with gallic acid bearing amphiphilic groups using an ethylene diamine spacer . 2018 , 29, 17-23	1
1340	Aggregation-Induced Emission of Multiphenyl-Substituted 1,3-Butadiene Derivatives: Synthesis, Properties and Application. 2018 , 24, 15965-15977	22
1339	Synthesis and biological imaging of fluorescent polymeric nanoparticles with AIE feature via the combination of RAFT polymerization and post-polymerization modification. 2018 , 158, 79-87	23
1338	In Situ Water-Compatible Polymer Entrapment: A Strategy for Transferring Superhydrophobic Microporous Organic Polymers to Water. 2018 , 7, 651-655	19
1337	Separately enhanced dual emissions of the amphiphilic derivative of 2-(2'-hydroxyphenyl) benzothiazole by supramolecular complexation. 2018 , 14, 4374-4379	0
1336	No aggregation-induced-emission but quenching of phosphorescence for an iridium complex with a 2,2-diphenylvinyl motif: a joint experimental and theoretical study. 2018 , 47, 8023-8031	5
1335	Sensing and intracellular imaging of Zn ²⁺ based on affinity peptide using an aggregation induced emission fluorescence "switch-on" probe. 2018 , 271, 289-299	37
1334	ONOO ⁻ and ClO ⁻ Responsive Organic Nanoparticles for Specific in Vivo Image-Guided Photodynamic Bacterial Ablation. 2018 , 30, 3867-3873	55
1333	Recent progress in the mechanofluorochromism of distyrylanthracene derivatives with aggregation-induced emission. 2018 , 2, 1595-1608	97
1332	Aggregation-Induced Long-Lived Phosphorescence in Nonconjugated Polyurethane Derivatives at 77 K. 2018 , 51, 4178-4184	28

1331	Deep-Red AIE-Active Fluorophore for Hypochlorite Detection and Bioimaging in Live Cells. 2018 , 57, 7735-7741		28
1330	Off/On Fluorescent Nanoparticles for Tunable High-Temperature Threshold Sensing. 2018 , 28, 1801492		23
1329	Organic Solvent and Surfactant Free Fluorescent Organic Nanoparticles by Laser Ablation of Aggregation-Induced Enhanced Emission Dyes. 2018 , 6, 1800164		12
1328	Photoswitchable AIE nanoprobe for lysosomal hydrogen sulfide detection and reversible dual-color imaging. 2018 , 272, 340-347		51
1327	Exciplex-Enhanced Singlet Emission Efficiency of Nondoped Organic Light Emitting Diodes Based on Derivatives of Tetrafluorophenylcarbazole and Tri/Tetraphenylethylene Exhibiting Aggregation-Induced Emission Enhancement. 2018 , 122, 14827-14837		25
1326	Fluorescent Metallacage-Core Supramolecular Polymer Gel Formed by Orthogonal Metal Coordination and Host-Guest Interactions. 2018 , 140, 7674-7680		182
1325	Graphene oxide functionalized O-(carboxymethyl)-chitosan membranes: Fabrication using dialysis and applications in water purification. 2018 , 554, 27-33		18
1324	Corannulene-Incorporated AIE Nanodots with Highly Suppressed Nonradiative Decay for Boosted Cancer Photothranostics In Vivo. <i>Advanced Materials</i> , 2018 , 30, e1801065	24	120
1323	Ratiometric Detection of Cu ²⁺ Using a Luminol-Tb-GMP Nanoprobe with High Sensitivity and Selectivity. 2018 , 6, 9333-9341		37
1322	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. 2018 , 90, 9060-9067		58
1321	Exploration of biocompatible AIEgens from natural resources. 2018 , 9, 6497-6502		103
1320	Synthesis, aggregation-induced emission and electroluminescence of new luminogens based on thieno[3,2-b]thiophene S,S-dioxide. 2018 , 159, 275-282		9
1319	Dramatic Enhancement of Quantum Cutting in Lanthanide-Doped Nanocrystals Photosensitized with an Aggregation-Induced Enhanced Emission Dye. 2018 , 18, 4922-4926		32
1318	Prediction and understanding of AIE effect by quantum mechanics-aided machine-learning algorithm. 2018 , 54, 7955-7958		15
1317	Specific Two-Photon Imaging of Live Cellular and Deep-Tissue Lipid Droplets by Lipophilic AIEgens at Ultralow Concentration. 2018 , 30, 4778-4787		88
1316	Water-Soluble Biocompatible Copolymer Hypromellose Grafted Chitosan Able to Load Exogenous Agents and Copper Nanoclusters with Aggregation-Induced Emission. 2018 , 28, 1802848		38
1315	Multi-stimuli-responsive fluorescent switching properties of anthracene-substituted acylhydrazone derivative. 2018 , 273, 552-558		19
1314	Application of a Novel "Turn-on" Fluorescent Material to the Detection of Aluminum Ion in Blood Serum. 2018 , 10, 23667-23673		25

1313	High-performance electrofluorochromic devices based on aromatic polyamides with AIE-active tetraphenylethene and electro-active triphenylamine moieties. 2018 , 9, 4364-4373	42
1312	Highly stable and fast blue color/fluorescence dual-switching polymer realized through the introduction of ether linkage between tetraphenylethylene and triphenylamine units. 2018 , 284, 655-661	17
1311	Aggregation enhanced excimer emission (AEEE) of benzo[ghi]perylene and coronene: multimode probes for facile monitoring and direct visualization of micelle transition. 2018 , 143, 4283-4289	13
1310	Photosensitizers with Aggregation-Induced Emission: Materials and Biomedical Applications. <i>Advanced Materials</i> , 2018 , 30, e1801350	24 388
1309	Highly sensitive switching of solid-state luminescence by controlling intersystem crossing. 2018 , 9, 3044	146
1308	A Biomimetic Supramolecular Approach for Charge Transfer between Donor and Acceptor Chromophores with Aggregation-Induced Emission. 2018 , 24, 14668-14678	12
1307	Intracellular near-Infrared Microlaser Probes Based on Organic Microsphere-SiO Core-Shell Structures for Cell Tagging and Tracking. 2018 , 10, 32981-32987	15
1306	Substituent-directed ES IPT-coupled Aggregation-induced Emission in Near-infrared-emitting Quinazoline Derivatives. 2018 , 19, 2672-2682	11
1305	Anion-induced ionic liquid crystals of diphenylviologens. 2018 , 6, 9430-9444	19
1304	Preparation of Cyano-Substituted Tetraphenylethylene Derivatives and Their Applications in Solution-Processable OLEDs. 2018 , 23,	4
1303	Organic Semiconductor Single Crystals for Electronics and Photonics. <i>Advanced Materials</i> , 2018 , 30, e1801048	211
1302	Aggregation-Induced Emission of Eu Complexes Balanced with Bulky and Amphiphilic Imidazolium Cations in Ethanol/Water Binary Mixtures. 2018 , 24, 15912-15920	16
1301	AIEgens based on main group heterocycles. 2018 , 6, 11835-11852	68
1300	Aggregation Induced Phosphorescence in the Main Group. 2018 , 58, 915-926	29
1299	Tetraphenylethylene-BODIPY aggregation-induced emission luminogens for near-infrared polymer light-emitting diodes. 2018 , 61, 932-939	44
1298	Unity Makes Strength: How Aggregation-Induced Emission Luminogens Advance the Biomedical Field. 2018 , 2, 1800074	97
1297	Aggregation-Induced Emission Luminogens: Union Is Strength, Gathering Illuminates Healthcare. 2018 , 7, e1800477	107
1296	Aggregation-induced emission and thermally activated delayed fluorescence of 2,6-diaminobenzophenones. 2018 , 61, 925-931	12

1295	Combining two different strategies to overcome the aggregation caused quenching effect in the design of ratiometric fluorescence chemodosimeters for pH sensing. 2018 , 274, 654-661	14
1294	Tetraphenylethene Cross-Linked Thermosensitive Microgels via Acylhydrazone Bonds: Aggregation-Induced Emission in Nanoconfined Environments and the Cononsolvency Effect. 2018 , 51, 5762-5772	30
1293	Small-Molecule Emitters with High Quantum Efficiency: Mechanisms, Structures, and Applications in OLED Devices. 2018 , 6, 1800512	136
1292	Citrate-Based Fluorescent Biomaterials. 2018 , 7, e1800532	28
1291	Hydrogen-bonded perylene bisimide J-aggregate aqua material. 2018 , 9, 6904-6911	43
1290	Caking-Inspired Cold Sintering of Plastic Supramolecular Films as Multifunctional Platforms. 2018 , 28, 1803370	17
1289	Blue Electrofluorescence Properties of FuranBilole Ladder Pi-Conjugated Systems. 2018 , 8, 812	6
1288	A general powder dusting method for latent fingerprint development based on AIEgens. 2018 , 61, 966-970	24
1287	Dual Emissions and Thermochromic Luminescence Behavior of Chloroplumbate OrganicInorganic Hybrid Crystals. 2018 , 2018, 3748-3756	6
1286	Two-Component Aggregation-Induced Emission Materials: Tunable One/Two-Photon Luminescence and Stimuli-Responsive Switches by Co-Crystal Formation. 2018 , 6, 1800445	35
1285	AIEgen-Based Fluorescent Nanomaterials: Fabrication and Biological Applications. 2018 , 23,	27
1284	Multifunctional bacterial imaging and therapy systems. 2018 , 6, 5198-5214	31
1283	Polysiloxane-based two-photon fluorescent elastomers with superior mechanical and self-healing properties and their application in bioimaging. 2018 , 42, 14281-14289	12
1282	Ratiometric detection of Zn and Cd based on self-assembled nanoarchitectures with dual emissions involving aggregation enhanced emission (AEE) and its application. 2018 , 6, 4995-5002	24
1281	Reaction-based AIE-active Fluorescent Probes for Selective Detection and Imaging. 2018 , 58, 845-859	25
1280	In Situ Measurement of Exciton Dynamics During Thin-Film Formation Using Single-Shot Transient Absorption. 2018 , 122, 6438-6444	8
1279	Aggregation-Induced Emission (AIE) Dots: Emerging Theranostic Nanolights. 2018 , 51, 1404-1414	358
1278	Butterfly Molecules: How Cross-Stacking Determines Bulk Physical Properties. 2018 , 122, 12002-12014	7

1277	Redox-Active AIEgen-Derived Plasmonic and Fluorescent Core@Shell Nanoparticles for Multimodality Bioimaging. 2018 , 140, 6904-6911	86
1276	Dimesitylboryl-functionalised cyanostilbene derivatives of phenothiazine: distinctive polymorphism-dependent emission and mechanofluorochromism. 2018 , 20, 3162-3166	13
1275	Dual emissions and thermochromic luminescences of isomorphous chiral twofold interpenetrated 3-D nets built from IO type hybrid inorganic-organic frameworks of [NH(CH)] ₂ [PbX(BDC)] (X = Br, I). 2018 , 47, 14233-14240	3
1274	AIE-active bis-cyanostilbene-based organogels for quantitative fluorescence sensing of CO ₂ based on molecular recognition principles. 2018 , 6, 9232-9237	28
1273	Determination of non-traditional intrinsic fluorescence (NTIF) emission sites in 1-(4-carbomethoxypyrrolidone)-PAMAM dendrimers using CNDP-based quenching studies. 2018 , 20, 1	11
1272	Tutorial: Organic field-effect transistors: Materials, structure and operation. 2018 , 124, 071101	89
1271	Natural Quercetin AIEgen Composite Film with Antibacterial and Antioxidant Properties for in Situ Sensing of Al Residues in Food, Detecting Food Spoilage, and Extending Food Storage Times.. 2018 , 1, 636-642	22
1270	Julolidine-labelled fluorinated block copolymers for the development of two-layer films with highly sensitive vapochromic response. 2018 , 61, 947-956	9
1269	Special topic on aggregation-induced emission. 2018 , 61, 879-881	7
1268	Precise design and synthesis of an AIE fluorophore with near-infrared emission for cellular bioimaging. 2018 , 93, 399-406	10
1267	Quantum confined peptide assemblies with tunable visible to near-infrared spectral range. 2018 , 9, 3217	76
1266	Insights into the aggregation-induced emission of 1,8-naphthalimide-based supramolecular hydrogels. 2018 , 10, 17060-17069	20
1265	Self-Assembled Fluorescent Organic Nanomaterials for Biomedical Imaging. 2018 , 7, e1800344	21
1264	Manipulating Aggregation-Induced Emission with Supramolecular Macrocycles. 2018 , 6, 1800668	75
1263	1,8-Naphthalimide-based highly emissive luminogen with reversible mechanofluorochromism and good cell imaging characteristics. 2018 , 59, 3600-3604	12
1262	Electrofluorochromic and electrochromic bifunctional polymers with dual-state emission via introducing multiple C-H...O bonds. 2018 , 62, 481-490	18
1261	Piezochromic luminescence of AIE-active molecular co-crystals: tunable multiple hydrogen bonding and molecular packing. 2018 , 6, 9660-9666	34
1260	Color Tuning of Mechanochromic Luminescent β -Diketones via Boron Coordination and Donor-Acceptor Effects. 2018 , 122, 19090-19099	26

- 1259 RETRACTED: A multifunctional V-shape bis-hydrazone: Characterization, supramolecular architectures, AIEE, recognition of cations (Cu²⁺, Zn²⁺) and anions (HPO₄²⁻ and CN⁻), mechanochromism, computational and cell imaging studies. **2018**, 275, 116-126 6
- 1258 Spermine-directed supramolecular self-assembly of water-soluble AIE-active tetraphenylethylene: nanobelt, nanosheet, globular and nanotubular structures. **2018**, 42, 15379-15386 9
- 1257 Fluorescence of Nonaromatic Organic Systems and Room Temperature Phosphorescence of Organic Luminogens: The Intrinsic Principle and Recent Progress. **2018**, 14, e1801560 172
- 1256 Tetraphenylethene-Induced Free Volumes for the Isomerization of Spiropyran toward Multifunctional Materials in the Solid State. **2018**, 10, 30879-30886 35
- 1255 Highly Efficient Photosensitizers with Far-Red/Near-Infrared Aggregation-Induced Emission for In Vitro and In Vivo Cancer Theranostics. *Advanced Materials*, **2018**, 30, e1802105 24 186
- 1254 Conjugated macro-microporous polymer films bearing tetraphenylethylenes for the enhanced sensing of nitrotoluenes. **2018**, 6, 17312-17317 19
- 1253 Highly Stable and Red-Emitting Nanovesicles Incorporating Lipophilic Diketopyrrolopyrroles for Cell Imaging. **2018**, 24, 11386-11392 11
- 1252 Aggregation-induced emission of luminol: a novel strategy for fluorescence ratiometric detection of ALP and As(v) with high sensitivity and selectivity. **2018**, 54, 7487-7490 47
- 1251 Conformation-induced light emission switching of N-acylhydrazone systems. **2018**, 42, 14111-14119 9
- 1250 Solvent Mixing To Induce Molecular Motor Aggregation into Bowl-Shaped Particles: Underlying Mechanism, Particle Nature, and Application To Control Motor Behavior. **2018**, 140, 7860-7868 25
- 1249 Diversity Driven Decoration and Ligation of Fullerene by Ugi and Passerini Multicomponent Reactions. **2018**, 24, 9788-9793 11
- 1248 Selective Cu²⁺ Ion Sensing by Nanoaggregates of Pyridyl-2,6-bis(3-allylsalicylaldehyde)hydrazone. **2018**, 3, 5395-5400 2
- 1247 Intracellular Self-Assembly of Nanoprobes for Molecular Imaging. **2018**, 2, 1800108 22
- 1246 Luminescent Solar Concentrators Based on Aggregation Induced Emission. **2018**, 58, 837-844 27
- 1245 Organometallic Fluorophores of d8 Metals (Pd, Pt, Au). **2018**, 69, 73-134 8
- 1244 Polyacrylic esters with a π -is-enough effect and investigation of their AIEE behaviours and cyanide detection in aqueous solution. **2018**, 9, 3893-3899 11
- 1243 OLEDs based on Ln(III) complexes for near-infrared emission. **2018**, 133-170 0
- 1242 Near-room-temperature phase-change fluorescent molecular rotor and its hybrids. **2018**, 265, 260-268 4

1241	Exploration of Molecular Shape-Dependent Luminescence Behavior: Fluorogenic Organic Nanoparticles Based on Bent Shaped Excited-State Intramolecular Proton-Transfer Dyes. 2018 , 1, 136-145		3
1240	A highly sensitive and fast responsive fluorescent probe for detection of Gold(III) ions based on the AIEgen disaggregation. 2019 , 160, 647-653		15
1239	Effects of molecular flexibility/rigidity on the AIE/AIEE properties of aromatic thiolsubstituted 1,8naphthalimides. 2019 , 160, 483-491		10
1238	Vapochromic polyketone films based on aggregation-induced enhanced emission. 2019 , 30, 1160-1164		
1237	Thiophene-containing tetraphenylethene derivatives with different aggregation-induced emission (AIE) and mechanofluorochromic characteristics.. 2019 , 9, 24338-24343		5
1236	Simple fluorene oxadiazole-based Ir(iii) complexes with AIE properties: synthesis, explosive detection and electroluminescence studies. 2019 , 48, 13305-13314		7
1235	Thiophene Modulated BODIPY Dye as a Light Harvester. 2019 , 679, 127-136		0
1234	Aggregation-Induced Emission Luminogens for Activity-Based Sensing. 2019 , 52, 2559-2570		189
1233	Efficient Aggregation-Induced Emission Manipulated by Polymer Host Materials. <i>Advanced Materials</i> , 2019 , 31, e1903962	24	73
1232	Multifunctional pyrazoline based AIEgens: real-time tracking and specific protein fishing of lipid droplets. 2019 , 10, 9009-9016		25
1231	A Functioning Macroscopic "Rubik's Cube" Assembled via Controllable Dynamic Covalent Interactions. <i>Advanced Materials</i> , 2019 , 31, e1902365	24	49
1230	An AIE molecule featuring changeable triplet emission between phosphorescence and delayed fluorescence by an external force. 2019 , 3, 2151-2156		23
1229	Deciphering the Mechanism of Aggregation-Induced Emission of a Quinazolinone Derivative Displaying Excited-State Intramolecular Proton-Transfer Properties: A QM, QM/MM, and MD Study. 2019 , 15, 5440-5447		12
1228	Spontaneous proton transfer in a series of amphoteric molecules under hydrostatic pressure. 2019 , 21, 17696-17702		5
1227	Aggregation-induced emission of azines: An up-to-date review. 2019 , 292, 111371		23
1226	Fluorescence Turn-On Visualization of Microscopic Processes for Self-Healing Gels by AIEgens and Anticounterfeiting Application. 2019 , 31, 5683-5690		30
1225	Synthesis of fluorescent polycarbonates with highly twisted ,-bis(dialkylamino)anthracene AIE luminogens in the main chain.. 2019 , 9, 21733-21740		5
1224	Self-Assembly and Fluorescence of Tetracationic Liquid Crystalline Tetraphenylethene. 2019 , 20, 2210-2216		8

1223	AIEgen quantitatively monitoring the release of Ca during swelling and degradation process in alginate hydrogels. 2019 , 104, 109951	11
1222	Post-modified metal-organic framework as a turn-on fluorescent probe for potential diagnosis of neurological diseases. 2019 , 288, 109610	18
1221	Synergistic effect between electroactive tetraphenyl-p-phenylenediamine and AIE-active tetraphenylethylene for highly integrated electrochromic/electrofluorochromic performances. 2019 , 7, 9308-9315	20
1220	The transition from locally excited states to twisted intramolecular charge transfer states for fluorescence methylene blue labeled in biodegradable silica particles. 2019 , 291, 111312	3
1219	In vitro anticancer activity of AIEgens. 2019 , 7, 3855-3865	7
1218	Recent Advances in Aggregation-Induced Electrochemiluminescence. 2019 , 25, 12671-12683	43
1217	Antimonene Nanoflakes: Extraordinary Photoacoustic Performance for High-Contrast Imaging of Small Volume Tumors. 2019 , 8, e1900378	14
1216	Solvation-dependent switching of solid-state luminescence of a fluorinated aromatic tetrapyrazole. 2019 , 55, 9387-9390	8
1215	Stiff-stilbene derivatives as new bright fluorophores with aggregation-induced emission. 2019 , 62, 1194-1197	14
1214	A novel strong AIE bi-component hydrogel as a multi-functional supramolecular fluorescent material. 2019 , 171, 107745	12
1213	Triphenylamine or carbazole-based benzothiadiazole luminophors with remarkable solvatochromism and different mechanofluorochromic behaviors. 2019 , 60, 150968	9
1212	Enhanced Solution and Solid-State Emission and Tunable White-Light Emission Harvested by Supramolecular Approaches. 2019 , 25, 11975-11982	21
1211	Rational Fabrication and Biomedical Application of Biomolecule-Conjugated AIEgens through Click Reaction. 2019 , 37, 1072-1082	8
1210	Helical Sulfonyl-Apeptides with Aggregation-Induced Emission and Circularly Polarized Luminescence. 2019 , 141, 12697-12706	63
1209	Vinylpyrroles: solid-state structures and aggregation-induced emission properties.. 2019 , 9, 22817-22822	1
1208	Catalyst shuttling enabled by a thermoresponsive polymeric ligand: facilitating efficient cross-couplings with continuously recyclable ppm levels of palladium. 2019 , 10, 8331-8337	7
1207	A Cationic Tetraphenylethene as a Light-Up Supramolecular Probe for DNA G-Quadruplexes. 2019 , 7, 493	9
1206	Design and synthesis of novel indole derivatives with aggregation-induced emission and antimicrobial activity. 2019 , 383, 111969	21

1205	Facile preparation of luminescent cellulose nanocrystals with aggregation-induced emission feature through Ce(IV) redox polymerization. 2019 , 223, 115102	11
1204	Triphenylquinoline (TPQ)-Based Dual-State Emissive Probe for Cell Imaging in Multicellular Tumor Spheroids.. 2019 , 2, 3686-3692	10
1203	A single 9-mesityl-10-methylacridinium ion as a solvatochromic sensor array for multicolor visual discrimination of solvents. 2019 , 144, 5420-5424	1
1202	Recent Advances in Aggregation-Induced Emission Chemosensors for Anion Sensing. 2019 , 24,	37
1201	Facile synthesis of a photoresponsive AIEgen used for monitoring UV light and photo-patterning. 2019 , 171, 107750	11
1200	Cell-penetrating peptide modified AIE polymeric nanoparticles by miniemulsion polymerization and application for cell fluorescence imaging. 2019 , 10, 4220-4228	20
1199	High-Performance Emission/Color Dual-Switchable Polymer-Bearing Pendant Tetraphenylethylene (TPE) and Triphenylamine (TPA) Moieties. 2019 , 52, 5131-5139	30
1198	THF-induced emission enhancement and reversible stimulus response of a tetraphenylethylene luminogen dependent ESIPT mechanism. 2019 , 171, 107699	6
1197	Non-aromatic annulene-based aggregation-induced emission system via aromaticity reversal process. 2019 , 10, 2952	79
1196	An organic NIR-II nanofluorophore with aggregation-induced emission characteristics for in vivo fluorescence imaging. 2019 , 14, 3571-3582	28
1195	Restriction of Flip-flop Motion as a Mechanism for Aggregation-Induced Emission. 2019 , 10, 6929-6935	48
1194	Label-Free Pathogen Detection Based on Yttrium-Doped Carbon Nanoparticles up to Single-Cell Resolution. 2019 , 11, 42943-42955	15
1193	Marriage of Aggregation-Induced Emission and Intramolecular Charge Transfer toward High Performance Film-Based Sensing of Phenolic Compounds in the Air. 2019 , 91, 14451-14457	19
1192	Structure-properties relationship of tetrafluorostyrene-based monomers and polymers containing different donor moieties. 2019 , 143, 104323	2
1191	Recent advances and perspectives of aggregation-induced emission as an emerging platform for detection and bioimaging. 2019 , 119, 115637	31
1190	Highly Miscible Hybrid Liquid-Crystal Systems Containing Fluorescent Excited-State Intramolecular Proton Transfer Molecules. 2019 , 35, 14031-14041	8
1189	Luminescent Solar Concentrators Based on Energy Transfer from an Aggregation-Induced Emitter Conjugated Polymer. 2019 , 1, 3039-3047	29
1188	Stimuli-responsive aggregation-induced fluorescence in a series of biphenyl-based Knoevenagel products: effects of substituent active methylene groups on π - π interactions. 2019 , 75, 775-783	1

1187	Adsorption Promoted Aggregation-Induced Emission Showing Strong Dye Lateral Interactions. 2019 , 35, 16304-16311	6
1186	Aggregation-Induced Emission of Nitrogen-Bridged Naphthalene Monoimide Dimers. 2019 , 21, 9516-9520	20
1185	Emission solvatochromic, solid-state and aggregation-induced emissive pyrones and emission-tuneable 1-pyridines by Michael addition-cyclocondensation sequences. 2019 , 15, 2684-2703	4
1184	Aggregation-induced emission-based competitive lateral flow immunoassay for rapid detection of sulfamethazine in honey. 2019 , 30, 1303-1317	9
1183	Aggregation-Induced Dual-Phosphorescence from Organic Molecules for Nondoped Light-Emitting Diodes. <i>Advanced Materials</i> , 2019 , 31, e1904273	24 87
1182	AIEgens Barcodes Combined with AIEgens Nanobeads for High-sensitivity Multiplexed Detection. 2019 , 9, 7210-7221	11
1181	An Unprecedented Blueshifted Naphthalimide AIEEgen for Ultrasensitive Detection of 4-Nitroaniline in Water via "Receptor-Free" IFE Mechanism. 2019 , 14, 4725-4731	7
1180	Simple Aggregation-Induced Emission-Based Multifunctional Fluorescent Dots for Cancer Therapy In Vitro. 2019 , 14, 4160-4163	1
1179	The Biological Applications of Two Aggregation-Induced Emission Luminogens. 2019 , 14, e1900212	5
1178	Regioisomeric BODIPY Benzodithiophene Dyads and Triads with Tunable Red Emission as Ratiometric Temperature and Viscosity Sensors. 2019 , 25, 14870-14880	15
1177	Stimuli-responsive fluorescent supramolecular polymer network based on a monofunctionalized leaning tower[6]arene. 2019 , 30, 2299-2303	19
1176	An AIEgen-based luminescent photo-responsive system used as concealed anti-counterfeit material. 2019 , 216, 116750	8
1175	Diastereoselective Formation of Alkenes Through C(sp ²)?H Bond Activation. 2019 , 239-274	2
1174	A Strongly Fluorescent Molecular Material Responsive to Physical/Chemical Stimuli and their Coupled Impact. 2019 , 14, 4754-4759	6
1173	Aggregation-Induced and Polymorphism-Dependent Thermally Activated Delayed Fluorescence (TADF) Characteristics of an Oligothiophene: Applications in Time-Dependent Live Cell Multicolour Imaging. 2019 , 14, 4588-4593	13
1172	Aggregation-Induced Emission for Visualization in Materials Science. 2019 , 14, 715-729	33
1171	A fluorescent light-up probe for specific detection of Al ³⁺ with aggregation-induced emission characteristic and self-assembly behavior. 2019 , 208, 302-306	11
1170	Precise Molecular Engineering of Photosensitizers with Aggregation-Induced Emission over 800 nm for Photodynamic Therapy. 2019 , 29, 1901791	68

- 1169 A general strategy for development of a single benzene fluorophore with full-color-tunable, environmentally insensitive, and two-photon solid-state emission. **2019**, 55, 11462-11465 30
- 1168 Tetrabenzo[5.7]fulvalene: a forgotten aggregation induced-emission luminogen. **2019**, 55, 11591-11594 9
- 1167 1,8-Naphthalimide-Based Highly Emissive Luminophors with Various Mechanofluorochromism and Aggregation-Induced Characteristics. **2019**, 4, 14324-14332 14
- 1166 Fluorescent BF complexes of pyridyl-isoindoline-1-ones: synthesis, characterization and their distinct response to mechanical force. **2019**, 48, 14626-14631 6
- 1165 Self-assembly of emissive metallocycles with tetraphenylethylene, BODIPY and terpyridine in one system. **2019**, 31, 597-605 4
- 1164 Aggregation-induced emission of transition metal compounds: Design, mechanistic insights, and applications. **2019**, 41, 100317 47
- 1163 Rotation Restricted Emission and Antenna Effect in Single Metal-Organic Frameworks. **2019**, 141, 15166-15173 150
- 1162 Converse transitions between the micelles and the vesicles of pyrrolidone-based AIE amphiphilic copolymers in polar and apolar solvents. **2019**, 9, 28102-28111 3
- 1161 Tetraphenylethylene@Graphene Oxide with Switchable Fluorescence Triggered by Mixed Solvents for the Application of Repeated Information Encryption and Decryption. **2019**, 11, 35255-35263 11
- 1160 Thiophene and phenothiazine electrochromic copolymers with dual-state emission via tuning the distance of π -stacking. **2019**, 96, 109346 6
- 1159 Blue-/NIR Light-Excited Fluorescence Switch Based on a Carbazole-Dithienylethene-BF₃ Triad. **2019**, 84, 13364-13373 24
- 1158 Utilization and prospects of electrochemiluminescence for characterization, sensing, imaging and devices. **2019**, 3, 2246-2257 20
- 1157 A light-up near-infrared probe with aggregation-induced emission characteristics for highly sensitive detection of alkaline phosphatase. **2019**, 144, 6262-6269 15
- 1156 Ultrasensitive detection of aqueous Cu²⁺ ions by a coumarin-salicylidene based AIEgen. **2019**, 3, 2437-2447 24
- 1155 Aggregation-induced emission triggered by the radiative-transition-switch of a cyclometallated Pt(II) complex. **2019**, 7, 12552-12559 21
- 1154 Circularly polarized luminescence of single-handed helical tetraphenylethylene-silica nanotubes. **2019**, 55, 12176-12179 23
- 1153 Evaluation of Structure-Function Relationships of Aggregation-Induced Emission Luminogens for Simultaneous Dual Applications of Specific Discrimination and Efficient Photodynamic Killing of Gram-Positive Bacteria. **2019**, 141, 16781-16789 168
- 1152 A multifunctional quinoxalin-based AIEgen used for fluorescent thermo-sensing and image-guided photodynamic therapy. **2019**, 301, 127139 20

1151	Physically Cross-Linked Hydrogel Based on Phenyl-1,3,5-triazine: Soft Scaffold with Aggregation-Induced Emission. 2019 , 8, 1391-1395	15
1150	Barbier Hyperbranching Polymerization-Induced Emission toward Facile Fabrication of White Light-Emitting Diode and Light-Harvesting Film. 2019 , 141, 16839-16848	41
1149	Aggregation-induced emissionBased highly selective Turn-offFluorogenic chemosensor for robust quantification of explosive picric acid in aqueous and solid states. 2019 , 14, 100193	4
1148	Solid-phase fluorescence excitation emission matrix for in-situ monitoring of membrane fouling during microfiltration using a polyvinylidene fluoride hollow fiber membrane. 2019 , 164, 114928	11
1147	Recent advances in organic pressure-responsive luminescent materials. 2019 , 30, 1883-1894	23
1146	AI Egen bioconjugates for specific detection of disease-related protein biomarkers. 2019 , 3, 12-24	42
1145	Real time bioimaging for mitochondria by taking the aggregation process of aggregation-induced emission near-infrared dyes with wash-free staining. 2019 , 3, 57-63	29
1144	Brñsted acid-catalyzed aromatic annulation of alkoxyallenes with naphthols: a reaction sequence to larger Eonjugated naphthopyrans with aggregation-induced emission characters. 2019 , 10, 1070-1074	13
1143	Near-infrared fluorescent probes based on TBET and FRET rhodamine acceptors with different p values for sensitive ratiometric visualization of pH changes in live cells. 2019 , 7, 198-209	41
1142	Robust luminescent small molecules with aggregation-induced delayed fluorescence for efficient solution-processed OLEDs. 2019 , 7, 330-339	35
1141	Plasmon-Enhanced Fluorescent Sensor based on Aggregation-Induced Emission for the Study of Protein Conformational Transformation. 2019 , 29, 1807211	17
1140	Tumor targeting with DGEA peptide ligands: a new aromatic peptide amphiphile for imaging cancers. 2019 , 55, 1060-1063	16
1139	Efficient X-ray scintillating lead(ii)-based MOFs derived from rigid luminescent naphthalene motifs. 2019 , 48, 1722-1731	29
1138	Aggregation-induced emission: fundamental understanding and future developments. 2019 , 6, 428-433	359
1137	Remarkable isomeric effects on the mechanofluorochromism of tetraphenylethylene-based DA derivatives. 2019 , 43, 2231-2237	24
1136	Through-space charge transfer hexaarylbenzene dendrimers with thermally activated delayed fluorescence and aggregation-induced emission for efficient solution-processed OLEDs. 2019 , 10, 2915-2923	85
1135	Highly ordered AI Egen directed silica hybrid mesostructures and their light-emitting behaviours. 2019 , 7, 346-353	4
1134	Bipolar luminescent azaindole derivative exhibiting aggregation-induced emission for non-doped organic light-emitting diodes. 2019 , 7, 1222-1227	5

1133	Novel near-infrared II aggregation-induced emission dots for bioimaging. 2019 , 10, 1219-1226		162
1132	Reversible Specific Vapoluminescence Behavior in Pure Organic Crystals through Hydrogen-Bonding Docking Strategy. 2019 , 7, 1801549		20
1131	Synthesis and Luminescence Properties of Diamine Monomers and Polyamides with Highly Twisted N,N-Bis(dialkylamino)arene AIE Luminogens. 2019 , 8, 404-410		8
1130	Di-styrylanthracenes as established AIEgens: Can Di-anthracylethenes be AIE-active?. 2019 , 209, 188-196		5
1129	Aggregation-induced emission (AIE)-active highly emissive novel carbazole-based dyes with various solid-state fluorescence and reversible mechanofluorochromism characteristics. 2019 , 164, 390-397		31
1128	Bioinspired Stable and Photoluminescent Assemblies for Power Generation. <i>Advanced Materials</i> , 2019 , 31, e1807481	24	41
1127	Saponin-Based Near-Infrared Nanoparticles with Aggregation-Induced Emission Behavior: Enhancing Cell Compatibility and Permeability.. 2019 , 2, 943-951		12
1126	Migratory Shift in Oxidative Cyclodehydrogenation Reaction of Tetraphenylethylenes Containing Electron-Rich THDTAP Moiety. 2019 , 14, 1860-1869		6
1125	Efficient Non-doped Blue Fluorescent Organic Light-Emitting Diodes Based on Anthracene-Triphenylethylene Derivatives. 2019 , 14, 1004-1012		15
1124	Recent Progress in Fluorescent Vesicles with Aggregation-induced Emission. 2019 , 37, 352-371		11
1123	AIE active fluorescent organic nanoaggregates for selective detection of phenolic-nitroaromatic explosives and cell imaging. 2019 , 374, 194-205		25
1122	Understanding stimuli-responsive oligomer shell of silver nanoclusters with aggregation-induced emission via chemical etching and their use as sensors. 2019 , 286, 198-205		13
1121	Aggregated-fluorescent detection of PFAS with a simple chip. 2019 , 11, 163-170		12
1120	Dicyanovinyl substituted push-pull chromophores: effects of central C[double bond, length as m-dash]C/phenyl spacers, crystal structures and application in hydrazine sensing. 2019 , 21, 3218-3226		9
1119	Luminescent cyclic trinuclear coinage metal complexes with aggregation-induced emission (AIE) performance. 2019 , 48, 2275-2279		12
1118	An o-phthalimide-based multistimuli-responsive aggregation-induced emission (AIE) system. 2019 , 3, 50-56		45
1117	Systematic oligoaniline-based derivatives: ACQ/AIE conversion with a tunable insertion effect and quantitative fluorescence turn-on detection of BSA. 2019 , 3, 331-338		26
1116	A novel strategy for realizing dual state fluorescence and low-temperature phosphorescence. 2019 , 3, 284-291		24

1115	An enzyme-activatable probe liberating AIEgens: on-site sensing and long-term tracking of β -galactosidase in ovarian cancer cells. 2019 , 10, 398-405	98
1114	A water-soluble two-dimensional supramolecular organic framework with aggregation-induced emission for DNA affinity and live-cell imaging. 2019 , 7, 1435-1441	24
1113	Construction of salicylaldehyde analogues as turn-on fluorescence probes and their electronic effect on sensitive and selective detection of As(V) in groundwater. 2019 , 11, 955-964	5
1112	Rhodamine-naphthalimide demonstrated a distinct aggregation-induced emission mechanism: elimination of dark-states via dimer interactions (EDDI). 2019 , 55, 1446-1449	24
1111	Aggregation-caused quenching versus crystallization induced emission in thiazolo[5,4-b]thieno[3,2-e]pyridine (TTP) derivatives: theoretical insights. 2018 , 21, 46-56	29
1110	Naphthalimide/benzimide-based excited-state intramolecular proton transfer active luminogens: aggregation-induced enhanced emission and potential for chemical modification. 2019 , 43, 9152-9161	3
1109	Coumarin based yellow emissive AIEE active probe: A colorimetric sensor for Cu and fluorescent sensor for picric acid. 2019 , 223, 117201	21
1108	Triphenylamine and N-phenyl carbazole-based coumarin derivatives: Synthesis, solvatochromism, acidochromism, linear and nonlinear optical properties. 2019 , 382, 111937	26
1107	Synthesis, crystal structure, photoluminescence, and electroluminescence properties of a new compound containing diphenylmethylen, carbazole, and malononitrile units. 2019 , 34, 3000-3010	0
1106	AIE Supramolecular Assembly with FRET Effect for Visualizing Drug Delivery. 2019 , 11, 23840-23847	48
1105	Functional group engineering in naphthalimides: a conceptual insight to fine-tune the supramolecular self-assembly and condensed state luminescence. 2019 , 11, 13233-13242	23
1104	Chirality-activated mechanoluminescence from aggregation-induced emission enantiomers with high contrast mechanochromism and force-induced delayed fluorescence. 2019 , 3, 1800-1806	48
1103	Aggregation-induced emission: right there shining. 2019 , 62, 1227-1235	21
1102	Linkage induced enhancement of fluorescence in metal-carbene bond directed metallacycles and metallacages. 2019 , 55, 8309-8312	15
1101	A multifunctional triphenylamine schiff-base compound with novel self-assembly morphology transitions. 2019 , 170, 107649	12
1100	Design, synthesis, crystal structures, and photophysical properties of tetraphenylethene-based quinoline derivatives. 2019 , 171, 107657	5
1099	Rejuvenated Photodynamic Therapy for Bacterial Infections. 2019 , 8, e1900608	125
1098	UiO-68-PT MOF-Based Sensor and Its Mixed Matrix Membrane for Detection of HClO in Water. 2019 , 58, 9890-9896	18

- 1097 A novel family of AIE-active meso-2-ketopyrrolyl BODIPYs: bright solid-state red fluorescence, morphological properties and application as viscosimeters in live cells. **2019**, 3, 1823-1832 23
- 1096 In situ encapsulation of pyridine-substituted tetraphenylethene cations in metal-organic framework for the detection of antibiotics in aqueous medium. **2019**, 7, 8383-8388 39
- 1095 Organic Light-emitting Diodes Based on Solution-Processable Organic Materials. **2019**, 413-482 4
- 1094 Aggregation-induced emission (AIE)-active polymers for explosive detection. **2019**, 10, 3822-3840 82
- 1093 Mutualistic benefit in the self-sorted co-aggregates of peri-naphthoindigo and a 4-amino-1,8-naphthalimide derivative. **2019**, 15, 5282-5286 1
- 1092 Structure, Assembly, and Function of (Latent)-Chiral AIEgens. **2019**, 1, 192-202 51
- 1091 Fluorophore core-engineered supramolecular discotic columnar liquid crystals with tunable fluorescent behavior. **2019**, 3, 1671-1677 9
- 1090 Intra-cluster growth meets inter-cluster assembly: The molecular and supramolecular chemistry of atomically precise nanoclusters. **2019**, 394, 1-38 75
- 1089 An unusual AIE fluorescent sensor for sequentially detecting Co²⁺-Hg²⁺-Cu²⁺ based on diphenylacrylonitrile Schiff-base derivative. **2019**, 170, 107590 30
- 1088 Domino Palladium-Catalyzed Double Norbornene Insertion/Annulation Reaction: Expedient Synthesis of Overcrowded Tetrasubstituted Olefins. **2019**, 21, 4350-4354 8
- 1087 Designing Polymorphic Bi-Containing Ionic Liquids for Stimuli-Responsive Luminescent Materials. **2019**, 58, 8079-8085 19
- 1086 Effect of water of crystallization on aggregation-induced emission in structurally similar crystals. **2019**, 60, 1663-1666 2
- 1085 AIE-active platinum(II) complexes with tunable photophysical properties and their application in constructing thermosensitive probes used for intracellular temperature imaging. **2019**, 7, 7893-7899 22
- 1084 A fluorescent responsive tetraphenylethene based metal-organic framework. **2019**, 105, 20-25 8
- 1083 Suite of Organoplatinum(II) Triangular Metallaprism: Aggregation-Induced Emission and Coordination Sequence Induced Emission Tuning. **2019**, 141, 9448-9452 21
- 1082 AIE-based theranostic systems for detection and killing of pathogens. **2019**, 9, 3223-3248 80
- 1081 A multi-responsive AIE-active tetraphenylethylene-functioned salicylaldehyde-based schiff base for reversible mechanofluorochromism and Zn²⁺ and CO₃²⁻ detection. **2019**, 73, 55-61 25
- 1080 A turn-on fluorescent chemosensor based on aggregation-induced emission for cyanide detection and its bioimaging applications. **2019**, 296, 126645 35

1079	A Solution-Processable meso-Phenyl-BODIPY-Based n-Channel Semiconductor with Enhanced Fluorescence Emission. 2019 , 84, 1423-1431	10
1078	"Turn-On" Activatable AIE Dots for Tumor Hypoxia Imaging. 2019 , 25, 9634-9638	26
1077	High contrast mechanofluorochromic behavior of new tetraphenylethene-based Schiff base derivatives. 2019 , 170, 107619	16
1076	Regulation of aggregation-induced emission behaviours and mechanofluorochromism of tetraphenylethene through different oxidation states of sulphur moieties. 2019 , 7, 8244-8249	17
1075	Exciton aggregation induced photoluminescence enhancement of monolayer WS ₂ . 2019 , 114, 232101	8
1074	Aggregation-Induced Emission of Triphenyl-Substituted Tristyrylbenzenes. 2019 , 25, 11218-11222	5
1073	Dual sites fluorescence probe for H ₂ S and Hg ²⁺ with AIE transformers function. 2019 , 296, 126670	15
1072	Cancer-Cell-Activated Photodynamic Therapy Assisted by Cu(II)-Based Metal-Organic Framework. 2019 , 13, 6879-6890	110
1071	Donor-Acceptor type aggregation-induced emission luminophores based on the 1,1-dicyanomethylene-3-indanone unit for bridge-dependent reversible mechanochromism and light-up biosensing of hypochlorites. 2019 , 7, 8888-8897	24
1070	Bicolor switching mechanism of multifunctional light-emitting molecular material in solid phase. 2019 , 71, 212-219	10
1069	New Organometallic Tetraphenylethylene-Iridium(III) Complexes with Antineoplastic Activity. 2019 , 20, 2767-2776	8
1068	Stimuli responsive and reversible crystalline-amorphous transformation in a molecular solid: fluorescence switching and enhanced phosphorescence in the amorphous state. 2019 , 7, 7083-7089	21
1067	Highly efficient aggregation-induced emission and stimuli-responsive fluorochromism triggered by carborane-induced charge transfer state. 2019 , 106, 1-5	10
1066	Theranostic designs of biomaterials for precision medicine in cancer therapy. 2019 , 213, 119207	49
1065	Selective and Sensitive Fluorescence Probe for Detection of Al ³⁺ in Food Samples Based on Aggregation-Induced Emission and Its Application for Live Cell Imaging. 2019 , 12, 1736-1746	6
1064	Enlightening Freeze-Thaw Process of Physically Cross-Linked Poly(vinyl alcohol) Hydrogels by Aggregation-Induced Emission Fluorogens. 2019 , 1, 1390-1398	21
1063	In Silico Investigation of the Aggregation-Caused Quenching: the Molane-Based Molecule Case. 2019 , 3, 794-803	4
1062	Preferential Orientation of Crystals and its Influence on the Emission Wavelength of Acrylonitrile Derivatives Treated with Polar Solvents. 2019 , 54, 1800156	2

1061	Aligned Tubular Conjugated Microporous Polymer Films for the Aggregation-Induced Emission-Based Sensing of Explosives. 2019 , 220, 1900157	10
1060	Cobalt Metallogel Interface for Selectively Sensing L-Tryptophan among Essential Amino Acids. 2019 , 58, 7324-7334	20
1059	Feasible structure-modification strategy for inhibiting aggregation-caused quenching effect and constructing exciton conversion channels in acridone-based emitters. 2019 , 21, 9837-9844	12
1058	Structure and luminescence properties of supramolecular polymers of amphiphilic aromatic thioether-peptide conjugates in water. 2019 , 10, 3163-3169	8
1057	Self-Assembly of Metal Nanoclusters for Aggregation-Induced Emission. 2019 , 20,	21
1056	Specific Targeting, Imaging, and Ablation of Tumor-Associated Macrophages by Theranostic Mannose-AIEgen Conjugates. 2019 , 91, 6836-6843	25
1055	Methyl-restricted rotor rotation on the stator produces high-efficiency fluorescence emission: a new strategy to achieve aggregation-induced emission.. 2019 , 9, 12078-12084	2
1054	Functional Pyrimidinyl Pyrazolate Pt(II) Complexes: Role of Nitrogen Atom in Tuning the Solid-State Stacking and Photophysics. 2019 , 29, 1900923	38
1053	Tuning alkynyl-extended 9,10-dihydroanthracene-based systems into aggregation-induced emission (AIE) luminophores. 2019 , 43, 8325-8331	1
1052	Ionic liquid crystals with aggregation-induced emission properties based on pyrrolo[3,2-b]pyrrole salt compounds. 2019 , 3, 1385-1390	7
1051	Direct evidence of solvent polarity governing the intramolecular charge and energy transfer: ultrafast relaxation dynamics of push-pull fluorene derivatives. 2019 , 21, 11087-11102	5
1050	Light-Activatable Prodrug and AIEgen Copolymer Nanoparticle for Dual-Drug Monitoring and Combination Therapy. 2019 , 11, 18691-18700	33
1049	Advances in the strategies for designing receptor-targeted molecular imaging probes for cancer research. 2019 , 305, 1-17	22
1048	A quinacridone derivative with intensive emission in both solution and the solid state via a facile preparation for cell imaging applications. 2019 , 7, 3192-3196	1
1047	Ultrabright fluorescent microsphere and its novel application for improving the sensitivity of immunochromatographic assay. 2019 , 135, 173-180	32
1046	Recent Advances in the Z/E Isomers of Tetraphenylethene Derivatives: Stereoselective Synthesis, AIE Mechanism, Photophysical Properties, and Application as Chemical Probes. 2019 , 14, 2524-2541	38
1045	Stable and optoelectronic dipeptide assemblies for power harvesting. 2019 , 30, 10-16	35
1044	Biocompatible Photoluminescent Silk Fibers with Stability and Durability. 2019 , 5, 2657-2668	2

1043	Access to Multifunctional AEEgens via Ru(II)-Catalyzed Quinoxaline-Directed Oxidative Annulation. 2019 , 4, 5565-5577	17
1042	Naphthyridine-based emitters simultaneously exhibiting thermally activated delayed fluorescence and aggregation-induced emission for highly efficient non-doped fluorescent OLEDs. 2019 , 7, 6607-6615	22
1041	Pure E/Z isomers of N-methylpyrrole-benzohydrazide-based BF ₂ complexes: remarkable aggregation-, crystallization-induced emission switching properties and application in sensing intracellular pH microenvironment. 2019 , 7, 4533-4542	13
1040	Highly Polarized Benzo[k]fluoranthene Imide Derivatives: Large Solvatochromism, Dual Fluorescence and Aggregation Induced Emission Associated with Excited-State Intramolecular Charge Transfer. 2019 , 84, 722-729	7
1039	Unprecedented Intramolecular Association-Induced Fluorescence in Tryptophan-Conjugated Peptidomimetics. 2019 , 123, 3112-3117	0
1038	Cooling-Induced NIR Emission Enhancement and Targeting Fluorescence Imaging of Biperylene Monoimide and Glycodendrimer Conjugates. 2019 , 8, 381-386	6
1037	Modulation of piezochromic fluorescence behavior by subtle structural change. 2019 , 166, 301-306	2
1036	Pyrene-based aggregation-induced emission luminogens and their applications. 2019 , 3, 762-781	124
1035	Investigation of photophysical properties of triphenylamine phenylethenyl derivatives containing tertiary amine groups. 2019 , 166, 122-129	4
1034	Design and synthesis of novel V-shaped AIEE active quinoxalines for acidochromic applications. 2019 , 165, 474-487	20
1033	Real-Time Monitoring of Hierarchical Self-Assembly and Induction of Circularly Polarized Luminescence from Achiral Luminogens. 2019 , 13, 3618-3628	108
1032	An Anthracene Excimer Fluorescence Probe on Mesoporous Silica for Dual Functions of Detection and Adsorption of Mercury (II) and Copper (II) with Biological In Vivo Applications. 2019 , 15, e1804749	33
1031	Aggregation-induced emission and polymorphism/shape/size-dependent emission behaviours of fenamates for potential drug evaluation. 2019 , 17, 3409-3415	2
1030	Tailoring the photoluminescence of atomically precise nanoclusters. 2019 , 48, 2422-2457	404
1029	A novel simple red emitter characterized with AIE plus intramolecular charge transfer effects and its application for thiol-containing amino acids detection. 2019 , 165, 499-507	25
1028	Aggregation-induced emission and reversible mechanofluorochromic characteristics of tetra-substituted tetrahydropyrimidine derivatives. 2019 , 166, 8-14	5
1027	In Vivo Real-Time Imaging of Extracellular Vesicles in Liver Regeneration via Aggregation-Induced Emission Luminogens. 2019 , 13, 3522-3533	44
1026	High-contrast mechanochromic benzothiadiazole derivatives based on a triphenylamine or a carbazole unit.. 2019 , 9, 7176-7180	12

1025	AIE Featured Inorganic-Organic Core@Shell Nanoparticles for High-Efficiency siRNA Delivery and Real-Time Monitoring. 2019 , 19, 2272-2279	44
1024	An ideal platform of light-emitting materials from phenothiazine: facile preparation, tunable red/NIR fluorescence, bent geometry-promoted AIE behaviour and selective lipid-droplet (LD) tracking ability. 2019 , 7, 4185-4190	16
1023	Solvent-Free Luminous Molecular Liquids. 2019 , 7, 1900176	32
1022	Crystallization-Induced Emissive Invisible Ink. 2019 , 7, 1900232	6
1021	Mechano-fluorochromic behavior of AEE polyurethane films and their high sensitivity to halogen acid gas.. 2019 , 9, 9517-9521	5
1020	On the use of organic ligands to sensitize inorganic phosphors for ultraviolet, visible, and infrared light harvesting. 2019 , 37, 028501	5
1019	Development of Imidazo[1,2- a]pyridine Derivatives with an Intramolecular Hydrogen-Bonded Seven-Membered Ring Exhibiting Bright ESIPT Luminescence in the Solid State. 2019 , 21, 2143-2146	21
1018	Luminescent liquid crystals bearing an aggregation-induced emission active tetraphenylthiophene fluorophore. 2019 , 7, 4828-4837	29
1017	Positional Variation of Monopyridyl-N in Unsymmetrical Anthracenyl π Conjugates: Difference between Solution- and Aggregate-State Emission Behavior. 2019 , 4, 5052-5063	9
1016	Theoretical study on the light-emitting mechanism of circularly polarized luminescence molecules with both thermally activated delayed fluorescence and aggregation-induced emission. 2019 , 21, 7288-7297	11
1015	A Fluorescent Chemosensor with a Hybridized Local and Charge Transfer Nature and Aggregation-Induced Emission Effect for the Detection of Picric Acid. 2019 , 4, 2868-2873	4
1014	Dual phosphorescence from the organic and inorganic moieties of 1D hybrid perovskites of the $\text{Pbn}^+\text{Br}4\text{n}^{2-}$ series ($n = 2, 3, 4, 5$). 2019 , 7, 4424-4433	23
1013	Grinding-Triggered Single Crystal-to-Single Crystal Transformation of a Zinc(II) Complex: Mechanochromic Luminescence and Aggregation-Induced Emission Properties. 2019 , 58, 4626-4633	25
1012	Fabrication and Application of Dual-Modality Polymer Nanoparticles Based on an Aggregation-Induced Emission-Active Fluorescent Molecule and Magnetic Fe_3O_4 2019 , 11,	1
1011	Diaminodicyanoquinones: Fluorescent Dyes with High Dipole Moments and Electron-Acceptor Properties. 2019 , 58, 8235-8239	18
1010	Rationally introduce AIE into chemosensor: A novel and efficient way to achieving ultrasensitive multi-guest sensing. 2019 , 218, 263-270	5
1009	9-Aryl-3-aminocarbazole as an Environment- and Stimuli-Sensitive Fluorogen and Applications in Lipid Droplet Imaging. 2019 , 84, 5535-5547	8
1008	Diaminodicyanochinone π Fluoreszenzfarbstoffe mit hohem Dipolmoment und Elektronenakzeptor-Eigenschaften. 2019 , 131, 8321-8326	2

1007	Hydrazide-Hydrazone Small Molecules as AIEgens: Illuminating Mitochondria in Cancer Cells. 2019 , 25, 8229-8235	12
1006	Polycarbonate-Based Nanoparticles with Aggregation-Induced Emission (AIE): Synthesis and Application for Cell Imaging. 2019 , 61, 266-274	1
1005	Synthesis of an efficient far-red/near-infrared luminogen with AIE characteristics for in vivo bioimaging applications. 2019 , 55, 5615-5618	24
1004	Molecular Engineering of an Organic NIR-II Fluorophore with Aggregation-Induced Emission Characteristics for In Vivo Imaging. 2019 , 15, e1805549	61
1003	A switch-on fluorophore using water molecules via hydrogen bonding and its application for bio-imaging of formaldehyde in living cells. 2019 , 11, 2311-2319	5
1002	A stabilized lamellar liquid crystalline phase with aggregation-induced emission features based on pyrrolopyrrole derivatives. 2019 , 3, 1105-1112	9
1001	Multistimuli Response and Polymorphism of a Novel Tetraphenylethylene Derivative. 2019 , 29, 1900516	84
1000	Franck-Condon Blockade and Aggregation-Modulated Conductance in Molecular Devices Using Aggregation-Induced Emission-Active Molecules. 2019 , 131, 6012-6016	6
999	Aggregation-induced emission lights up the swelling process: a new technique for swelling characterisation of hydrogels. 2019 , 3, 664-667	24
998	Facile synthesis of AIEgens with wide color tunability for cellular imaging and therapy. 2019 , 10, 3494-3501	74
997	Sky-blue fluorescent small-molecules with high quantum efficiency: synthesis, structures, AIE properties, and applications in solution-processed non-doped OLEDs. 2019 , 7, 3553-3559	14
996	Recent Advancements in and the Future of Organic Emitters: TADF- and RTP-Active Multifunctional Organic Materials. 2019 , 14, 1613-1636	86
995	Silole Amino Acids with Aggregation-Induced Emission Features Synthesized by Hydrosilylation. 2019 , 2019, 2275-2281	3
994	Enhancing Molecular Aggregations by Intermolecular Hydrogen Bonds to Develop Phosphorescent Emitters for High-Performance Near-Infrared OLEDs. 2019 , 6, 1801930	44
993	High Efficiency and Low Roll-Off Hybrid WOLEDs by Using a Deep Blue Aggregation-Induced Emission Material Simultaneously as Blue Emitter and Phosphor Host. 2019 , 7, 1801539	16
992	Aggregation-Induced Ultraviolet Emission Enhancement and the Electroluminescence Based on New Phenanthrene Derivatives. 2019 , 4, 2044-2052	4
991	AIEgens-lightened Functional Polymers: Synthesis, Properties and Applications. 2019 , 37, 302-326	25
990	Fast and highly selective detection of acetaldehyde in liquor and spirits by forming aggregation-induced emission luminogen. 2019 , 285, 617-624	13

989	Proton-Transfer-Induced Fluorescence in Self-Assembled Short Peptides. 2019 , 123, 1758-1765	12
988	Tetraphenylethene-Functionalized Polyethylene-Based Polymers with Aggregation-Induced Emission. 2019 , 52, 1955-1964	18
987	Precisely Defined Conjugated Oligoelectrolytes for Biosensing and Therapeutics. <i>Advanced Materials</i> , 2019 , 31, e1806701	24 36
986	Optoelectronic, Aggregation, and Redox Properties of Double-Rotor Boron Difluoride Hydrazone Dyes. 2019 , 25, 5994-6006	14
985	Diastereoselective Control of Tetraphenylethene Reactivity by Metal Template Self-Assembly. 2019 , 25, 5708-5718	6
984	High-Fidelity Trapping of Spatial-Temporal Mitochondria with Rational Design of Aggregation-Induced Emission Probes. 2019 , 29, 1808153	57
983	Franck-Condon Blockade and Aggregation-Modulated Conductance in Molecular Devices Using Aggregation-Induced Emission-Active Molecules. 2019 , 58, 5951-5955	27
982	Highly Efficient Deep Blue Aggregation-Induced Emission Organic Molecule: A Promising Multifunctional Electroluminescence Material for Blue/Green/Orange/Red/White OLEDs with Superior Efficiency and Low Roll-Off. 2019 , 6, 767-778	55
981	BODIPY-ortho-carborane-tetraphenylethylene triad: synthesis, characterization, and properties. 2019 , 43, 4471-4476	5
980	Fluorination of the tetraphenylethene core: synthesis, aggregation-induced emission, reversible mechanofluorochromism and thermofluorochromism of fluorinated tetraphenylethene derivatives. 2019 , 7, 3306-3314	20
979	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. 2019 , 10, 768	184
978	Formation of disulphide linkages restricts intramolecular motions of a fluorophore: detection of molecular oxygen in food packaging. 2019 , 55, 3132-3135	5
977	Synthesis, Photophysics, and Solvatochromic Studies of an Aggregated-Induced-Emission Luminogen Useful in Bioimaging. 2019 , 19,	2
976	Mechanochromic Fluorescent Polymers with Aggregation-Induced Emission Features. 2019 , 19,	28
975	Progress in synthesis and characterization at the single particle level of aggregation induced emission nano-objects inside microfluidic devices. 2019 ,	
974	Pressure-induced remarkable luminescence switch of a dimer form of donor-acceptor-donor triphenylamine (TPA) derivative. 2019 , 3, 2768-2774	7
973	Robust organic nanoparticles for noninvasive long-term fluorescence imaging. 2019 , 7, 6879-6889	9
972	Embedded optical nanosensors for monitoring the processing and performance of polymer matrix composites. 2019 , 7, 14471-14492	2

- 971 Selectively Light-up Detection of Phosgene with an Aggregation-Induced Emission-Based Fluorescent Sensor. **2019**, 4, 22557-22561 12
- 970 Recent Advances in AIEgens for Metal Ion Biosensing and Bioimaging. **2019**, 24, 20
- 969 Mesoporous silica nanobeans dual-functionalized with AIEgens and leaning pillar[6]arene-based supramolecular switches for imaging and stimuli-responsive drug release. **2019**, 55, 14099-14102 27
- 968 Aggregation-induced emission-active Au nanoclusters for ratiometric sensing and bioimaging of highly reactive oxygen species. **2019**, 55, 15097-15100 20
- 967 A biocomputing platform with electrochemical and fluorescent signal outputs based on multi-sensitive copolymer film electrodes with entrapped Au nanoclusters and tetraphenylethene and electrocatalysis of NADH. **2019**, 21, 24572-24583 10
- 966 Design and performance study of high efficiency/low efficiency roll-off/high CRI hybrid WOLEDs based on aggregation-induced emission materials as fluorescent emitters. **2019**, 3, 2652-2658 13
- 965 Red Thermally Activated Delayed Fluorescence and the Intersystem Crossing Mechanisms in Compact Naphthalimide-Phenothiazine Electron Donor/Acceptor Dyads. **2019**, 123, 30171-30186 28
- 964 A Faster Resonance Energy Transfer Switchable Fluorescent Probe With HS-Activated Second Near-Infrared Emission for Bioimaging. **2019**, 7, 778 10
- 963 Interaction of Glutathione-Stabilized Gold Nanoclusters with Doxorubicin and Polycation. **2019**, 89, 2097-2102 1
- 962 Optically Active Nanomaterials for Bioimaging and Targeted Therapy. **2019**, 7, 320 31
- 961 Utilizing the aggregation-induced emission phenomenon to visualize spontaneous molecular directed motion in the solid state. **2019**, 3, 2746-2750 8
- 960 A novel AIE-active dye for fluorescent nanoparticles by one-pot combination of Hantzsch reaction and RAFT polymerization: synthesis, molecular structure and application in cell imaging.. **2019**, 9, 32601-32607⁵
- 959 Multiplex detection of miRNAs based on aggregation-induced emission luminogen encoded microspheres.. **2019**, 9, 39976-39985 3
- 958 Fine tuning of pyridinium-functionalized dibenzo[a,c]phenazine near-infrared AIE fluorescent biosensors for the detection of lipopolysaccharide, bacterial imaging and photodynamic antibacterial therapy. **2019**, 7, 12509-12517 22
- 957 Uniting aggregation-induced emission and stimuli-responsive aggregation-caused quenching, single molecule achieved multicolour luminescence. **2019**, 7, 14555-14562 15
- 956 Tetraphenylethylene-substituted phenothiazine-based AIEgens for non-doped deep-blue organic light-emitting diodes with negligible efficiency roll-off. **2019**, 161, 97-103 12
- 955 Enhancement of the excited-state intramolecular proton transfer process to produce all-powerful DSE molecules for bridging the gap between ACQ and AIE. **2019**, 160, 839-847 15
- 954 New carbazole-substituted siloles for the fabrication of efficient non-doped OLEDs. **2019**, 30, 592-596 9

953	(Poly)terephthalates with Efficient Blue Emission in the Solid State. 2019 , 14, 1792-1800	5
952	A Photostable AIEgen for Specific and Real-time Monitoring of Lysosomal Processes. 2019 , 14, 1662-1666	12
951	AIE Fluorescent Gelators with Thermo-, Mechano-, and Vapochromic Properties. 2019 , 14, 781-788	11
950	Achieving highly sensitive detection of Cu based on AIE and FRET strategy in aqueous solution. 2019 , 211, 272-279	16
949	An AIEgen-based fluorescent probe for highly selective and specific imaging of lipid droplets in L02 and HepG2 cells. 2019 , 284, 545-552	26
948	Highly-Efficient Doped and Nondoped Organic Light-Emitting Diodes with External Quantum Efficiencies over 20% from a Multifunctional Green Thermally Activated Delayed Fluorescence Emitter. 2019 , 123, 1015-1020	29
947	Alkylated Aromatic Thioethers with Aggregation-Induced Emission Properties-Assembly and Photophysics. 2019 , 14, 814-820	10
946	Self-Assembly of a Monochromophore-Based Polymer Enables Unprecedented Ratiometric Tracing of Hypoxia. <i>Advanced Materials</i> , 2019 , 31, e1805735	24 44
945	Molecular Design, Circularly Polarized Luminescence, and Helical Self-Assembly of Chiral Aggregation-Induced Emission Molecules. 2019 , 14, 674-688	50
944	Synthesis, luminescent and multiple stimuli-responsive properties of Extended BF ₂ Diketone complexes containing an acridone unit. 2019 , 162, 808-814	6
943	Mannose-functionalized diketopyrrolopyrrole as AIE-active probes for lectin detection and cancer cell imaging. 2019 , 282, 232-242	10
942	Ratiometric fluorescent sensing of endogenous hypochlorous acid in lysosomes using AIE-based polymeric nanoprobe. 2019 , 282, 1-8	29
941	Guest-Triggered Aggregation-Induced Emission in Silver Chalcogenolate Cluster Metal-Organic Frameworks. 2019 , 6, 1801304	85
940	In vivo Visualization of the Process of Hg Bioaccumulation in Water Flea <i>Daphnia carinata</i> by a Novel Aggregation-Induced Emission Fluorogen. 2019 , 14, 796-801	6
939	Poly(ϵ -caprolactone) modified organic dyes nanoparticles for noninvasive long term fluorescence imaging. 2019 , 173, 884-890	7
938	Renaissance of Organic Triboluminescent Materials. 2019 , 58, 7922-7932	49
937	Renaissance of Organic Triboluminescent Materials. 2019 , 131, 8004-8014	7
936	Self-Assembly of Clicked Star-Shaped Triazines into Functional Nanostructures. 2019 , 5, 130-137	1

935	A turn-on MOF-based luminescent sensor for highly selective detection of glutathione. 2019 , 270, 317-323	19
934	Stable mesoporous silica nanoparticles incorporated with MoS ₂ and AIE for targeted fluorescence imaging and photothermal therapy of cancer cells. 2019 , 174, 324-332	20
933	Geminal Cross Coupling (GCC) Reaction for AIE Materials. 2019 , 37, 327-339	7
932	Recent Advances and Progress for the Fabrication and Surface Modification of AIE-active Organic-inorganic Luminescent Composites. 2019 , 37, 340-351	12
931	Tetraphenylpyrazine Based AIE Luminogens: Unique Excited State Decay and Its Application in Deep-Blue Light-Emitting Diodes. 2019 , 7, 1801673	24
930	Novel 4,4'-Fluoresceinoxy Bisphthalonitrile Showing Aggregation-Induced Enhanced Emission and Fluorescence Turn off Behavior to Fe Ions. 2019 , 29, 279-291	7
929	Strong Emission Enhancement in pH-Responsive 2:2 Cucurbit[8]uril Complexes. 2019 , 25, 3257-3261	15
928	Lignosulfonate: A Convenient Fluorescence Resonance Energy Transfer Platform for the Construction of a Ratiometric Fluorescence pH-Sensing Probe. 2019 , 67, 1044-1051	9
927	Exploring Potential Energy Surfaces for Aggregation-Induced Emission-From Solution to Crystal. 2019 , 14, 700-714	98
926	NIR Emission Nanoparticles Based on FRET Composed of AIE Luminogens and NIR Dyes for Two-photon Fluorescence Imaging. 2019 , 37, 401-408	14
925	Aggregation-Induced Emission on Supramolecular Coordination Complexes Platforms. 2019 , 163-194	1
924	Tetraphenylethene Derivatives: A Promising Class of AIE Luminogens Synthesis, Properties, and Applications. 2019 , 223-264	3
923	Recent advances and progress of fluorescent bio-/chemosensors based on aggregation-induced emission molecules. 2019 , 162, 611-623	128
922	Self-carried AIE nanoparticles for in vitro non-invasive long-term imaging. 2019 , 30, 1078-1082	13
921	Photoluminescence of platinum(II) diethynylphenanthroline organometallic complexes with bis-arylethynyl derivatives in solution and solid state. 2019 , 880, 116-123	2
920	Seeing the fate and mechanism of stem cells in treatment of ionizing radiation-induced injury using highly near-infrared emissive AIE dots. 2019 , 188, 107-117	15
919	A dual-function fluorescent probe: Sensitive detection of water content in commercial products and rapid detection of hypochlorite with a large Stokes shift. 2019 , 162, 160-167	27
918	Bio-orthogonal AIE Dots Based on Polyene-Bridged Red-emissive AIEgen for Tumor Metabolic Labeling and Targeted Imaging. 2019 , 14, 770-774	11

9 ¹⁷	Matrix Coordination Induced Emission in a Three-Dimensional Silver Cluster-Assembled Material. 2019 , 25, 2750-2756	27
9 ¹⁶	Luminescent Solar Concentrators Based on Renewable Polyester Matrices. 2019 , 14, 877-883	23
9 ¹⁵	Synthesis of Luminescent Gold Nanoclusters Embedded Goose Feathers for Facile Preparation of Au(I) Complexes with Aggregation-Induced Emission. 2019 , 7, 592-598	9
9 ¹⁴	Highly Fluorescent Liquid Crystals from Excited-State Intramolecular Proton Transfer Molecules. 2019 , 7, 1801349	19
9 ¹³	Aggregation-induced emission (AIE) fluorophores as imaging tools to trace the biological fate of nano-based drug delivery systems. 2019 , 143, 161-176	54
9 ¹²	Two-photon AIE based fluorescent probe with large stokes shift for selective and sensitive detection and visualization of hypochlorite. 2019 , 278, 73-81	43
9 ¹¹	Nanopaper-based photoluminescent enantioselective sensing of L-Lysine by L-Cysteine modified carbon quantum dots. 2019 , 279, 305-312	47
9 ¹⁰	Fluorescence Regulation and Photoresponsivity in AIEE Supramolecular Gels Based on a Cyanostilbene Modified Benzene-1,3,5-Tricarboxamide Derivative. 2019 , 25, 315-322	28
9 ⁰⁹	The Marriage of Aggregation-Induced Emission with Polymer Science. 2019 , 40, e1800568	57
9 ⁰⁸	A ratiometric detection of heparin with high sensitivity based on aggregation-enhanced emission of gold nanoclusters triggered by silicon nanoparticles. 2019 , 193, 37-43	11
9 ⁰⁷	Non-traditional intrinsic luminescence: inexplicable blue fluorescence observed for dendrimers, macromolecules and small molecular structures lacking traditional/conventional luminophores. 2019 , 90, 35-117	134
9 ⁰⁶	A new approach to developing diagnostics and therapeutics: Aggregation-induced emission-based fluorescence turn-on. 2020 , 40, 27-53	17
9 ⁰⁵	Bioinspired non-aromatic compounds emitters displaying aggregation independent emission and recoverable photo-bleaching. 2020 , 206, 120232	5
9 ⁰⁴	Biocompatible AIE material from natural resources: Chitosan and its multifunctional applications. 2020 , 227, 115338	42
9 ⁰³	Tuning the morphology of melamine-induced tetraphenylethene self-assemblies for melamine detecting. 2020 , 76, 105476	2
9 ⁰²	Quantitative and rapid detection of explosives using an efficient luminogen with aggregation-induced emission characteristics. 2020 , 302, 127201	12
9 ⁰¹	Engineering of aggregation-induced emission luminogens by isomeric strategy to achieve high-performance optoelectronic device. 2020 , 173, 107912	14
9 ⁰⁰	Clusterization-triggered emission: Uncommon luminescence from common materials. 2020 , 32, 275-292	206

899	A 4-N,N-dimethylaminoaniline salicylaldehyde Schiff-base solution-solid dual emissive fluorophore: An aggregation-induced turquoise emission characteristics in liquid as a fluorescent probe for Zn response; a strong near-infrared emission in solid state and application for optical data storage. 2020 , 226, 117608		3
898	Precise Molecular Design for High-Performance Luminogens with Aggregation-Induced Emission. <i>Advanced Materials</i> , 2020 , 32, e1903530	24	161
897	Unraveling Dual Aggregation-Induced Emission Behavior in Steric-Hindrance Photochromic System for Super Resolution Imaging. 2020 , 132, 8638-8648		11
896	Unusual Through-Space Interactions between Oxygen Atoms that Mediate Inverse Morphochromism of an AIE Luminogen. 2020 , 59, 8552-8559		16
895	Synthesis of Tetraarylethene Luminogens by C-H Vinylation of Aromatic Compounds with Triazenes. 2020 , 59, 9957-9961		17
894	Unraveling Dual Aggregation-Induced Emission Behavior in Steric-Hindrance Photochromic System for Super Resolution Imaging. 2020 , 59, 8560-8570		42
893	Metal-Organic Gels from Silver Nanoclusters with Aggregation-Induced Emission and Fluorescence-to-Phosphorescence Switching. 2020 , 59, 9922-9927		74
892	Hydration-Facilitated Fine-Tuning of the AIE Amphiphile Color and Application as Erasable Materials with Hot/Cold Dual Writing Modes. 2020 , 59, 10081-10086		15
891	Unusual Through-Space Interactions between Oxygen Atoms that Mediate Inverse Morphochromism of an AIE Luminogen. 2020 , 132, 8630-8637		3
890	Hydration-Facilitated Fine-Tuning of the AIE Amphiphile Color and Application as Erasable Materials with Hot/Cold Dual Writing Modes. 2020 , 132, 10167-10172		2
889	Aggregation Induced Emission (AIE) Effect Based on Fluorescent AminoBiloxane Copolymers. 2020 , 30, 994-1001		2
888	Miracles of molecular uniting. 2020 , 63, 177-184		56
887	Preparation and luminescence properties of isoquinoline-nucleated polycyclic aromatics. 2020 , 172, 107803		2
886	A Conjugated Polymeric Supramolecular Network with Aggregation-Induced Emission Enhancement: An Efficient Light-Harvesting System with an Ultrahigh Antenna Effect. 2020 , 132, 9994-9999		8
885	New AIE-Active Copolymers with Au(I) Isocyanide Acrylate Units. 2020 , 30, 1490-1496		1
884	Mitochondria-targeted aggregation-induced emission active near infrared fluorescent probe for real-time imaging. 2020 , 224, 117456		5
883	Unsymmetrical photochromic bithienylethene-bridge tetraphenylethene molecular switches: Synthesis, aggregation-induced emission and information storage. 2020 , 31, 361-364		26
882	Three-way junction-promoted recycling amplification for sensitive DNA detection using highly bright DNA-silver nanocluster as label-free output. 2020 , 206, 120216		9

- 881 A Simple Donor-Acceptor AIEgen with multi-stimuli responsive behavior. **2020**, 7, 135-142 44
- 880 Efficient Perovskite Solar Cells with a Novel Aggregation-Induced Emission Molecule as Hole-Transport Material. **2020**, 4, 1900189 6
- 879 A Conjugated Polymeric Supramolecular Network with Aggregation-Induced Emission Enhancement: An Efficient Light-Harvesting System with an Ultrahigh Antenna Effect. **2020**, 59, 9908-9913 77
- 878 Highly selective isomer fluorescent probes for distinguishing homo-/cysteine from glutathione based on AIE. **2020**, 206, 120177 26
- 877 Revealing aggregation-induced emission effect of imidazolium derivatives and application for detection of Hg²⁺. **2020**, 172, 107830 24
- 876 High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. **2020**, 132, 9896-9909 11
- 875 Carbon Dots with Dual-Emissive, Robust, and Aggregation-Induced Room-Temperature Phosphorescence Characteristics. **2020**, 132, 1279-1285 9
- 874 Carbon Dots with Dual-Emissive, Robust, and Aggregation-Induced Room-Temperature Phosphorescence Characteristics. **2020**, 59, 1263-1269 106
- 873 Click multiwalled carbon nanotubes: A novel method for preparation of carboxyl groups functionalized carbon quantum dots. **2020**, 108, 110376 4
- 872 Aggregation-induced emission: a review of promising cyano-functionalized AIEgens. **2020**, 55, 1366-1387 23
- 871 An AIE fluorescent probe with a naphthalimide derivative and its application for detection of hypochlorite and imaging inside living cells. **2020**, 227, 117760 10
- 870 Metal-Organic Gels from Silver Nanoclusters with Aggregation-Induced Emission and Fluorescence-to-Phosphorescence Switching. **2020**, 132, 10008-10013 7
- 869 Synthesis of Tetraarylethene Luminogens by C-H Vinylation of Aromatic Compounds with Triazenes. **2020**, 132, 10043-10047 8
- 868 Modulation of release mechanisms of methylene blue (MB) monomers and dimers from silica-MB@shellac synthesized by antisolvent crystallization. **2020**, 107, 110309 2
- 867 A rapid and reversible thermochromic supramolecular polymer hydrogel and its application in protected quick response codes. **2020**, 4, 869-874 16
- 866 Luminogens for Aggregation-Induced Emission via Titanium-Mediated Double Nucleophilic Addition to 2,5-Dialkynylpyridines: Formation and Transformation of the Emitting Aggregates. **2020**, 26, 4269-4280 2
- 865 Luminescent carbon dots with concentration-dependent emission in solution and yellow emission in solid state. **2020**, 565, 77-85 27
- 864 A simple yet effective AIE-based fluorescent nano-thermometer for temperature mapping in living cells using fluorescence lifetime imaging microscopy. **2020**, 5, 488-494 23

863	A simple D _A system of phenanthroimidazole-Fluorenone for highly efficient non-doped bipolar AIE luminogens: synthesis, and molecular optical, thermal and electrochemical properties. 2020 , 44, 1785-1794	6
862	Tuning aggregation-induced emission nanoparticle properties under thin film formation. 2020 , 4, 537-545	13
861	Towards white-light emission of fluorescent polymeric nanoparticles with a single luminogen possessing AIE and TICT properties. 2020 , 8, 734-741	21
860	Keto-salicylaldehyde azine: asymmetric substituent effect on their optical properties via electron-donating group insertion. 2020 , 8, 996-1001	10
859	Designing highly fluorescent, arylated poly(phenylene vinylene)s of intrinsic microporosity. 2020 , 8, 2248-2257	6
858	Siloles, Germales, Stannoles, and Plumboles. 2020 , 798-798	1
857	Induced fluorescent enhancement of protein-directed synthesized gold nanoclusters for selective and sensitive detection of flame retardants. 2020 , 713, 136488	3
856	Dual luminescent lanthanide coordination polymers for ratiometric sensing and efficient removal of Hg ²⁺ . 2020 , 12, 91-96	7
855	Photophysical properties of some novel tetraphenylimidazole derived BODIPY based fluorescent molecular rotors. 2020 , 49, 438-452	8
854	Smart molecular butterfly: an ultra-sensitive and range-tunable ratiometric thermometer based on dihydrophenazines. 2020 , 7, 615-623	22
853	Polymerization-induced emission. 2020 , 7, 987-998	42
852	AIE-active polysulfates via a sulfur(VI) fluoride exchange (SuFEx) click reaction and investigation of their two-photon fluorescence and cyanide detection in water and in living cells. 2020 , 11, 1033-1042	12
851	The development of mechanoluminescence from organic compounds: breakthrough and deep insight. 2020 , 4, 317-331	52
850	Aggregation-induced emission luminogens for RONS sensing. 2020 , 8, 3357-3370	21
849	Solid-state emissive organic chromophores: design, strategy and building blocks. 2020 , 8, 788-802	46
848	Aggregation-induced fluorescence of the luminol-terbium(III) complex in polymer nanoparticles for sensitive determination of thrombin. 2019 , 187, 53	10
847	Carbon quantum dots activated metal organic frameworks for selective detection of Cu(II) and Fe(III). 2020 , 588, 124378	19
846	A diketopyrrolopyrrole-based hybrid organic nanoprobe for ratiometric imaging of endogenous hypochlorite in live cells. 2020 , 307, 127632	5

845	Palladium-Catalyzed Cascade Reactions of 2-(Cyanomethoxy)chalcones with Arylboronic Acids: Selective Synthesis of Emissive Benzofuro[2,3-]pyridines. 2020 , 22, 1239-1243	24
844	Benzoylpyridine-based TADF emitters with AIE feature for efficient non-doped OLEDs by both evaporation and solution process. 2020 , 176, 108179	15
843	Aggregation induction of tetraphenylethylene AIEgen and its supramolecular aggregates toward light-emitting diodes. 2020 , 282, 121122	4
842	High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. 2020 , 59, 9812-9825	82
841	Cationic quaternized chitosan bioconjugates with aggregation-induced emission features for cell imaging. 2020 , 230, 115614	6
840	Aggregation-induced red-shifted emission and fluorescent patterning of poly(aryleneethynylene) with a lateral AIEgen substituent. 2020 , 8, 1010-1016	4
839	High-contrast luminescence dependent on polymorphism and mechanochromism of AIE-active (4-(phenothiazin-10-yl)phenyl)(pyren-1-yl)methanone. 2020 , 8, 2460-2466	26
838	Introducing Aggregation-Induced Emission to Students by Visual Techniques Demonstrating Micelle Formation with Thin-Layer Chromatography. 2020 , 97, 190-194	0
837	Aggregation-induced emission characteristics of o-carborane-functionalized fluorene and its heteroanalogs: the influence of heteroatoms on photoluminescence. 2020 , 4, 257-267	13
836	Fluorescence Self-Reporting Precipitation Polymerization Based on Aggregation-Induced Emission for Constructing Optical Nanoagents. 2020 , 132, 10208-10214	9
835	A Type of Atypical AIEgen Used for One-Photon/Two-Photon Targeted Imaging in Live Cells.. 2020 , 3, 505-511	9
834	Rilpivirine-associated aggregation-induced emission enables cell-based nanoparticle tracking. 2020 , 231, 119669	9
833	Efficient electrochemiluminescence of perylene nanocrystal entrapped in hierarchical porous Au nanoparticle-graphene oxide film for bioanalysis based on one-pot DNA amplification. 2020 , 332, 135389	4
832	AIE luminogens as fluorescent bioprobes. 2020 , 123, 115769	58
831	Suppression of Concentration Quenching in Ortho-Substituted Thermally Activated Delayed Fluorescence Emitters. 2020 , 3, 1900185	8
830	Fluorescence Self-Reporting Precipitation Polymerization Based on Aggregation-Induced Emission for Constructing Optical Nanoagents. 2020 , 59, 10122-10128	25
829	The centenary of the Stern-Volmer equation of fluorescence quenching: From the single line plot to the SV quenching map. 2020 , 42, 100338	87
828	Detection of DNA methyltransferase activity using template-free DNA polymerization amplification based on aggregation-induced emission. 2020 , 590, 113532	5

827	Uncommon Intramolecular Charge Transfer Effect and Its Potential Application in OLED Emitters. 2020 , 36, 61-67	8
826	1,1-Diphenylvinylsulfide as a Functional AIEgen Derived from the Aggregation-Caused-Quenching Molecule 1,1-Diphenylethene through Simple Thioetherification. 2020 , 132, 2358-2363	6
825	1,1-Diphenylvinylsulfide as a Functional AIEgen Derived from the Aggregation-Caused-Quenching Molecule 1,1-Diphenylethene through Simple Thioetherification. 2020 , 59, 2338-2343	36
824	A strategy for visual optical determination of glucose based on a smartphone device using fluorescent boron-doped carbon nanoparticles as a light-up probe. 2019 , 187, 14	8
823	Controlled aggregation of amphiphilic aggregation-induced emission polycation and superparamagnetic iron oxide nanoparticles as fluorescence/magnetic resonance imaging probes. 2020 , 137, 48760	1
822	Two birds one stone: Facile preparation of AIE-active fluorescent polymeric nanoparticles via self-catalyzed photo-mediated polymerization. 2020 , 508, 144799	6
821	A symmetric nonpolar blue AIEgen as nondoped fluorescent OLED emitter with low efficiency roll-off. 2020 , 78, 105574	11
820	On-demand storage and release of antimicrobial peptides using Pandora's box-like nanotubes gated with a bacterial infection-responsive polymer. 2020 , 10, 109-122	39
819	2-Aryl-2,4-dihydro-5H-[1,2,3]triazolo[4,5-d]pyrimidin-5-ones as a New Platform for the Design and Synthesis of Biosensors and Chemosensors. 2020 , 2020, 316-329	4
818	Solvent vapour induced rare single-crystal-to-single-crystal transformation of stimuli-responsive fluorophore: Solid state fluorescence tuning, switching and role of molecular conformation and substituents. 2020 , 174, 108067	9
817	Novel blue fluorescent materials for high-performance nondoped blue OLEDs and hybrid pure white OLEDs with ultrahigh color rendering index. 2020 , 68, 104325	37
816	Barbituric Acid Based Fluorogens: Synthesis, Aggregation-Induced Emission, and Protein Fibril Detection. 2019 , 25,	13
815	Mechanistic Study on High Efficiency Deep Blue AIE-Based Organic Light-Emitting Diodes by Magneto-Electroluminescence. 2020 , 30, 1908704	25
814	A large-Stokes-shift fluorescent probe for Zn based on AIE, and application in live cell imaging. 2020 , 412, 1453-1463	13
813	Stimuli-Responsive Luminescent Properties of Tetraphenylethene-Based Strontium and Cobalt Metal-Organic Frameworks. 2020 , 132, 19884-19889	7
812	Unraveling the photophysical and semiconducting properties of color converter luminogens with aggregation induced emission characteristics. 2020 , 8, 16757-16768	1
811	Restriction of Conformation Transformation in Excited State: An Aggregation-Induced Emission Building Block Based on Stable Exocyclic C=N Group. 2020 , 23, 101587	10
810	Aggregation-induced Emission Based Fluorogens for Mitochondria-targeted Tumor Imaging and Theranostics. 2020 , 15, 3942-3960	11

809	Aggregation-Induced Emission in Tetrathia[8]circulene Octaoxides via Restriction of the Dynamic Motion of their Negatively Curved Frameworks. 2020 , 15, 3873-3877	4
808	Synthesis and fluorescent properties of diblock terpolymer micelles modified with an aromatic thioether-based AIE fluorophore. 2020 , 208, 122942	3
807	Tumor-Activated and Metal-Organic Framework Assisted Self-Assembly of Organic Photosensitizers. 2020 , 14, 13056-13068	15
806	Aggregation-induced emission based on a fluorinated macrocycle: visualizing spontaneous and ultrafast solid-state molecular motions at room temperature via F-F interactions. 2020 , 8, 14919-14924	3
805	Divergent and Stereoselective Synthesis of Tetraarylethylenes from Vinylboronates. 2020 , 59, 20090-20098	20
804	Making the Best Use of Excited-State Energy: Multimodality Theranostic Systems Based on Second Near-Infrared (NIR-II) Aggregation-Induced Emission Luminogens (AIEgens). 2020 , 2, 1033-1040	30
803	Which is a better fluorescent sensor: aggregation-induced emission-based nanofibers or thin-coating films?. 2020 , 1, 574-578	7
802	Blue-shifted aggregation-induced enhancement of a Sn(IV) fluoride complex: the role of fluorine in luminescence enhancement. 2020 , 56, 9648-9650	2
801	Synthesis, photophysical and electropolymerization properties of thiophene-substituted 2,3-diphenylbuta-1,3-dienes. 2020 , 44, 12556-12567	
800	Aggregation-Induced Emission Probes for Specific Turn-On Quantification of Bovine Serum Albumin.. 2020 , 3, 5193-5201	6
799	Effect of triphenylethylene analogues on the performance of carbazole-based dye-sensitized solar cells. 2020 , 207, 428-435	12
798	Deciphering Structure-Functionality Relationship of Polycarbonate-Based Polyelectrolytes by AIE Technology. 2020 , 53, 5839-5846	8
797	Organic solid-state lasers: a materials view and future development. 2020 ,	116
796	A thiadiazole-based covalent triazine framework nanosheet for highly selective and sensitive primary aromatic amine detection among various amines. 2020 , 8, 16542-16550	24
795	Interfacial engineering of gold nanoclusters for biomedical applications. 2020 , 7, 2596-2618	50
794	Diazaboryl-naphthyl-ketone: A New Scaffold with Bright Fluorescence, Aggregation-Induced Emission, and Application in the Quantitation of Trace Boronic Acids in Drug Intermediates. 2020 , 26, 14324-14329	2
793	Effects of L-Cysteine on the Photoluminescence Properties of ZnO:S Quantum Dots. 2020 , 842, 242-250	
792	9,9-Dimethyl-9,10-dihydroacridine functionalized phosphoindole oxides with AIE property for OLED application. 2020 , 21, 139-147	1

791	Functional Scaffolds from AIE Building Blocks. 2020 , 3, 1862-1892	13
790	Coordination-driven self-assembly of discrete supramolecular double-metallacycles. 2020 , 49, 17511-17519	2
789	Color-Tunable and ESIPT-Inspired Solid Fluorophores Based on Benzothiazole Derivatives: Aggregation-Induced Emission, Strong Solvatochromic Effect, and White Light Emission. 2020 , 12, 55094-55106	20
788	Revealing the evolving mixture of molecular aggregates during organic film formation using simulations of in situ absorbance. 2020 , 153, 214902	4
787	Naphthalonitriles featuring efficient emission in solution and in the solid state. 2020 , 16, 2960-2970	2
786	Supramolecular Orange-Red- and Yellow-Emitting Ir(III) Complexes with TFSI and PF6 Counteranions and Production of LEC Devices. 2020 , 2, 3549-3561	0
785	Multifunctional fluorescent probes "killing two birds with one stone" - recent progress and outlook. 2020 , 21, 100877	2
784	Innovative Synthetic Procedures for Luminogens Showing Aggregation-Induced Emission. 2021 , 60, 15724-15742	2
783	Solid-state intramolecular motions in continuous fibers driven by ambient humidity for fluorescent sensors. 2021 , 8, nwa135	15
782	Inorganic/Organic Nanocomposites Based on Aggregation-Induced Emission Luminogens. 2021 , 31, 2006952	14
781	AIE-based fluorescent sensors for low concentration toxic ion detection in water. 2021 , 403, 123656	24
780	Tetraphenylethene or triphenylethylene-based luminophors: Tunable aggregation-induced emission (AIE), solid-state fluorescence and mechanofluorochromic characteristics. 2021 , 184, 108828	12
779	Switchable and adjustable AIE activity of Pt(II) complexes achieving swift-responding and highly sensitive oxygen sensing. 2021 , 326, 128987	8
778	Self-assembled AIEgen nanoparticles for multiscale NIR-II vascular imaging. 2021 , 264, 120365	29
777	Recent advances in oligomers/polymers with unconventional chromophores. 2021 , 5, 60-75	14
776	Benzimidazole-acrylonitriles as chemosensors for picric acid detection. 2021 , 404, 112874	6
775	A novel barbituric-based fluorescent probe with aggregation induced emission for the highly sensitive ratiometric detection of cyanide anions. 2021 , 56, 1373-1385	4
774	Aggregation-Induced Emission: A Rising Star in Chemistry and Materials Science. 2021 , 39, 677-689	24

773	Donor triggered aggregation induced dual emission, mechanochromism and sensing of nitroaromatics in aqueous solution. 2021 , 245, 118930	3
772	"Turn-on" fluorescent sensor for Th in aqueous media based on a combination of PET-AIE effect. 2021 , 248, 119191	3
771	Carbazole-modified gold(I) complexes with different substituents: Aggregate-induced luminescence change, various solid-state phosphorescence, temperature-dependent phosphorescence, and contrasting mechanoluminochromic characteristics. 2021 , 184, 108814	2
770	Self-reporting coatings for autonomous detection of coating damage and metal corrosion: A review. 2021 , 421, 127854	19
769	Dimesitylborylethynylated Arenes: Unique Electronic and Photophysical Properties Caused by Ethynediyl (C≡C) Spacers. 2021 , 27, 5432-5438	0
768	Tunable AI-CPL behavior by regulation of microstructure of AIE-active isomers through chiral emissive liquid crystals. 2021 , 186, 109001	3
767	Palladium Catalyzed Ring Expansion Reaction of Isoxazolones with Isocyanides: Synthesis of 1,3-Oxazin-6-One Derivatives. 2021 , 363, 808-818	7
766	Polymer-Based Mechanochromic Composite Material Using Encapsulated Systems. 2021 , 42, e2000549	5
765	Kaempferol as an AIE-active natural product probe for selective Al detection in Arabidopsis thaliana. 2021 , 249, 119303	8
764	Aggregation-induced emission active metal complexes: a promising strategy to tackle bacterial infections. 2021 , 57, 174-186	13
763	An easily synthesized AIE luminogen for lipid droplet-specific super-resolution imaging and two-photon imaging. 2021 , 5, 1872-1883	18
762	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. 2021 , 329, 129232	14
761	Conjugation effect on the aggregation-induced emission of extended viologens. 2021 , 45, 23-27	3
760	A Turn-on fluorescent sensor for cytosine in aqueous media based on diamino-bridged biphenyl acrylonitrile. 2021 , 45, 1373-1380	4
759	Supramolecular nanoparticles constructed from pillar[5]arene-based host-guest complexation with enhanced aggregation-induced emission for imaging-guided drug delivery. 2021 , 5, 1418-1427	5
758	Root Canal Disinfection Using Highly Effective Aggregation-Induced Emission Photosensitizer.. 2021 , 4, 3796-3804	5
757	Recent advances in luminescent materials for super-resolution imaging via stimulated emission depletion nanoscopy. 2021 , 50, 667-690	41
756	Molecular tuning of the crystallization-induced emission enhancement of diphenyl-dibenzofulvene luminogens. 2021 , 57, 484-487	3

755	Fluorescent sensing of nucleus density assists in identifying tumor cells using an AIE luminogen. 2021 , 410, 128183	3
754	AIE-based luminescence probes for metal ion detection. 2021 , 429, 213693	59
753	Assembly of Water-soluble AIE-active Fluorescent Organic Nanoparticles for Ratiometric Detection of Hypochlorite in Living Cells. 2021 , 16, 277-281	6
752	Molecular engineering to accelerate cancer cell discrimination and boost AIE-active type I photosensitizer for photodynamic therapy under hypoxia. 2021 , 410, 128133	19
751	Enhanced photophysical properties of silica-methylene blue@amorphous carbon as fluorochromes with modulated Raman-active vibration modes. 2021 , 406, 112987	2
750	Development of C3 symmetric triaminoguanidine-2-naphthol conjugate: Aggregation induced emission, colorimetric and turn-off fluorimetric detection of Co ²⁺ ion, smartphone and real sample applications. 2021 , 406, 112983	5
749	Development of aggregated state chemistry accelerated by aggregation-induced emission. 2021 , 8, nwa199	17
748	Wash-free detection and bioimaging by AIEgens. 2021 , 5, 723-743	10
747	Efficient Emission of Ultraviolet Light by Solid State Organic Fluorophores: Synthesis and Characterization of 1,4-Dialkenyl-2,5-dioxybenzenes. 2021 , 27, 1626-1637	3
746	Supramolecular Fluorescent Sensors: An Historical Overview and Update. 2021 , 427,	36
745	Recent advances in cation sensing using aggregation-induced emission. 2021 , 5, 659-708	36
744	Peptide-based supramolecular hydrogels for bioimaging applications. 2021 , 9, 315-327	22
743	8,8'-(Benzo[[1,2,5]thiadiazole-4,7-diyl)bis(quinolin-4(1)-one): a twisted photosensitizer with AIE properties.. 2021 , 11, 29102-29107	2
742	Stereoselective synthesis of E, E / E, Z isomers based on 1-(4-iodophenyl)-2,5-divinyl-1H-pyrrole core skeleton: A configuration-controlled fluorescence characteristics and highly selective anti-cancer activity. 2021 , 184, 108733	2
741	CH π Interaction-driven self-assembly of tetraphenylethylene derivatives into the face to face arrangement.. 2021 , 11, 2377-2382	3
740	ESIPT-AIE active Schiff base based on 2-(2'-hydroxyphenyl)benzo-thiazole applied as multi-functional fluorescent chemosensors. 2021 , 50, 3916-3922	17
739	Harnessing β -fucosidase for cellular senescence imaging. 2021 , 12, 10054-10062	5
738	Fluorescent Reporters for Antimicrobial Peptides. 2021 ,	2

737	Functional Microporous Polymer Networks: Synthesis and Applications. 2021 , 65-85	
736	Aggregation-Induced Generation of Reactive Oxygen Species: Mechanism and Photosensitizer Construction. 2021 , 26,	19
735	AIE-active polyelectrolyte based photosensitizers: the effects of structure on antibiotic-resistant bacterial sensing and killing and pollutant decomposition. 2021 , 9, 5309-5317	1
734	Clusterization-triggered emission (CTE): one for all, all for one. 2021 , 5, 6693-6717	13
733	Polarity-dependent solvatochromic properties of thermally activated delayed fluorescence with donor-acceptor constituents under different excitation energies.	0
732	ESIPT on/off switching and crystallization-enhanced emission properties of new design phenol-pyrazole modified cyclotriphosphazenes. 2021 , 45, 8492-8505	7
731	Recent advances in stimuli-responsive theranostic systems with aggregation-induced emission characteristics. 2021 , 2, 48-65	36
730	Simple inorganic base promoted C-N and C-C formation: synthesis of benzo[4,5]imidazo[1,2-]pyridines as functional AIEgens used for detecting picric acid. 2021 , 19, 8133-8139	2
729	A mechanistic insight into benefits of aggregation induced emissive luminogens in cancer. 2021 , 29, 592-608	
728	Switching between TADF and RTP: anion-regulated photoluminescence in organic salts and co-crystals. 2021 , 2, 5777-5784	0
727	Aggregation-enhanced emission in tetraphenylpyrazine-based luminogens: theoretical modulation and experimental validation.	4
726	Bright near-infrared tetraphenyletheneBODIPY nanoprobe with high aggregated state emission quantum yields in aqueous system for lipid droplet-specific imaging. 2021 , 5, 3664-3672	5
725	Role of Microbial Nanotechnology in Diagnostics. 2021 , 237-274	1
724	Free energy profile analysis to identify factors activating the aggregation-induced emission of a cyanostilbene derivative. 2021 , 23, 1317-1324	5
723	Nanocomplex made up of antimicrobial metallo-supramolecules and model biomembranes - characterization and enhanced fluorescence. 2021 , 13, 14973-14979	1
722	Aggregation-induced emission from silole-based lumophores embedded in organic-inorganic hybrid hosts. 2021 , 9, 13914-13925	4
721	Aggregation-induced emission for the visualization of the structure and properties of polymers. 2021 , 9, 11484-11496	1
720	Photodynamic therapy: photosensitizers and nanostructures. 2021 , 5, 3788-3812	22

719	A Host-Guest Interaction-Based and Metal-Organic Gel-Based Biosensor with Aggregation-Induced Electrochemiluminescence Enhancement for Methyltransferase Assay. 2021 , 93, 2974-2981	12
718	Recent Progress in Photocatalytic Antibacterial.. 2021 , 4, 3909-3936	27
717	Diagnostic and Therapeutic Nanomedicine. 2021 , 1310, 401-447	4
716	Achieving full-color emission of Cu nanocluster self-assembly nanosheets by the virtue of halogen effects. 2021 , 17, 4550-4558	1
715	Ultrasmall copper nanoclusters with multi-enzyme activities.. 2021 , 11, 14517-14526	3
714	Functional Polymer Systems with Aggregation-Induced Emission and Stimuli Responses. 2021 , 379, 7	10
713	Determination of sulfite in food and beverages using a reliable ratiometric AIE probe.	2
712	Insights into molecular packing effects on the emission properties of fluorenone-based molecules in the aggregate state.	2
711	Construction of a ratio fluorescence assay of 5-aminosalicylic acid based on its aggregation induced emission with blue emitting N/P-codoped carbon dots.. 2021 , 11, 6607-6613	1
710	Chiral assembly of organic luminogens with aggregation-induced emission.. 2022 , 13, 611-632	16
709	A biocompatible dual-AIEgen system without spectral overlap for quantitation of microbial viability and monitoring of biofilm formation. 2021 , 8, 1816-1824	2
708	Nitrogen-Rich Tetraphenylethene-Based Luminescent Metal-Organic Framework for Efficient Detection of Carcinogens. 2021 , 6, 2177-2183	3
707	Facile preparation of silver nanocluster self-assemblies with aggregation-induced emission by equilibrium shifting. 2021 , 13, 14207-14213	2
706	A Theoretical and Experimental Study on the Potential Luminescent and Biological Activities of Diaminodicyanoquinodimethane Derivatives. 2021 , 22,	1
705	Illuminating amyloid fibrils: Fluorescence-based single-molecule approaches. 2021 , 19, 4711-4724	1
704	Restriction of Intramolecular Motion(RIM): Investigating AIE Mechanism from Experimental and Theoretical Studies. 2021 , 37, 1-15	23
703	Synthesis and photophysical properties of a new tetraphenylethylene-o-carborane-based star-shaped molecule. 2021 , 45, 7496-7500	1
702	Pressure-induced excimer formation and fluorescence enhancement of an anthracene derivative. 2021 , 9, 934-938	6

- 701 An AIE-based Fluorescent Probe for Detection of Picric Acid in Water. **2021**, 50, 103-105 2
- 700 A computational probe granting insight into intra and inter-stacking interactions in squaraine dye derivatives. **2021**, 23, 22404-22417
- 699 An unprecedented pyridine-based dinuclear mixed-valent Re oxo-bridged complex: a solvatochromic and AIE-active probe for nanomolar detection of picric acid and trinitrotoluene. **2021**, 50, 9144-9157
- 698 An acylhydrazone-based AIE organogel for the selective sensing of submicromolar level Al³⁺ and Al(III)-based metallogel formation to detect oxalic acid. **2021**, 45, 1899-1903 1
- 697 Tunable NIR AIE-active optical materials for lipid droplet imaging in typical model organisms and photodynamic therapy. **2021**, 9, 2417-2427 11
- 696 Ir(III)(C[∧]N)₂(P-donor ligand)Cl-type complexes bearing functional groups and showing aggregation-induced phosphorescence emission (AIPE) behavior for highly efficient OLEDs. **2021**, 9, 12330-12341 2
- 695 Aggregation-Induced Emission-Active Fluorescent Polymer: Multi-Targeted Sensor and ROS Scavenger. **2021**, 13, 5668-5677 13
- 694 A highly selective visual paper-based detector for hydrazine and MCL luminogens based on fluorinated-pyrrole-functionalized triphenylamine. 1
- 693 A novel aggregation-induced enhanced emission aromatic molecule: 2-aminophenylboronic acid dimer. **2021**, 12, 12437-12444 0
- 692 Living supramolecular polymerization of an AIE-active Ir(III) complex with irregular emission.
- 691 AIE-Based Fluorescent Nanosensors for Detection of Heavy Metal Ions. **2021**, 53-96
- 690 Self-Assembled Photonic Microsensors with Strong Aggregation-Induced Emission for Ultra-Trace Quantitative Detection. **2021**, 15, 5534-5544 11
- 689 Unraveling the Important Role of High-Lying Triplet-Lowest Excited Singlet Transitions in Achieving Highly Efficient Deep-Blue AIE-Based OLEDs. *Advanced Materials*, **2021**, 33, e2006953 24 20
- 688 Emerging trends in aggregation induced emissive luminogens as bacterial theranostics. **2021**, 29, 793-807 0
- 687 Revisiting an ancient inorganic aggregation-induced emission system: An enlightenment to clusteroluminescence. **2021**, 2, e36 9
- 686 Synthesis, Self-Assembly, and Nucleic Acid Recognition of an Acylhydrazone-Conjugated Cationic Tetraphenylethene Ligand. **2021**, 2021, 1123-1135 2
- 685 Acridine N-Heterocyclic Carbene Gold(I) Compounds: Tuning from Yellow to Blue Luminescence. **2021**, 16, 521-529 3
- 684 Three Types of Charged-Ligand-Based Blue-Green to Near-Infrared Emitting Iridium Complexes: Synthesis, Structures, and Organic Light-Emitting Diode Application. **2021**, 9, 2002060 9

683	Structural Integration of Carbazole and Tetraphenylethylene: Ultrafast Excited-State Relaxation Dynamics and Efficient Electroluminescence. 2021 , 2, 2000144	2
682	Excited-State Intramolecular Proton Transfer (ESIPT) for Optical Sensing in Solid State. 2001952	25
681	Naphthalimide Assemblies for Simultaneous Detection of Ferrous Ion and H ₂ O ₂ to Prevent Fenton Reaction. 2021 , 6, 1692-1698	3
680	Aggregation-Induced Emission Fluorescent Gels: Current Trends and Future Perspectives. 2021 , 379, 9	3
679	Aggregation-induced emission materials for nonlinear optics. 2021 , 2, e28	17
678	High-Yield Synthesis of AIE-Type Au ₂₂ (SG) ₁₈ Nanoclusters through Precursor Engineering and Its pH-Dependent Size Transformation. 2021 , 125, 4066-4076	5
677	Recent Advances on Fabrication of Polymeric Composites Based on Multicomponent Reactions for Bioimaging and Environmental Pollutant Removal. 2021 , 42, e2000563	2
676	Recent advances in AIEgen-based crystalline porous materials for chemical sensing. 2021 , 2, e34	5
675	Organic Semiconductor Micro/Nanocrystals for Laser Applications. 2021 , 26,	6
674	Clusteroluminescence from Cluster Excitons in Small Heterocyclics Free of Aromatic Rings. 2021 , 8, 2004299	21
673	Anthracene-based fluorescent probe: Synthesis, characterization, aggregation-induced emission, mechanochromism, and sensing of nitroaromatics in aqueous media. 2021 , 194, 110741	24
672	Luminescence properties of cyclometalated platinum(II) complexes in a dichloromethane/n-hexane system. 2021 , 66, 152802	0
671	Recovering the Thermally Activated Delayed Fluorescence in Aggregation-Induced Emitters of Carborane. 2021 , 60, 4705-4716	6
670	Fluorescence Behavior and Mechanisms of Poly(ethylene glycol) and Their Applications in Fe ³⁺ and Cr ⁶⁺ Detections, Data Encryption, and Cell Imaging. 2021 , 9, 5166-5178	10
669	Exploring the Electronic Properties of Extended Benzofuran-Cyanovinyl Derivatives Obtained from Lignocellulosic and Carbohydrate Platforms Raw Materials. 2021 , 86, 475-482	1
668	Luminescence Switching of Organogold(I) Complexes between Aggregation-induced Phosphorescence Enhancement and Aggregation-caused Quenching by Balancing Auxiliary Ligands around the Au Center. 2021 , 16, 1165-1170	1
667	Viscosity-induced dual-emission of europium ions containing metallopolymer. 2021 , 273, 116686	1
666	Contact resistance corrected-electrical characteristics with channel length effects in π -conjugated small-molecule benzanthracene organic thin film transistors. 2021 , 273, 116670	6

- 665 Organic Dots with Large π -Conjugated Planar for Cholangiography beyond 1500 nm in Rabbits: A Non-Radioactive Strategy. **2021**, 15, 5011-5022 9
- 664 Fluorescent nanotechnology for in vivo imaging. **2021**, 13, e1705 1
- 663 Photophysical Characteristics of Polarity-Sensitive and Lipid Droplet-Specific Phenylbenzothiadiazoles. **2021**, 5, 632-643 3
- 662 Enantiomeric selectivity of ruthenium (II) chiral complexes with antitumor activity, in vitro and in vivo. **2021**, 216, 111339 3
- 661 A new AIEE-active carbazole based colorimetric/fluorimetric chemosensor for ultra-rapid and nano-level determination of Hg²⁺ and Al³⁺ in food/environmental samples and living cells. **2021**, 331, 129418 14
- 660 A multi-stimuli responsive tetraphenylethene derivative: Self-reversible mechanochromism, mechanoluminescence, switchable photochromism. **2021**, 187, 109128 14
- 659 Aggregation-Induced Emission: From Small Molecules to Polymers-Historical Background, Mechanisms and Photophysics. **2021**, 379, 15 12
- 658 Status and Prospects of Aggregation-Induced Emission Materials in Organic Optoelectronic Devices. **2021**, 379, 16 5
- 657 Imaging, Identification and Inhibition of Microorganisms Using AIEgens. **2021**, 379, 21 1
- 656 Array-Based Biosensors for Bacteria Detection: From the Perspective of Recognition. **2021**, 17, e2006230 9
- 655 5,5-Dioxo-phenothiazine-based D-A-D type AIE molecules enabling persistent room temperature phosphorescence, white light emission and dual-mode mechanochromism. **2021**, 188, 109193 9
- 654 Polypseudorotaxanes Derived from Tetraphenylethylene: Preparation and Tandem-Activated Aggregation-Induced Emission. **2021**, 22, 2248-2255 2
- 653 Synthesis and properties of tetraphenylethylene derivatives with different chiral substituents: From helical supermolecular structure to circularly polarized luminescence. **2021**, 188, 109148 3
- 652 Recent Process of Photo-responsive Materials with Aggregation-induced Emission. **2021**, 37, 598-614 1
- 651 A near infrared ratiometric fluorescent probe with aggregation induced emission (AIE) characteristics for hydrazine detection in vitro and in vivo. **2021**, 188, 109177 8
- 650 Reevaluating the Solution Photophysics of Tetraphenylethylene at the Origin of their Aggregation-Induced Emission Properties. **2021**, 27, 8003-8007 4
- 649 Multiple naphthalimide dimers polymorphs triggered solvatochromism, solid-state emission and aggregation-induced emission by different interaction and its application in fluorescence ratiometric sensing of dichloromethane and 1,4-dioxane. **2021**, 188, 109172 3
- 648 Photoresponsive Polymers with Aggregation-Induced Emission. **2021**, 3, 2290-2309 20

647	Printable Off-On Thermoswitchable Fluorescent Materials for Programmable Thermally Controlled Full-Color Displays and Multiple Encryption. <i>Advanced Materials</i> , 2021 , 33, e2008055	24	34
646	Improving Image-Guided Surgical and Immunological Tumor Treatment Efficacy by Photothermal and Photodynamic Therapies Based on a Multifunctional NIR AIEgen. <i>Advanced Materials</i> , 2021 , 33, e2101158	41	58
645	A Solid-State Fluorescence Switch Based on Triphenylethene-Functionalized Dithienylethene With Aggregation-Induced Emission. 2021 , 9, 665880		2
644	Aggregation-induced emission luminogens sensors: Sensitive fluorescence "Turn-On" response for pH and visually chemosensing on early detection of metal corrosion. 2021 , 153, 106122		2
643	Benzo[1,2-d:4,5-d']bisthiazole fluorophores for luminescent solar concentrators: synthesis, optical properties and effect of the polymer matrix on the device performances. 2021 , 188, 109207		5
642	Stereoisomerization during Molecular Packing. <i>Advanced Materials</i> , 2021 , 33, e2100986	24	3
641	Traceable Nanocluster-Prodrug Conjugate for Chemo-photodynamic Combinatorial Therapy of Non-small Cell Lung Cancer.. 2021 , 4, 3232-3245		2
640	NIR-II bioimaging of small organic molecule. 2021 , 271, 120717		40
639	A Feasible Strategy of Fabricating Type I Photosensitizer for Photodynamic Therapy in Cancer Cells and Pathogens. 2021 , 15, 7735-7743		24
638	Regulation of aggregation-induced emission color of Cyanostilbene luminogens through donor engineering of amino derivatives. 2021 , 69, 152972		2
637	Organic Nanoparticles-Assisted Low-Power STED Nanoscopy. 2021 , 21, 3487-3494		9
636	Novel D-A-D type small-molecular hole transport materials for stable inverted perovskite solar cells. 2021 , 92, 106102		4
635	A Fluorescence Sensor for Pb Detection Based on Liquid Crystals and Aggregation-Induced Emission Luminogens. 2021 , 13, 22361-22367		9
634	Effect of Conjugation on aggregation-induced emission of Cyanostilbene incorporated polycyclic aromatic hydrocarbons. 2021 , 412, 113247		1
633	Pyrene Derived aggregation-induced emission sensor for highly selective detection of explosive CL-20. 2021 , 233, 117871		1
632	Fluorescent supramolecular self-assembly gels and their application as sensors: A review. 2021 , 434, 213792		25
631	Aggregation-induced emission or aggregation-caused quenching? Impact of covalent bridge between tetraphenylethene and naphthalimide. 2021 , 32, 1790-1794		9
630	In vivo visualization assay to evaluate the effects of maternal exposure to mercury on offspring bioaccumulation in the oriental river prawn (<i>Macrobrachium nipponense</i>). 2021 , 270, 129440		0

629	Cationic Tricyclic AIEgens for Concomitant Bacterial Discrimination and Inhibition. 2021 , 10, e2100136	2
628	An Olefin Copolymer with Aggregation-Induced Emission Characteristics Synthesized by Using Metallocene Catalyst. 2021 , 306, 2100011	
627	Dynamic molecular weaving in a two-dimensional hydrogen-bonded organic framework. 2021 , 7, 1321-1332	10
626	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. 2021 , 6, 14104-14121	17
625	Donor-Acceptor-Donor Thienopyrazine-Based Dyes as NIR-Emitting AIEgens. 2021 , 2021, 2655-2664	5
624	Structural Landscape of Zn(II) and Cd(II) Coordination Compounds with Two Isomeric Triimidazole Luminophores: Impact of Crystal Packing Patterns on Emission Properties. 2021 , 21, 4184-4200	2
623	Aggregation-Induced Emission in Electrochemiluminescence: Advances and Perspectives. 2021 , 379, 31	5
622	Stimuli-Responsive AIEgens. <i>Advanced Materials</i> , 2021 , 33, e2008071	24 45
621	Molecular Engineering of Efficient Singlet Oxygen Generators with Near-Infrared AIE Features for Mitochondrial Targeted Photodynamic Therapy. 2021 , 31, 2104026	12
620	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. 2021 , 60, 17629-17637	8
619	Tetraphenylethylene-vitamin E Conjugates as sensitive aggregation-induced emission probes for selective detection of explosive FOX-7. 2021 , 1164, 338525	2
618	Axial and peripheral tetraarylethylene-modified subphthalocyanines with distinctive fluorescent performances. 2021 , 73, 153096	0
617	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photo-Dynamic Therapy. 2021 , 133, 17770-17778	1
616	An Activatable Probe with Aggregation-Induced Emission for Detecting and Imaging Herbal Medicine Induced Liver Injury with Optoacoustic Imaging and NIR-II Fluorescence Imaging. 2021 , e2100867	9
615	Ultra-Deep-Blue Aggregation-Induced Delayed Fluorescence Emitters: Achieving Nearly 16% EQE in Solution-Processed Nondoped and Doped OLEDs with CIEy. 2021 , 31, 2102588	19
614	Recyclable Supramolecular Assembly-Induced Emission System for Selective Detection and Efficient Removal of Mercury(II). 2021 , 27, 11879-11887	1
613	Drum-like Metallacages with Size-Dependent Fluorescence: Exploring the Photophysics of Tetraphenylethylene under Locked Conformations. 2021 , 143, 9215-9221	16
612	Click-formed polymer gels with aggregation-induced emission and dual stimuli-responsive behaviors. 2021 , 34, 365-372	3

611	Surfactant-Stripped Micelles with Aggregation-Induced Enhanced Emission for Bimodal Gut Imaging In Vivo and Microbiota Tagging Ex Vivo. 2021 , e2100356		4
610	Mechanofluorochromism with Aggregation-Induced Emission (AIE) Characteristics: A Perspective Applying Isotropic and Anisotropic Force. 2021 , 379, 28		2
609	Stereodefined tetraarylethylenes: Synthesis and applications. 2021 , 2, e60		1
608	Organic molecular aggregates: From aggregation structure to emission property. 2021 , 2, e96		11
607	Carboxylic acid recognition of a tetraamidine having a tetraphenylethylene unit based on aggregation-induced emission. 2021 , 92, 132254		1
606	One-for-all phototheranostics: Single component AIE dots as multi-modality theranostic agent for fluorescence-photoacoustic imaging-guided synergistic cancer therapy. 2021 , 274, 120892		9
605	NIR absorbing dimeric aza-BODIPY dye with J-type aggregation and photothermal properties. 2021 , 76, 153216		1
604	Competition between the Photothermal Effect and Emission in Potential Phototherapy Agents. 2021 , 125, 8733-8741		1
603	Aggregation-Induced Emission-Active Gels: Fabrications, Functions, and Applications. <i>Advanced Materials</i> , 2021 , 33, e2100021	24	38
602	Type I AIE photosensitizers: Mechanism and application. 20200121		13
601	TPE based aggregation induced emission fluorescent sensors for viscosity of liquid and mechanical properties of hydrogel. 2021 , 33, 252-252		1
600	Polymer dimethyl silicone doped with crown functionalized tetraphenylethene macrocycle: A high selection discriminating film for benzene derivatives. 2021 , 191, 109386		2
599	Unraveling the Mechanism for Tuning the Fluorescence of Fluorescein Derivatives: The Role of the Conical Intersection and n π State. 2021 , 12, 6478-6485		12
598	Polymerizable AEE-active Dye with Optical Activity for Fluorescent Nanoparticles Based on Phenothiazine: Synthesis, Self-assembly and Biological Imaging. 1		0
597	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. 2021 , 60, 19442-19450		14
596	Mechanomaterials: A Rational Deployment of Forces and Geometries in Programming Functional Materials. <i>Advanced Materials</i> , 2021 , 33, e2007977	24	10
595	Dramatically Enhanced and Red-shifted Photoluminescence Achieved by Introducing an Electron-withdrawing Group into a Non-traditional Luminescent Small Organic Compound. 2021 , 16, 2426-2430		2
594	An Active Surface Preservation Strategy for the Rational Development of Carbon Dots as pH-Responsive Fluorescent Nanosensors. 2021 , 9, 191		3

593	Front-face synchronous fluorescence spectroscopy for rapid and non-destructive determination of free capsanthin, the predominant carotenoid in chili (<i>Capsicum annuum</i> L.) powders based on aggregation-induced emission. 2021 , 255, 119696	4
592	Halogen Bonding Tetraphenylethene Anion Receptors: Anion-Induced Emissive Aggregates and Photoswitchable Recognition. 2021 , 133, 19591-19599	3
591	Solid-state fluorescent switch based on the interconversion of J-aggregation and dimer and aggregation pattern-dependent fluorescence colorimetric sensing of GSH/Zn ²⁺ /Cd ²⁺ . 2021 , 116946	1
590	Practicable Applications of Aggregation-Induced Emission with Biomedical Perspective. 2021 , e2100945	3
589	Unconventional, Gram-Scale Synthesis of a Molecular Dimer Organic Luminogen with Aggregation-Induced Emission. 2021 , 13, 40441-40450	1
588	Novel AIE luminescent tetraphenylethene-doped poly (lactic acid) composites for fused deposition modeling and their application in fluorescent analysis of 3D printed products. 2021 , 219, 108898	2
587	Tetraphenylethene-decorated difluoroboron Ediketonates with terminal chiral Diphenylethylamine: Aggregation-induced emission, circularly polarized luminescence and mechanofluochromism. 2021 , 192, 109396	5
586	Advanced electrochromic/electrofluorochromic poly(amic acid) toward the colorimetric/fluorometric dual-determination of glycosuria. 2021 , 21, 100497	1
585	Structural Diversity of Hydrogen-Bonded 4-Aryl-3,5-Dimethylpyrazoles for Supramolecular Materials. 2021 , 14,	0
584	AIEgens for Bacterial Imaging and Ablation. 2021 , e2100877	4
583	Communication of Bichromophore Emission upon Aggregation - Aroyl-S,N-ketene Acetals as Multifunctional Sensor Merocyanines. 2021 , 27, 13426-13434	0
582	Aggregation-Enhanced Energy Transfer for Mitochondria-Targeted ATP Ratiometric Imaging in Living Cells. 2021 , 93, 11878-11886	5
581	Pyrene-fused hexaarylbenzene luminogens: Synthesis, characterization, and aggregation-induced emission enhancement. 2021 , 192, 109452	3
580	Bioinspired Stimuli-Responsive Hydrogel with Reversible Switching and Fluorescence Behavior Served as Light-Controlled Soft Actuators. 2021 , 306, 2100379	2
579	Aggregation induced emission properties of cruciform-type conjugated pyrazine molecules with four pendent donor groups. 2021 , 192, 109419	4
578	Bimetal Cooperatively Catalyzed Arylalkynylation of Alkynylsilanes. 2021 , 23, 6724-6728	1
577	Aggregation-Induced Emission Materials that Aid in Pharmaceutical Research. 2021 , e2101067	3
576	Confinement fluorescence effect (CFE): Lighting up life by enhancing the absorbed photon energy utilization efficiency of fluorophores. 2021 , 440, 213979	6

575	Rational design of pyrrole derivatives with aggregation-induced phosphorescence characteristics for time-resolved and two-photon luminescence imaging. 2021 , 12, 4883	23
574	Aggregation-induced emission: Red and near-infrared organic light-emitting diodes. 2021 , 2, 326-346	20
573	Synthesis of New AIEE-Active Chalcones for Imaging of Mitochondria in Living Cells and Zebrafish In Vivo. 2021 , 22,	2
572	Recent Advances in Aggregation-Induced Emission Materials and Their Biomedical and Healthcare Applications. 2021 , e2101055	7
571	Solvent-induced terbium-emission in a fluorene-co-terpyridine metallopolymer. 2021 , 229, 123990	4
570	Multiresponsive Tetra-Arylethene-Based Fluorescent Switch with Multicolored Changes: Single-Crystal Photochromism, Mechanochromism, and Acidichromism. 2021 , 13, 40986-40994	7
569	Topology-Controlled AIEE of Iminocoumarin Luminophores. 2021 , 16, 2723-2728	1
568	Biomaterials for Orthopaedic Diagnostics and Theranostics. 2021 , 19, 100308-100308	0
567	Smart Metal-Organic Frameworks with Reversible Luminescence/Magnetic Switch Behavior for HCl Vapor Detection. 2106925	6
566	Exploring an aggregation induced emission behaviour of neutral iridium complexes consisting of salicylaldimine ligand with dibenzosuberane core. 2021 , 949, 121954	
565	Fluorogenic Biosensors Constructed via Aggregation-induced Emission Based on Enzyme-catalyzed Coupling Reactions for Detection of Hydrogen Peroxide. 2021 , 37, 1275-1279	2
564	Effect of low-dose doping of small-molecules on the surface potential and carrier balance of TADF OLEDs. 2021 , 279, 116856	
563	Microalgae-Derived Health Supplements to Therapeutic Shifts: Redox-Based Study Opportunities with AIE-Based Technologies. 2021 , e2101223	0
562	Tetraphenylethene-Embedded Pillar[5]arene and [15]Paracyclophane: Distorted Cavities and Host-Guest Binding Properties. 2021 , 26,	0
561	Restriction of Twisted Intramolecular Charge Transfer Enables the Aggregation-Induced Emission of 1-(,-Dialkylamino)-naphthalene Derivatives. 2021 , 125, 8397-8403	6
560	Codes in Code: AIE Supramolecular Adhesive Hydrogels Store Huge Amounts of Information. <i>Advanced Materials</i> , 2021 , 33, e2105418	24 17
559	Near-infrared-emitting difluoroboron βdiketonate dye with AIE characteristics for cellular imaging. 2021 , 193, 109500	2
558	Sensitive Detection of Protamine Based on a Yellow Emission Fluorophore. 2021 , 6, 9311-9316	1

557	Tetraphenylethylene based amphiphilic derivatives: The self-assembly, photo-responsiveness and their application for erasable fluorescent ink. 2021 , 193, 109479	2
556	Restriction of Intramolecular Vibration in Aggregation-Induced Emission Luminogens: Applications in Multifunctional Luminescent Metal-Organic Frameworks. 2021 , 133, 22591-22597	0
555	High-contrast and real-time visualization of membrane proteins in live cells with malachite green-based fluorogenic probes. 2021 ,	1
554	Driving Forces and Routes for Aggregation-Induced Emission-Based Highly Luminescent Metal Nanocluster Assembly. 2021 , 12, 9033-9046	15
553	Restriction of Intramolecular Vibration in Aggregation-Induced Emission Luminogens: Applications in Multifunctional Luminescent Metal-Organic Frameworks. 2021 , 60, 22417-22423	7
552	Synthesis of Conjugated Polymers via Transition Metal Catalysed C-H Bond Activation. 2021 , 16, 2896-2919	0
551	Saccharin-derived multifunctional emitters featuring concurrently room temperature phosphorescence, thermally activated delayed fluorescence and aggregation-induced enhanced emission. 2021 , 419, 129628	4
550	Selective detection of peroxy-carboxylic acid by thiocarbonyl compounds in aqueous solution. 2021 , 343, 130081	2
549	Interfacial regulation and visualization of Pickering emulsion stabilized by Ca ²⁺ -triggered amphiphilic alginate-based fluorescent aggregates. 2021 , 119, 106843	2
548	Poly(acrylates) showing critical fluorescence change in response to heat. 2021 , 194, 109647	
547	Tetraphenylethylene-cholesterol conjugates as sensitive aggregation-induced emission probe for selective detection of explosive FOX-7. 2021 , 238, 118318	1
546	A review on recognition of tri-/tetra-analyte by using simple organic colorimetric and fluorometric probes. 2021 , 445, 214070	7
545	AIE-active polymeric micelles based on modified chitosan for bioimaging-guided targeted delivery and controlled release of paclitaxel. 2021 , 269, 118327	8
544	Electrochromic/electrofluorochromic poly(urea-urethane) bearing oligoaniline and tetraphenylethylene groups: Synthesis, characterization, and H ₂ O ₂ visualized determination. 2021 , 194, 109594	1
543	Blue-orange emitting carbazole based donor-acceptor derivatives: Synthesis and studies of modulating acceptor unit on opto-electrochemical and theoretical properties. 2021 , 419, 113457	5
542	Label-free immunosensor for cardiac troponin I detection based on aggregation-induced electrochemiluminescence of a distyrylarylene derivative. 2021 , 192, 113532	3
541	Mechanochromism, thermochromism, protonation effect and discrimination of CHCl ₃ from organic solvents in a Et ₂ N-substituted Salicylaldehyde Schiff base. 2021 , 195, 109708	5
540	Construction of a multicolored emission tetraphenylethylene derivative in response to multiple stimuli. 2021 , 195, 109723	3

539	Anthracene-containing complexes of boron difluoride. Dual luminescence, formation of excimers, and mechanochromism. 2021 , 262, 120114	0
538	Advances in thermochromic and thermoelectric materials. 2021 , 153-186	2
537	Ligand-controlled and nanoconfinement-boosted luminescence employing Pt(ii) and Pd(ii) complexes: from color-tunable aggregation-enhanced dual emitters towards self-referenced oxygen reporters. 2021 , 12, 3270-3281	7
536	Preponderant role of pentafluorophenyl moieties for tuning the electronic properties of extended benzodifuran-azomethine derivatives. 2021 , 45, 8647-8653	
535	Single component photoresponsive fluorescent organic nanoparticles: a smart platform for improved biomedical and agrochemical applications. 2021 , 57, 1715-1733	1
534	Configuration-controllable synthesis of Z/E isomers based on o-carborane-functionalized tetraphenylethene. 2021 , 45, 12830-12837	1
533	Recent advances of AIE light-up probes for photodynamic therapy. 2021 , 12, 6488-6506	58
532	Self-assembled metallasupramolecular cages towards light harvesting systems for oxidative cyclization. 2021 , 12, 5319-5329	10
531	An organic microlaser based on an aggregation-induced emission fluorophore for tensile strain sensing. 2021 , 9, 4888-4894	1
530	Polymer nanomaterials in bioimaging. 2021 , 161-189	
529	Thermoresponsive icy road sign by light scattering and enhanced fluorescence. 2021 , 9, 7174-7185	0
528	A new fluorescent probe for ultrasensitive detection of phosgene in solution and the gas phase. 2021 , 45, 5631-5636	3
527	Aggregation-induced emission properties of trans-stilbene. 2021 ,	
526	Self-reversible mechanofluorochromism of AIE-active C6-unsubstituted tetrahydropyrimidine derivatives.. 2020 , 11, 15-22	1
525	Multifunctionality in Polymer Networks by Dynamic of Coordination Bonds. 2021 , 222, 2000394	1
524	Materials with aggregation-induced emission characteristics for applications in diagnosis, theragnosis, disease mechanism study and personalized medicine. 2021 , 5, 3322-3343	5
523	Multicomponent reaction-based discovery of pyrimido[2,1-b][1,3]benzothiazole (PBT) as a novel core for full-color-tunable AIEgens. 2021 , 9, 10029-10036	3
522	Host-guest interaction-induced emission enhancement of amphiphilic AIEgens: a computational study. 2021 , 5, 1806-1816	7

521	Full-type photoluminescence from a single organic molecule for multi-signal temperature sensing. 2021 , 5, 2261-2270		7
520	Fluorescent small organic probes for biosensing. 2021 , 12, 3406-3426		70
519	Geminate labels programmed by two-tone microdroplets combining structural and fluorescent color. 2021 , 12, 699		41
518	AIE ligand-based silver clusters used for ethion detection.		0
517	A Novel Fluorescence Tool for Monitoring Agricultural Industry Chain Based on AIEgens. 2021 , 37, 38-51		4
516	Direct Imaging of Superwetting Behavior on Solid-Liquid-Vapor Triphase Interfaces. <i>Advanced Materials</i> , 2017 , 29, 1703009	24	8
515	Single-Molecular White-Light Emitters and Their Potential WOLED Applications. <i>Advanced Materials</i> , 2020 , 32, e1903269	24	116
514	Color-Tunable Boron-Based Emitters Exhibiting Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence for Efficient Solution-Processable Nondoped Deep-Blue to Sky-Blue OLEDs. 2020 , 8, 1902175		30
513	Self-assembly and tunable optical properties of intramolecular charge transfer molecules. 2020 , 1, 57-68		12
512	Aggregation-enhanced theranostics: AIE sparkles in biomedical field. 2020 , 1, 80-106		118
511	Selective Recognition of Fluoride by using a Benzobisimidazolium Derivative through Aggregation-Induced Fluorescence. 2017 , 6, 476-479		4
510	Microlasers from AIE-Active BODIPY Derivative. 2020 , 16, e1907074		12
509	AIE-Type Metal Nanoclusters: Synthesis, Luminescence, Fundamentals and Applications. 2019 , 265-289		2
508	Aggregation-Induced Emission: New Emerging Fluorophores for Environmental Sensing. 2019 , 335-349		3
507	Aggregation-Induced Emitters in Light Harvesting. 2019 , 479-504		1
506	Photoinduced E to Z isomerization of tetraphenylethylene derivatives within organometallic supramolecular assemblies. 2021 , 64, 1709-1715		3
505	Visible light-activated optical switching behaviors of tetra-/triphenylethene-dithienylethene-BF2bdk triad. 2020 , 182, 108686		6
504	Contrast-enhancing fluorescence detection of copper ions by functional fluorescent microgels. 2020 , 320, 128328		16

503	Synthesis and photophysical properties of bis-tetraphenylene-diones. 2020 , 61, 152063	1
502	Free Energy Profile Analysis for the Aggregation-Induced Emission of Diphenyldibenzofulvene. 2020 , 124, 4939-4945	3
501	Light-Gated Nano-Porous Capsules from Stereoisomer-Directed Self-Assemblies. 2021 , 15, 884-893	9
500	Alkoxy chain regulated stimuli-responsive AIE luminogens based on tetraphenylethylene substituted phenanthroimidazoles and non-doped OLEDs with negligible efficiency roll-off. 2020 , 8, 4139-4147	20
499	Circularly polarized luminescence from AIEgens. 2020 , 8, 3284-3301	84
498	Dissipative aggregation-induced emission behaviour of an amino-functionalized tetraphenylethene using a pH oscillator. 2020 , 56, 15169-15172	4
497	Natural-based Hydrogels: A Journey from Simple to Smart Networks for Medical Examination. 2020 , 27, 2704-2733	6
496	Through-Space Conjugation: A Thriving Alternative for Optoelectronic Materials. 2019 , 1, 181-196	71
495	Molecular Rotors with Aggregation-Induced Emission (AIE) as Fluorescent Probes for the Control of Polyurethane Synthesis. 2021 , 9, 3	1
494	Light-emitting Donor-acceptor Dyes in Water: Creation of Light-emitting System Based on Aggregation of Donor-acceptor Dyes. 2016 , 74, 781-791	1
493	Synthesis of Imidazopyridine Derivatives Showing Efficient Luminescence in the Solid State π -SIPT Luminescence Properties and their Crystal-structure Dependence. 2017 , 75, 330-339	2
492	Nonconventional luminophores: characteristics, advancements and perspectives. 2021 , 50, 12616-12655	34
491	Aggregation effects on photophysical properties of NBN-doped polycyclic aromatic hydrocarbons: a theoretical study. 2021 , 23, 23986-23997	2
490	Nitrogen-rich covalent organic frameworks: a promising class of sensory materials.	2
489	Pressure-induced emission enhancement by restricting chemical bond vibration. 2021 , 9, 14578-14582	4
488	7,7-bis(N, N-diethylethylenediamino)-8,8-dicyanoquinodimethane: Effect of Ethyl Moiety on the Photophysical Property besides Thermal Stability. 2021 , 1	1
487	Intermolecular Charge-Transfer Luminescence by Self-Assembly of Pyridinium Luminophores in Solutions. 2021 , 10, 1081-1086	
486	Monitoring Autophagy with Atg4B Protease-Activated Aggregation-Induced Emission Probe. 2108571	4

485	Photoactivatable Biomedical Materials Based on Luminogens with Aggregation-Induced Emission (AIE) Characteristics. 2021 , e2101177	6	
484	Macrocyclic-Based Crystalline Sponge that Stabilizes and Lights Up Cationic Aggregation-Caused Quenching Dyes. 2101670	1	
483	Host-Assisted Aggregation-Induced Emission of a Tetraphenylethylene Derivative and Its Responses toward External Stimuli. 2021 , 125, 11122-11133	1	
482	Luminescent Covalent Organic Frameworks for Biosensing and Bioimaging Applications. 2021 , e2103516	8	
481	Solvent-Induced Self-Assembly of Copper Nanoclusters for White Light Emitting Diodes. 2021 , 4, 10911-10920	4	
480	Highly Selective and Sensitive Aggregation-Induced Emission of Fluorescein-Coated Metal Oxide Nanoparticles. 2021 , 10, 1067-1073	1	
479	High-performance nano-splitters containing aggregation-induced emission luminogens for stereoselective crystallization obtained via polymerization-induced self-assembly. 2021 , 2, e129	4	
478	Synthesis and optical properties of π -conjugated polymers and oligomers bearing hexaphenylbenzene and tetraphenyl ethene units. 2021 , 59, 3131		
477	Donor/ π -Bridge Manipulation for Constructing a Stable NIR-II Aggregation-Induced Emission Luminogen with Balanced Phototheranostic Performance**. 2021 , 133, 26973	2	
476	Bulk Heterojunction Optoelectrical Switching Devices Fabricated Using Nonfullerene Acceptor Y6: Aggregation-Induced Emission Polymer Blend Active Layers.	0	
475	Two-Channel Space Charge Transfer-Induced Thermally Activated Delayed Fluorescent Materials for Efficient OLEDs with Low Efficiency Roll-Off. 2021 , 13, 49066-49075	9	
474	A Facile Strategy of Boosting Photothermal Conversion Efficiency through State Transformation for Cancer Therapy. <i>Advanced Materials</i> , 2021 , 33, e2105999	24	12
473	Circularly polarized luminescent self-organized helical superstructures: From materials and stimulus-responsiveness to applications. e141	14	
472	Aggregation-Induced Emission-Active Poly(phenyleneethynylene)s for Fluorescence and Raman Dual-Modal Imaging and Drug-Resistant Bacteria Killing. 2021 , 10, e2101167	4	
471	Amphiphilic AIEgen-polymer aggregates: Design, self-assembly and biomedical applications. e128	4	
470	Donor/ π -Bridge Manipulation for Constructing a Stable NIR-II Aggregation-Induced Emission Luminogen with Balanced Phototheranostic Performance*. 2021 , 60, 26769-26776	20	
469	Optical fiber sensor for the detection of mercury based on immobilized fluorophore. 2016 ,		
468	Nanocrystals with Crystallization-Induced or Enhanced Emission. 2019 , 291-306		

- 467 Perarylation as a Strategy Toward Aggregation-Induced Emitters: Will They Ever Be Stable?. **2019**, 1-25
- 466 Application of Aggregation-Induced Emission Fluorogens for Detection and Quantification of Toxic Chemicals in Small Aquatic Organisms. **2019**, 317-334 0
- 465 Intracellular self-assembly of TPE-biotin nanoparticles enables aggregation-induced emission fluorescence for cancer-targeted imaging. **2018**, 31, 851-856
- 464 Experimente mit Licht. **2019**, 165-261
- 463 Cucurbit-Like Polymersomes with Aggregation-Induced Emission Properties Show Enzyme-Mediated Motility. **2021**, 3
- 462 Aggregation-induced emission (AIE)-guided dynamic assembly for disease imaging and therapy. **2021**, 179, 114028 5
- 461 Luminescent Crystal Control of Excited-State Intramolecular Proton Transfer (ESIPT) Luminescence Through Polymorphism. **2020**, 271-298
- 460 Seeing the unseen: AIE luminogens for super-resolution imaging. **2022**, 451, 214279 9
- 459 Identification of a non-planar imidazole-cored small molecule for selective telomeric G4 DNA targeting. **2022**, 197, 109901 0
- 458 A fluorene based probe: Synthesis and "turn-on" water sensitivity of the in-situ formed Cu complex: Application in bio-imaging. **2022**, 1189, 339211 0
- 457 Chapter 5:A Confined Nanopipette: From Fundamental to Application. **2020**, 162-209
- 456 Aggregation-Induced Emission (AIE) Probes for Cell Imaging. **2020**, 181-215
- 455 Aggregation induced emission molecules for detection of nucleic acids. **2021**, 184, 219-227
- 454 Introduction to aggregation induced emission (AIE) materials. **2021**, 184, 1-9
- 453 Aggregation-induced emission luminogens for lipid droplet imaging. **2021**, 184, 101-144 2
- 452 Ester-functionalized thermally activated delayed fluorescence materials.
- 451 Nontraditional Luminescent Molecular Aggregates Encapsulated by Wormlike Silica Nanoparticles for Latent Fingerprint Detection. **2021**, 13, 51695-51707 1
- 450 Constructing a NIR fluorescent probe for ratiometric imaging viscosity in mice and detecting blood viscosity in folliculitis mice and peritonitis mice. **2021**, 352, 131042 4

449	Aggregation-induced emission luminogens and tunable multicolor polymer networks modulated by dynamic covalent chemistry. 2021 ,	2
448	Position isomers of Ru(II) polypyridine complexes with tunable photophysical properties, aggregation-induced phosphorescence enhancement and application in triplet-triplet annihilated upconversion. 2020 , 180, 108489	1
447	Dicyanodistyrylbenzene based positional isomers: a comparative study of AIEE and stimuli responsive multicolour fluorescence switching.	1
446	Patented AIE materials for biomedical applications. 2021 , 185, 199-223	1
445	Consecutive multicomponent syntheses of N-substituted 3-arylallylidene indolones [Solid-state emitters and photoisomerization. 2022 , 198, 109938	0
444	A novel dual-response triphenylamine-based fluorescence sensor for special detection of hydrazine in water. 2022 , 276, 115556	0
443	DAD based pyrido-pyrazino[2,3-b]indole amines as blue-red fluorescent dyes: Photophysical, aggregation-induced emission, electrochemical and theoretical studies. 2022 , 242, 118568	1
442	A novel turn-on type AIE fluorescent probe for highly selective detection of cysteine/homocysteine and its application in living cells. 2021 , 239, 123091	3
441	An aggregation-induced emission fluorescence probe for evaluating the effect of CYP450 changes under tumor chemotherapy. 2021 , 239, 123111	1
440	Synthesis of Uniform Polymer Encapsulated Organic Nanocrystals through Ouzo Nanocrystallization.. 2022 , 6, e2100808	2
439	Excited-State Modulation of Aggregation-Induced Emission Molecules for High-Efficiency Triplet Exciton Generation. 1767-1777	7
438	The Effective Combination between 3D Cancer Models and Stimuli-Responsive Nanoscale Drug Delivery Systems.. 2021 , 10,	1
437	Second harmonic generation from tetraphenylethylene functionalized graphdiyne.	
436	Unusual Alternating Crystallization-Induced Emission Enhancement Behavior in Nonconjugated EPhenylalkyl Tropylium Salts. 2021 , 143, 20384-20394	3
435	A HO-activatable nanoprobe for diagnosing interstitial cystitis and liver ischemia-reperfusion injury via multispectral optoacoustic tomography and NIR-II fluorescent imaging. 2021 , 12, 6870	13
434	Just Add the Gold: Aggregation-Induced-Emission Properties of Alkynylphosphinegold(I) Complexes Functionalized with Phenylene-Terpyridine Subunits. 2021 ,	1
433	Cationization to boost both type I and type II ROS generation for photodynamic therapy. 2021 , 280, 121255	6
432	A Triple pH-Responsive AIEgen: Synthesis, Optical properties and Applications. 2021 , 133717	4

431	Machine-Learning-Assisted Accurate Prediction of Molecular Optical Properties upon Aggregation. 2021 , 9, e2101074	4
430	In vivo photodynamic therapy based on Near-Infrared AIE cationic polymers. 2021 , 133748	2
429	Bimodal fluorescence/magnetic resonance molecular probes with extended spin lifetimes. 2021 , e202104158	1
428	Aggregation-induced emission active luminescent polymeric nanofibers: From design, synthesis, fluorescent mechanism to applications. 2021 , 146, 116502	3
427	Photoluminescence of metal nanoclusters. 2021 ,	
426	Novel isoindigo compound with aggregation-induced emission: Br-Br bonding joint restriction of intramolecular motion and cell imaging properties. 2021 , 17, 9866-9870	0
425	An unexpected non-conjugated AIEgen with a discrete dimer for pure intermolecular through-space charge transfer emission.. 2021 , 12, 15928-15934	3
424	Achieving a blue-excitable yellow-emitting Ca-LMOF phosphor water induced phase transformation.. 2022 , 13, 1375-1381	1
423	Fluorescent supramolecular polymers of barbiturate dyes with thiophene-cored twisted π systems.. 2022 , 13, 1281-1287	2
422	Poly(L-lactide)s with tetraphenylethylene: role of polymer chain packing in aggregation-induced emission behavior of tetraphenylethylene.	1
421	Mitochondria-Targeting Phototheranostics by Aggregation-Induced NIR-II Emission Luminogens: Modulating Intramolecular Motion by Electron Acceptor Engineering for Multi-Modal Synergistic Therapy. 2110526	5
420	Substituted Tetraethynylethylene-Tetravinylethylene Hybrids.. 2022 ,	2
419	18 β -Glycyrrhetic acid aggregation-induced emission probes for visual fluorescence detection of explosive as well multi-functional applications.	1
418	Pentafluoro-benzene functionalized AIEgen: A highly sensitive and fast responsive fluorescent nanoprobe for the detection of gold ions. 2022 , 198, 110007	2
417	Molecular phosphonic acid-tethered tetraphenylethene AIEgen based highly selective fluorescent turn-on sensor for neomycin. 2022 , 198, 110042	0
416	A fluorescent nanoprobe based on AIEgen: Visualization of silver ions and sensing applications in cancer cells and <i>S. aureus</i> . 2022 , 198, 110027	2
415	Efficient exciton regulation for high-performance hybrid white organic light-emitting diodes with superior efficiency/CRI/color stability based on blue aggregation-induced emission fluorophor. 2022 , 101, 106425	0
414	Tetraphenylethylene and N-isopropylacrylamide block polymer-grafted carbon dots with their application in cellular imaging. 2022 , 23, 100703	2

413	A facile AIE fluorescent probe with large Stokes shift for the detection of Cd ²⁺ in real water samples and living cells. 2022 , 243, 118672	4
412	A novel benzotriazole derivate with Twisted intramolecular charge transfer and Aggregation Induced emission features for proton determination.. 2021 , 269, 120780	0
411	Fluorescence quenching by competitive absorption between solid foods: Rapid and non-destructive determination of maize flour adulterated in turmeric powder.. 2021 , 375, 131887	1
410	Di-Triphenylamine-based AIE active Schiff base for highly sensitive and selective fluorescence sensing of Cu ²⁺ and Fe ³⁺ . 2022 , 426, 113785	2
409	Aggregation-induced emission shining in the biomedical field: From bench to bedside. 2021 , 2, 206-206	1
408	AIE materials for lysosome imaging. 2021 , 184, 145-178	1
407	A New Luminescence Sensor for Assessing Thorium (IV) in Aqueous Solution Based on Aggregation Caused Quenching (ACQ) and Aggregation Induced Emission (AIE).	
406	Aggregation and luminescence in carbonized polymer dots. e169	8
405	Aggregation-induced delayed fluorescence molecules with mechanochromic behaviors for efficient blue organic light-emitting diodes. 2022 , 3, 100733	0
404	Fabrication of Functional Polycatechol Nanoparticles.. 2022 , 11, 251-256	10
403	Tricolor fluorescence switching in the three crystal polymorphs of tetraphenylethylene modified fluorenone AIEgen.	0
402	Rational Design of ICT-Based Fluorescent Probe with AIE and NIR Properties for Hypochlorite Determination. 2022 , 169, 017514	0
401	Cinchona alkaloid derivative modified Fe ₃ O ₄ nanoparticles for enantioselective ring opening of meso-cyclic anhydrides. 2022 , 46, 2495-2507	
400	ESIPT-based AIE luminogens: Design strategies, applications, and mechanisms.	8
399	Multifunctional photoresponsive organic molecule for electric field sensing and modulation. 2022 , 10, 1204-1211	1
398	AIEgen nanoparticles. 2022 , 463-486	
397	DA systems based on oxazolone-fluoromarin triazoles as solid-state emitters and inhibitors of human cervical cancer cells (HeLa). 2022 , 46, 480-489	0
396	Progress on Exploring the Luminescent Properties of Organic Molecular Aggregates by Multiscale Modeling.. 2021 , 9, 808957	0

395	A ratiometric theranostic system for visualization of ONOO species and reduction of drug-induced hepatotoxicity.. 2022 ,	1
394	D π A-Type fluorophores with efficient dual-state emission for imaging at ultralow concentration. 2022 , 6, 155-162	7
393	Facile ACQ-to-AIE transformation via diphenylphosphine (DPP) modification with versatile properties.	0
392	An asymmetric 2,3-fluoranthene imide building block for regioregular semiconductors with aggregation-induced emission properties.. 2022 , 13, 996-1002	3
391	Novel Quinolizine AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application.. 2022 ,	1
390	From Blue to Green Photoluminescence: Design, Synthesis, and DFT Calculations of Heterocyclic Compounds Containing Chromenothienopyrimidine Moiety.	2
389	Simple inorganic base promoted polycyclic construction using mucohalic acid as a C3 synthon: synthesis and AIE probe application of benzo[4,5]imidazo[1,2-a]pyridines.	4
388	Measuring Cysteine Exposure in Unfolded Proteins with Tetraphenylethene Maleimide and its Analogs.. 2022 , 2378, 3-18	
387	Luminescent polymorphic crystals: mechanoresponsive and multicolor-emissive properties. 2022 , 24, 1112-1126	1
386	A historical review of aggregation-induced emission from 2001 to 2020: A bibliometric analysis.	2
385	Amphiphilic rhomboidal metallacycles with aggregation-induced emission and aggregation-caused quenching luminogens for white-light emission and bioimaging.	3
384	Novel Quinolizine AIE System: Visualization of Molecular Motion and Elaborate Tailoring for Biological Application**.	
383	Recent trends in molecular aggregates: An exploration of biomedicine.	5
382	NIR-II Aggregation-Induced Emission Luminogens for Tumor Phototheranostics.. 2022 , 12,	3
381	Recent Advances in the Luminescence of Arylboronic Acids and their Heteroatom Condensates.	1
380	Polymersomes with a smectic liquid crystal structure and AIE fluorescence.	0
379	Oxidative evolution of /-diaminotetraphenylethylene.. 2022 ,	0
378	Understanding the solid state luminescence and piezochromic properties in polymorphs of an anthracene derivative.. 2022 ,	

377	Dynamic Adjust of Non-Radiative and Radiative Attenuation of AIE Molecules Reinforces NIR-II Imaging Mediated Photothermal Therapy and Immunotherapy.. 2022 , e2104793	7
376	Controlling Aggregation-Induced Emission in Bimetallic Gold-Copper Nanoclusters via Surface Motif Engineering. 2022 , 126, 2896-2904	5
375	Asymmetric Twisting of μ -Centered Octahedral Gold(I) Clusters by Chiral μ -Heterocyclic Carbene Ligation.. 2022 ,	2
374	A facile construction of multiple highly-efficient orange-emitting carboranes based on interlocked molecular aggregations.	0
373	A cationic amphiphilic tetraphenylethylene derivative with hydrochromic sensitive property: Applications in anti-counterfeiting ink and rewritable paper. 2022 ,	1
372	Pyrazinacene luminescence enhancement by heat-activated surface adsorption and de-aggregation in a saponite colloidal system. 2022 , 218, 106413	1
371	An intelligent probe with dual-emission in water and oil for lipid droplet specific imaging in human fibrocalcific aortic valvular leaflet.. 2022 , 271, 120895	0
370	Aggregation-induced emission-active fluorescent polymer sensors for the detection of water in organic solvents, Cu ²⁺ and hemolysis. 2022 , 200, 110115	2
369	Luminescent gold-peptide spheric aggregates: selective and effective cellular targeting.. 2022 , 614, 502-510	0
368	Boost highly efficient singlet oxygen generation and accelerate cancer cell apoptosis for photodynamic therapy by logically designed mitochondria targeted near-infrared AIEgens. 2022 , 358, 131471	2
367	?????????????????. 2022 ,	1
366	Self-assembling of Boc-p-nitro-L-phenylalanyl-p-nitro-L-phenylalanine and Boc-L-phenylalanyl-L-tyrosine in solution and into piezoelectric electrospun fibers.	1
365	N,O-bidentate ligands-based salicylic spiroborates: A bright frontier of bioimaging. 2022 , 110165	0
364	The Improvement of the Performance of Sky-Blue OLEDs by Decreasing Interface Traps and Balancing Carriers with PSVA Treatment.. 2022 , 14,	0
363	Rational Design of ZIF-8 for Constructing Luminescent Biosensors with Glucose Oxidase and AIE-Type Gold Nanoclusters.. 2022 ,	3
362	Fluorescent and thermoresponsive tetraphenylethene-based cross-linked poly(N-isopropylacrylamide)s: Synthesis, thermal/AIE properties, and cell viability. 2022 , 133, 104238	1
361	An azabenz-annulated perylene diimide with tetraphenylethene units: Aggregation-induced emission, mechanochromic fluorescence, and cell imaging. 2022 , 200, 110169	0
360	Aggregation induced emission and mechanochromism: Multi stimuli responsive fluorescence switching of assistant acceptor modulated phenanthroimidazoles. 2022 , 428, 113852	0

359	Multifunctional Photoactive Hydrogels for Wound Healing Acceleration. 2021,	46
358	Supramolecular self-assembly mediated aggregation-induced emission of fluorene-derived cyanostilbenes: multifunctional probes for live cell-imaging.. 2022, 10, 2238-2250	0
357	Development of a new type of multi-functional mechanochromic luminescence material by infusing a phenyl rotator into the structure of 3,4-diphenylmaleic anhydride. 2022, 46, 6765-6774	
356	An AIE fluorescent sensor for rapid and selective detection of phosgene.. 2022,	1
355	Blue-red emitting materials based on a pyrido[2,3-]pyrazine backbone: design and tuning of the photophysical, aggregation-induced emission, electrochemical and theoretical properties.. 2022, 12, 6888-6905	0
354	Novel butterfly-shaped AIE-active pyrrolopyrrole aza-BODIPYs: synthesis, bioimaging and diamine/polyamine detection. 2022, 10, 5672-5683	0
353	Rationally designed Tröger's base decorated bis-carbazoles as twisted solid-state emitting materials and dead bacterial cell imaging. 2022, 46, 5730-5740	1
352	Precise Probe Design Based Esipt Coupled Aie Mechanism Toward Endogenous Cyanide in Food Detection and Bioimaging.	
351	Near-infrared aggregation-induced emission nanodots for early diagnosis of tongue squamous cell carcinoma and sentinel lymph node mapping.. 2022,	0
350	The fast-growing field of photo-driven theranostics based on aggregation-induced emission.. 2022,	25
349	Tailored metal-organic tetrahedral nanocages with aggregation-induced emission for an anti-counterfeiting ink and stimulus-responsive luminescence.	0
348	AIE or AIE(P)E-active transition metal complexes for highly sensitive detection of nitroaromatic explosives. 2022, 4, 100337	1
347	Red to near-infrared piezochromism from AIE-active luminophores: isolated dimers facilitating a wide-range redshift.	0
346	Chemosensors based on 5-ethylidene-substituted barbituric acid derivatives (microreview). 2022, 58, 97-99	0
345	Engineering Au Nanoclusters for Relay Luminescence Enhancement with Aggregation-Induced Emission.. 2022, 12,	1
344	Modulating vectored non-covalent interactions for layered assembly with engineerable properties. 1	0
343	Enzyme-mediated intratumoral self-assembly of nanotheranostics for enhanced imaging and tumor therapy.. 2022, e1786	
342	Thymine-Induced Dynamic Switching of Self-Assembled Nanofibers in Diaminotriazine-Functionalized Tetraphenylethylene Derivatives: Implications for One-Dimensional Molecular Devices. 2022, 5, 3018-3027	0

341	Anionic Cyanine J-type Aggregate Nanoparticles with Enhanced Photosensitization for Mitochondria-targeting Tumor Phototherapy.	0
340	Fluorescent properties of a cage-shaped molecule composed of tetrakis[4-(4-pyridylphenyl)]ethylene moieties. 2022 , 61, SE1004	
339	Effects of Regioregularity of π -Conjugated Polymers Composed of Boron π -Diketimate on Their Stimuli-Responsive Luminescence. 2100504	1
338	Rhodium-Catalyzed Intermolecular Cycloaromatization Route to Cycloparaphenylenes that Exhibit Aggregation-Induced Emission.. 2022 ,	0
337	Development of a New Multiple Stimuli-Responsive Fluorescent Material Using the Minus Strategy Based on the Structure of Tetraphenyl-1,3-butadiene.. 2022 , 7, 10994-11001	1
336	Early diagnosis of breast cancer lung metastasis by nanoprobe-based luminescence imaging of the pre-metastatic niche.. 2022 , 20, 134	1
335	Quadruple Functionalization of a Tetraphenylethylene Aromatic Scaffold with Ynamides or Tetracyanobutadienes: Synthesis and Optical Properties.	
334	Multimodal Imaging-Guided Photothermal Immunotherapy Based on a Versatile NIR-II Aggregation-Induced Emission Luminogen.	0
333	Discrete Platinum(II) Metallacycles with Inner- and Outer-Modified 9,10-Distyrylanthracene: Design, Self-Assembly, and Luminescence Properties.. 2022 ,	0
332	Multimodal Imaging-Guided Photothermal Immunotherapy Based on a Versatile NIR-II Aggregation-Induced Emission Luminogen.. 2022 ,	10
331	Activatable Nanoprobe with Aggregation-Induced Dual Fluorescence and Photoacoustic Signal Enhancement for Tumor Precision Imaging and Radiotherapy.. 2022 ,	2
330	Anionic Cyanine J-type Aggregate Nanoparticles with Enhanced Photosensitization for Mitochondria-targeting Tumor Phototherapy.. 2022 ,	3
329	A mechanochemical two for one: Mechanical activation of norborn-2-en-7-one releases carbon monoxide and switches on aggregation-induced emission.	
328	Solid-State Fluorescence of Excited-State Cation π -Anion Intermolecular Proton Transfer in 2-(2-Hydroxypyridyl)benzothiazole. 2200134	1
327	Aggregation-Induced Emission Boosting the Study of Polymer Science.. 2022 , e2200080	2
326	Restricting Bond Rotations by Ring Fusion: A Novel Molecular Design Strategy to Improve Photodynamic Antibacterial Efficacy of AIE Photosensitizers.. 2022 ,	2
325	Cross-Linking Induced Emission of Polymer Micelles for High-Contrast Visualization Level 3 Details of Latent Fingerprints.. 2022 ,	6
324	A near-infrared fluorescence capillary imprinted sensor for chiral recognition and sensitive detection of l-histidine.. 2022 , 1206, 339794	3

323	Novel nitrogen-doped carbon dots for "turn-on" sensing of ATP based on aggregation induced emission enhancement effect.. 2022 , 273, 121044	0
322	An intelligent photosensitizer that selectively kills Gram-positive pathogenic cocci while preventing harm to beneficial bacilli. 2022 , 201, 110197	3
321	Comparison of aggregation-induced emission enhancement effect between π and π conjugation on silole and application in explosives detection. 2022 , 201, 110175	0
320	Halloysite nanotube-based self-healing fluorescence hydrogels in fabricating 3D cube containing UV-sensitive QR code information.. 2022 , 617, 353-362	1
319	AIE based luminescent porous materials as cutting-edge tool for environmental monitoring: State of the art advances and perspectives. 2022 , 463, 214539	9
318	From para to ortho: Incarnating conventional TADF molecules into AIE-TADF molecules for highly-efficient non-doped OLEDs. 2022 , 442, 136219	1
317	Spermine and Spermidine Detection through Restricted Intramolecular Rotations in a Tetraphenylethylene Derivative. 2022 , 10, 8	0
316	Gold Nanoclusters as Emerging Theranostic Interventions for Biomedical Applications. 2022 , 1-31	
315	Hierarchical Self-Assembly and Multidynamic Responsiveness of Fluorescent Dynamic Covalent Networks Forming Organogels.. 2021 ,	0
314	'Aggregation-Induced Emission' Active Mono-Cyclometalated Iridium(III) Complex Mediated Efficient Vapor-Phase Detection of Dichloromethane.. 2021 , 27,	1
313	Cyclic Trinuclear Copper(I) Complex Exhibiting Aggregation-Induced Emission: A Novel Fluorescent Probe for the Selective Detection of Gold(III) Ions.. 2021 ,	3
312	Recent Advances in Aggregation-Induced Emission Active Materials for Sensing of Biologically Important Molecules and Drug Delivery System.. 2021 , 27,	4
311	Recent advances of luminogens with aggregation-induced emission in multi-photon theranostics. 2021 , 8, 041328	1
310	Asymmetrically bridged aroyl-S,N-ketene acetal-based multichromophores with aggregation-induced tunable emission.	0
309	Diaminodicyanoquinodimethanes. 2022 , 97-118	
308	In Vivo Phototheranostics Application of AIEgen-based Probes. 2022 , 447-464	0
307	Morphology Modulation of Aggregation-induced Emission. 2022 , 509-530	
306	Solid-State Luminescent Materials Containing Both Indole and Pyrimidine Moieties: Design, Synthesis, and Density Functional Theory Calculations.. 2022 , 7, 15016-15026	1

- 305 Clusterization-Triggered Emission. **2022**, 153-175 o
- 304 The Mechanistic Understanding of the Importance of Molecular Motions to Aggregation-induced Emission. **2022**, 1-25
- 303 Design and Development of Naphthalimide Luminogens. **2022**, 559-586
- 302 Understanding the AIE Mechanism at the Molecular Level. **2022**, 27-53
- 301 AIE Fluorescent Polymersomes. **2022**, 311-339
- 300 Small Molecule Organogels from AIE Active π -Cyanostilbenes. **2022**, 255-276 o
- 299 Anti-Kasha Emission from Organic Aggregates. **2022**, 311-331
- 298 Crystallization-induced Emission Enhancement. **2022**, 177-201 o
- 297 Red-emissive AIEgens Based on Tetraphenylethylene for Biological Applications. **2022**, 465-490
- 296 Aggregation-induced Emission from the Restriction of Double Bond Rotation at the Excited State. **2022**, 55-97
- 295 AIE-based Systems for Imaging and Image-guided Killing of Pathogens. **2022**, 297-327
- 294 AIE-active Emitters and Their Applications in OLEDs. **2022**, 1-26 o
- 293 Aggregation-induced Delayed Fluorescence. **2022**, 221-250 1
- 292 Persulfurated Benzene-Cored Asterisks with π -Extended ThioNaphthyl Arms: Synthesis, Structural, Photophysical and Covalent Dynamic Properties.. **2022**,
- 291 Aggregation-induced Emission (AIE) Active Metal-Organic Coordination Complexes. **2022**, 367-410
- 290 Liquid-crystalline AIEgens. **2022**, 555-574
- 289 AIE Polymer Films for Optical Sensing and Energy Harvesting. **2022**, 57-78
- 288 Design and Preparation of Stimuli-responsive AIE Fluorescent Polymers-based Probes for Cells Imaging. **2022**, 243-267

287	Excited-State Intramolecular Proton Transfer Dyes with Dual-State Emission Properties: Concept, Examples and Applications.. 2022 , 27,	4
286	Interplay of Anion- π and π - π Interactions \square Applications in Live Cell Mitochondrial Imaging.. 2022 ,	0
285	Vortex Fluidics-mediated Fluorescent Hydrogels with Aggregation-induced Emission Characteristics. 2022 , 221-242	
284	Development of a New Class of AIEgens. 2022 , 221-253	
283	Aggregation induced emission enhancement and chromism properties of a vinyl bridged naphthalene diimide dimer. 2022 , 203, 110330	0
282	Recent advance of lipid droplets fluorescence imaging with aggregation-induced emission luminogens (AIEgens). 2022 , 203, 110332	2
281	Quantum confined peptide assemblies in a visual photoluminescent hydrogel platform and smartphone-assisted sample-to-answer analyzer for detecting trace pyrethroids.. 2022 , 210, 114265	1
280	Organic small molecule-based photothermal agents for cancer therapy: Design strategies from single-molecule optimization to synergistic enhancement. 2022 , 464, 214564	5
279	Precise probe design based ESIPT coupled AIE mechanism toward endogenous cyanide in food detection and bioimaging. 2022 , 443, 136445	3
278	Table_1.DOCX. 2019 ,	
277	Table_1.docx. 2020 ,	
276	Data_Sheet_1.docx. 2019 ,	
275	Water-soluble AIE-active fluorescent organic nanoparticles for ratiometric detection of SO in the mitochondria of living cells.. 2022 ,	0
274	Color-tuning and manipulation of aggregation-induced emission efficiency of o-carborane π tetraphenylethylene dyads through substituted o-carboranes.	1
273	One F atom matters: synthesis, aggregation-induced emission and stimuli-responsiveness of three isomers of fluoro/formyl substituted tetraphenylethene derivatives.	0
272	Solid-State Fluorescence of A Quasi-Isostructural Polymorphic Biphenyl Based Michael Addition Product.	0
271	AIE-active materials for photovoltaics. 2022 , 427-447	0
270	AIEgen applications in rapid and portable sensing of foodstuff hazards. 2022 , 617-637	0

- 269 Aggregation-induced emission luminogens for organic light-emitting diodes. **2022**, 315-372
- 268 Synthesis of unsymmetrically tetrasubstituted pyrroles and studies of AIEE in pyrrolo[1,2-a]pyrimidine derivatives. 2
- 267 Aggregation-induced emission polymers. **2022**, 45-86
- 266 A responsive AIE-active fluorescent probe for visualization of acetylcholinesterase activity in vitro and in vivo. 0
- 265 Mechanochromic luminescence in AIE luminogens. **2022**, 165-197
- 264 Supramolecular cuboctahedra with aggregation-induced emission enhancement and external binding ability. 1
- 263 The crystal structure of 3-([1,1'-biphenyl]-2-yl)-1,2-diphenylbenzo[b]phosphole-1-oxide, C₃₂H₂₃OP. **2022**,
- 262 Mechanoluminescence and Aggregation-Induced Emission in Bipolar Phenanthroimidazoles: Role of Positional Isomerization-Induced Switching Effect.
- 261 Aggregation-induced emission enhancement of fluorene-substituted 2,5-silole polymer and application as chemosensor. 1 0
- 260 Host-Guest Assemblies of Cyanostilbenes and Cucurbit[8]uril: Luminescence Modulation, Photoreactivity Control and Energy Transfer Studies.
- 259 Facile synthesis of phenothiazine-pyrazine-based donor-acceptor-donor regioisomers: Influence of molecular geometry on aggregation-induced emission. **2022**, 110402
- 258 An Interesting Small Molecule Fluorescent Probe for A Narrow Range (12.5~13) pH and DMSO Detection. **2022**, 19,
- 257 Amphiphilic and zwitterionic multiarylpyrroles with near-infrared aggregation-induced emission for cell membrane imaging.
- 256 Bridge dependent efficient aggregation-induced emission characteristic and significant mechanofluorochromic behavior. **2022**, 248, 118925 0
- 255 Design and fabrication of chitosan-based AIE active micelles for bioimaging and intelligent delivery of paclitaxel. **2022**, 290, 119509 2
- 254 Organic ligand interaction with copper(II) ions in both aqueous and non-aqueous media: Overcoming solubility issues for sensing. **2022**, 365, 131934 0
- 253 Insights on isomeric emitters with thermally activated delayed fluorescence: Comparison between solvent and crystal state. **2022**, 278, 121328 0
- 252 A styryl-benzothiadiazole derivative with aggregation-induced enhanced emission for latent fingerprint recognition. **2022**, 248, 118920 0

- 251 An effective long-wavelength fluorescent sensor for Cu based on dibenzylidenehydrazine-bridged biphenylacrylonitrile.. **2022**, 2
- 250 Four strategies towards customized rainbow/white light emission from a series of organic charge-transfer cocrystals and their heterostructures.
- 249 Novel class of organic crystal scintillators based on aggregation-induced emission. 0
- 248 Dual-state emission of a coumarin acylhydrazone pH dye as colorimetric and fluorometric dual-channel indicator for seafood spoilage taggant. **2022**, 110403 0
- 247 Discs to a 'Bright' Future: Exploring Discotic Liquid Crystals in Organic Light Emitting Diodes in the Era of New-Age Smart Materials.. **2022**, e202200056 2
- 246 From phosphorescence to delayed fluorescence in one step: tuning photophysical properties by quaternisation of an sp²-hybridised nitrogen atom.
- 245 Solution and Solid-State Optical Properties of Trifluoromethylated 5-(Alkyl/aryl/heteroaryl)-2-methyl-pyrazolo[1,5-a]pyrimidine System. **2022**, 2, 345-357 0
- 244 Nonconjugated fluorescent polymer nanoparticles by self-assembly of PIMA-g-ECD for live-cell long-term tracking. **2022**, 119633 0
- 243 Convergence of tetraphenylethene towards a series of large size AIE compounds. **2022**, 204, 110429 0
- 242 Experimental and molecular dynamics studies on aggregation behaviour of salicylaldehyde azine ester.
- 241 Dual-State Emission versus no emission by manipulating molecular structures of cyanovinyl π -benzofuran derivatives. 1
- 240 Aggregation-induced emission (AIE)-Based nanocomposites for intracellular biological process monitoring and photodynamic therapy. **2022**, 121603 0
- 239 AIE-Active Photosensitizers: Manipulation of Reactive Oxygen Species Generation and Applications in Photodynamic Therapy. **2022**, 12, 348 2
- 238 Size Optimization of Organic Nanoparticles with Aggregation-Induced Emission Characteristics for Improved ROS Generation and Photodynamic Cancer Cell Ablation. 2022242 1
- 237 Rapid and high-throughput testing of antifungal susceptibility using an AIEgen-based analytical system. **2022**, 121618 0
- 236 Interrogating amyloid aggregation with aggregation-induced emission fluorescence probes. **2022**, 286, 121605 0
- 235 Synthesis of Fluorescent Titanium Nanoclusters at ambient temperature for highly sensitive and selective detection of Creatine Kinase MM in myocardial infarction. **2022**, 217, 112594 0
- 234 Design of NIR-II high performance organic small molecule fluorescent probes and summary of their biomedical applications. **2022**, 468, 214609 3

233	Chapter 9. Bio-refining Through Nanotechnology. 2022 , 255-276	
232	Suppressing Singlet-Triplet Annihilation Process to Achieve Highly Efficient Deep-Blue AIE-Based OLEDs.	1
231	Pure blue phosphorescent platinum(ii) emitters supported by NHC-based pincer type ligands with unitary emission quantum yields.	1
230	Recent Development on the Fluorescence Based Detection of Volatile Organic Compounds: A Mechanistic Overview.	1
229	Facile Construction of AIE-Active Pyridinyl-Diphenylacrylonitrile Derivatives with Optical Properties Finely-Modulated by the D-A Regulation.	0
228	Near-Infrared-Emissive AIE Bioconjugates: Recent Advances and Perspectives. 2022 , 27, 3914	1
227	Photocatalytic Superoxide Radical Generator that Induces Pyroptosis in Cancer Cells.	12
226	Aggregation-Induced Emission in Phenothiazine-Based Fluorophores: An Insight into the Excited State and Aggregate Formation Mechanism.	4
225	Dual Molecular Design toward a Lysosome-Tagged AIEgen and Heavy-Atom-Free Photosensitizers for Hypoxic Cancer Photodynamic Therapy. 2022 , 12, 420	1
224	Amplified Spontaneous Emission from Organic Phosphorescence Emitters. 2022 , 13, 5461-5467	1
223	Molecular Design and Photothermal Application of Thienoisindigo Dyes with Aggregation-Induced Emission.	0
222	An unexpected dual-emissive luminogen with tunable aggregation-induced emission and enhanced chiroptical property. 2022 , 13,	7
221	Design and synthesis of D-A-D? type compounds with AIE characteristics for hybrid WOLED with stable chromaticity. 2022 , 205, 110511	0
220	Synthesis, photophysical behavior in solution, aggregates, solid state and computational study of new derivatives of 2,2'-bis(indolyl)methane-triphenylamine. 2022 , 1265, 133507	0
219	Three-arm star-shaped aniline derivatives: Tunable photoluminescence, aggregation-induced emission and reversible acid-base vapor fluorescence response. 2022 , 432, 114098	0
218	Rational design of water-soluble supramolecular AIEgen with ultra-high quantum yield, and its application in β -mylase activity detection and wash-free lysosome imaging. 2022 , 448, 137632	0
217	Engineering BODIPY-based near-infrared nanoparticles with large Stokes shifts and aggregation-induced emission characteristics for organelle specific bioimaging.	0
216	Synthesis and Aie Properties of Benzene Fused Cyclooctetraphenenes.	

215	Imine bond orientation manipulates AIEgens derived Schiff bases isomers through intramolecular hydrogen bond effect for different fluorescent properties and applications.	2
214	Organic radical emitters: nature of doublet excitons in emissive layers. 2022 , 24, 16891-16899	
213	Barbier Single-Atom Polymerization Induced Emission as a One-pot Approach for Stimuli-responsive Luminescent Polymer.	1
212	Rational design of a small organic photosensitizer for NIR-I imaging-guided synergistic photodynamic and photothermal therapy.	1
211	Molecular logic operations from complex coacervation with aggregation-induced emission characteristics.	1
210	Förster Resonance Energy Transfer in Luminescent Solar Concentrators. 2201160	1
209	Alternative Uses of Luminescent Solar Concentrators. 2022 , 2, 222-240	1
208	Achieving Solution-Processed Non-Doped Single-Emitting-Layer White Organic Light-Emitting Diodes through Adjusting Pyrene-Based Polyaromatic Hydrocarbon.	0
207	Large effects of tiny structural changes on the AIE-TADF type xanthone derivatives in mechano-responsive luminescence and electroluminescence. 2022 , 110550	0
206	Visualization of Mitochondria During Embryogenesis in Zebrafish by Aggregation-Induced Emission Molecules.	0
205	1+1>2: Fiber Synergy in Aggregation-Induced Emission.	2
204	Fluorescent Probes for Sensing and Imaging Biological Hydrogen Sulfide.	
203	Vision Defense: Efficient Antibacterial AIEgens Induced Early Immune Response for Bacterial Endophthalmitis. 2202485	3
202	Recent advances research and application of lignin-based fluorescent probes. 2022 , 105354	1
201	Fluorescent Covalent Organic Frameworks: A Promising Material Platform for Explosive Sensing. 10,	1
200	A Series of D ₃ D Structured Disilane-Bridged Triads: Structure and Stimuli-Responsive Luminescence Studies. 2022 , 87, 8928-8938	0
199	Aggregation-induced emission enhancement (AIEE) of polyethylenimine functionalized with 3-allylrhodanine and specific detection for Ag ⁺ ions. 2022 , 110562	0
198	A New Biphotochromic Fluorescent Switch Based on Dithienylethene and Triphenylethylene: Synthesis, Crystal Structure, and Optical Waveguide. 2201195	1

- 197 Optical molecular imaging and theranostics in neurological diseases based on aggregation-induced emission luminogens. 1
- 196 A novel drug susceptibility testing AIEgen with spatiotemporal resolved progress-reporting characteristic for therapy of drug-resistant tumor. **2022**,
- 195 Photothermal agents based on small organic fluorophores with intramolecular motion. **2022**, 0
- 194 A photoactivatable theranostic probe for simultaneous oxidative stress-triggered multi-color cellular imaging and photodynamic therapy. **2022**, 121680 1
- 193 Multi-stimuli-responsive fluorescence of bibranched bromo-substituted cyanostilbene derivative with aggregation induced emission enhancement and green light-emitting diode. **2022**, 8, 100264 0
- 192 Programmable design and self assembly of peptide conjugated AIEgens for biomedical applications. **2022**, 287, 121655 0
- 191 Fibrous aggregates: Amplifying aggregation-induced emission to boost health protection. **2022**, 287, 121666 2
- 190 AIEgens assisted label free DNA supersandwich immunoassay for ultrasensitive α -fetoprotein detection. **2022**, 11, 100110
- 189 A multifunctional piperazine-modified tetraphenylethene derivative: Hazardous chemical detection and lysosome-targeted cell imaging. **2022**, 250, 119068
- 188 From ACQ to AIE: The CN(π)/ π Ar interaction driven structural and photophysical properties of aromatic ring conjugated novel diaminomaleonitrile derivatives. **2022**, 433, 114130 0
- 187 Recent Advances in Chiral Aggregation-Induced Emission Fluorogens. **2022**,
- 186 Nonconventional 1,8-Diazafluoren-9-One Aggregates for Green Light Enhancement in Hybrid Biocompatible Media. **2022**, 15, 5012
- 185 An AIE probe for long-term plasma membrane imaging and membrane-targeted photodynamic therapy. **2022**, 1
- 184 Turn-on fluorescent sensor for berberine chloride in aqueous solution based on dicyanodistyrylbenzene derivative. **2022**, 110687
- 183 Luminescence Enhancement of a Gold Nanocluster Hydrogel Facilitated by Water for Erasable Water Writing and Visual Solvent Differentiation.
- 182 Reactive Species-Activatable AIEgens for Biomedical Applications. **2022**, 12, 646 1
- 181 Identification of Lithocholic Acid as a Molecular Glass Host for Room-Temperature Phosphorescent Materials.
- 180 A near-infrared AIE probe and its applications for specific in vitro and in vivo two-photon imaging of lipid droplets. **2022**, 121691 0

179	Inspiration from nature: BioAIEgens for biomedical and sensing applications. 2022 , 121712	0
178	Multicolor-Luminescence Including White Light by Photomodulation of Supramolecular Assemblies in Aqueous Media. 2022 , 14, 36936-36946	0
177	Recent advances of aggregation-induced emission materials for fluorescence image-guided surgery. 2022 , 121709	5
176	Linear, nonlinear optical properties and structure-property relationships in ESIPT-rhodols. 2022 , 1215, 113806	0
175	Designing of naphthalene based acylhydrazone derivative as a selective fluorogenic sensor for strong volatile acids based on aggregation-induced emission. 2022 , 99, 100671	0
174	An amphiphilic tetraphenylethylene-based photosensitizer for cancer cell ablation and bacteria killing. 2022 , 206, 110652	
173	Role of sulfur based compounds in monitoring of various analytes through spectroscopical investigations. 2022 , 144, 109836	
172	Research progress on AIE cyanostilbene-based self-assembly gels: Design, regulation and applications. 2022 , 471, 214753	1
171	Filling the gap between molecular and aggregate states: how does molecular packing affect photophysical properties?. 2023 , 451, 138627	2
170	Fluorescence-based monitoring of the pressure-induced aggregation microenvironment evolution for an AIEgen under multiple excitation channels. 2022 , 13,	1
169	High Exciton Utilization of 1D Molecular Column with High Packing Energy Formed by Folded π Molecules.	0
168	An AIE-active probe for monitoring calcium-rich biological environment with high signal-to-noise and long-term retention in situ. 2022 , 289, 121778	0
167	Phototheranostic nanoparticles with aggregation-induced emission as a four-modal imaging platform for image-guided photothermal therapy and ferroptosis of tumor cells. 2022 , 289, 121779	1
166	Enhancing luminescence in the solid state and varying the luminescence colour by manipulating halogen interactions in furan-cyanovinyl derivatives. 2022 , 207, 110698	0
165	Low-cost planar organic small molecules as hole transport materials for high efficient perovskite solar cells. 2022 , 34, 102307	1
164	Tetraphenylbenzene-modified photonic crystal structure colour coating on fabric substrates for dual-mode anticounterfeiting. 2022 , 655, 130044	0
163	Cationic molecular probes based on aggregation-induced emission for fluorescent sensing and super-resolution imaging of insulin fibrosis. 2023 , 451, 139027	0
162	Dicyanopyrazino phenanthrene based charge transfer derivatives: Role of amine donor in tuning of photophysical, aggregation-induced emission, electrochemical and theoretical properties. 2023 , 1271, 134052	0

- 161 Research Progress of Aggregation-Caused Quenching (ACQ) to Aggregation-Induced Emission (AIE) Transformation Based on Organic Small Molecules. **2022**, 42, 1651 ○
- 160 ECyanostilbene: a multifunctional spectral engineering motif. **2022**, 24, 23049-23075 ○
- 159 Luminescence color change of [3,4-difluoro-2,6-bis(5-methyl-2-pyridyl)phenyl- β N,C1,N?]cyanidoplatinum(ii) by aggregation. ○
- 158 Design and assembly of AIE-active fluorescent organic nanoparticles for anti-counterfeiting fluorescent hydrogels and inks. ○
- 157 Microfabrication of peptide self-assemblies: inspired by nature towards applications. **2022**, 51, 6936-6947 1
- 156 AIE-active iridium(iii) complex integrated with upconversion nanoparticles for NIR-irradiated photodynamic therapy. **2022**, 58, 10056-10059 3
- 155 An expeditious synthesis of 6,7-dihydrodibenzo[b,j][4,7] phenanthroline derivatives as fluorescent materials. **2022**, 12, 27246-27252 ○
- 154 Two distinctly fluorescent BioAIEgens originated from the combination of natural rosin and chromophoric triphenylamine. **2023**, 1272, 134230 ○
- 153 Aggregation-Induced Ignition of Near-Infrared Phosphorescence of Non-Symmetric [Pt(C^N*N^{NC})] Complex in Poly(caprolactone)-based Block Copolymer Micelles: Evaluating the Alternative Design of Near-Infrared Oxygen Biosensors. **2022**, 12, 695 ○
- 152 Single-cell spatiotemporal analysis reveals cell fates and functions of transplanted mesenchymal stromal cells during bone repair. **2022**, ○
- 151 Photochemically Enhanced Emission by Introducing Rational Photoactive Subunits into an Aggregation-Induced Emission Luminogen. ○
- 150 Detection of Pb²⁺ in Tea Using Aptamer Labeled with AIEgen Nanospheres Based on MOFs Sensors. **2022**, 12, 745 ○
- 149 Illuminating Sub-Cellular Organelles by Small Molecule AIEgens. ○
- 148 Synergistic interplay between photoisomerization and photoluminescence in a light-driven rotary molecular motor. **2022**, 13, ○
- 147 Solution-Processed Electroluminescent White Light-Emitting Devices Based on AIE Molecules and Cu-In-Zn-S Nanocrystals. ○
- 146 Solid-State and Aggregate Emission of Aroyl-S,N-Ketene Acetals are Controlled and Tuned by their Substitution Pattern. ○
- 145 Insights into AIE materials: A focus on biomedical applications of fluorescence. 10, 2
- 144 Sensing Leakage of Electrolytes from Magnesium Batteries Enabled by Natural AIEgens. **2022**, 23, 10440 ○

- 143 AIE-Active Antibiotic Photosensitizer with Enhanced Fluorescence in Bacteria Infected Cells and Better Therapy Effect toward Drug-Resistant Bacteria. 0
- 142 Schiff Base Aggregation-Induced Emission Luminogens for Sensing Applications: A Review. **2022**, 7, 2521-2536 3
- 141 Construction of AIEgen functionalized nanomicelles and their stability study through seesaw-like fluorescence changes. **2022**, 107866 0
- 140 Aggregation-Induced Emission and Single-Molecule Magnet Behavior of TPE-Based Ln(III) Complexes. 0
- 139 Design concepts for solution and solid-state emitters: a modern viewpoint on classical and non-classical approaches. 1
- 138 2,2',3,3'-Tetrakis(4-bromophenyl)-6,6'-biquinoxaline based novel Donor-Acceptor-Acceptor-Donor (DAAD) Blue-Orange emitting molecules: Opto-electrochemical, AIE and theoretical investigation. **2022**, 252, 119350 0
- 137 A Novel AIEgen Photosensitizer with Elevating Intersystem Crossing Rate for Tumor Precise Imaging and Therapy. 0
- 136 Synthesis of multifunctional poly(carbamoyl ester)s containing dual-cleavable linkages and an AIE luminogen via Passerini-type multicomponent polymerization. **2022**, 58, 12317-12320 0
- 135 Ultrabright AIEdots with tunable narrow emission for multiplexed fluorescence imaging. 0
- 134 Highly efficient dual-state emission and two-photon absorption of novel naphthalimide functionalized cyanostilbene derivatives with finely tuned terminal alkoxy groups. 1
- 133 Aryl-Phenanthro[9,10-d]imidazole: A Versatile Scaffold for the Design of Optical-Based Sensors. **2022**, 7, 2865-2919 0
- 132 Recent Advances in Structural Design of Efficient Near-Infrared Light-Emitting Organic Small Molecules. 2208082 1
- 131 Mercury Ion Chemosensor Derived from Barbiturate Acid with Aggregation-Induced Emission Effect. **2022**, 10, 422 0
- 130 Bio-inspired polymer array vapor sensor with dual signals of fluorescence intensity and wavelength shift. 10, 0
- 129 NIR-II AIEgens with Photodynamic Effect for Advanced Theranostics. **2022**, 27, 6649 1
- 128 Precise Design and Deliberate Tuning of Turn-On Fluorescence in Tetraphenylpyrazine-Based Metal-Organic Frameworks. **2022**, 2022, 1-11 0
- 127 Synthesis and AIE Properties of benzene fused cyclooctatrathiophenes. **2022**, 114362 0
- 126 Fluorescence Turn-On Corrosion Inhibitor with a Tetraphenylethylene Framework: Corrosion Inhibition and Theoretical Calculations. 2201607 1

- 125 Fast and Reversibly Humidity-Responsive Fluorescence Based on AIEgen Proton Transfer. **2022**, 14, 49119-49127
- 124 Unveiling the Aggregation-Induced Emission (AIE) Mechanism and the Effect of Substituents on Luminescence Properties for Salicylaldehyde Azine Derivatives with Intramolecular Hydrogen Bond. **2022**, 126, 18429-18438 0
- 123 Fluorescent assemblies: Synergistic of amphiphilic molecules and fluorescent elements. **2022**, 101657 0
- 122 Recent molecular design strategies for efficient photodynamic therapy and its synergistic therapy based on AIE photosensitizers. **2022**, 244, 114843 1
- 121 Mechanism, structural design, modulation and applications of Aggregation-induced emission-based Metal-organic framework. **2022**, 146, 110038 0
- 120 A turn-on fluorescent probe based on ESIPT and AIEE mechanisms for the detection of butyrylcholinesterase activity in living cells and in non-alcoholic fatty liver of zebrafish. **2023**, 287, 122044 2
- 119 Aminoindole and Naphthalimide based Charge Transfer Fluorescent Probes for pH Sensing and Live Cell Imaging. 0
- 118 The commercial antibiotics with inherent AIE feature: In situ visualization of antibiotic metabolism and specifically differentiation of bacterial species and broad-spectrum therapy. **2023**, 23, 223-233 0
- 117 AIEgens: Next Generation Signaling Source for Immunoassays?. 1
- 116 Achieving high-performance non-doped sky-blue OLEDs with negligible efficiency roll-off by combining AIE, HLCT and mechanoluminescence features. **2022**, 110951 0
- 115 Aggregation of Electrochemically Active Conjugated Organic Molecules and Its Impact on Aqueous Organic Redox Flow Batteries. 0
- 114 Aggregation of Electrochemically Active Conjugated Organic Molecules and Its Impact on Aqueous Organic Redox Flow Batteries. 0
- 113 Anchoring Cu Nanoclusters on Melamine-Formaldehyde Microspheres: A New Strategy for Triggering Aggregation-Induced Emission toward Specific Enzyme-Free Methyl Parathion Sensing. **2022**, 70, 14522-14530 1
- 112 Highly-selective recognition of dicarboxylic acid using 9-(diphenylmethylene)fluorene-based diamidine. **2022**, 133139 0
- 111 Low threshold amplified spontaneous emission and lasing from single crystals and polymer microspheres based on a blue aggregation-enhanced emission molecule. **2022**, 121, 203506 0
- 110 Methylmercury bioaccumulation in water flea *Daphnia carinata* by AIEgen. **2022**, 248, 114271 1
- 109 Efficient single benzene AIE system: Optical waveguide and invisible ink. **2022**, 110947 0
- 108 Clustering-triggered phosphorescence of nonconventional luminophores. 0

- 107 Four-Winged Propeller-Shaped Indole-Modified and Indole-Substituted Tetraphenylethylenes: Greenish-Blue Emitters with Aggregation-Induced Emission Features for Conventional Organic Light-Emitting Diodes. 0
- 106 An Aggregation-Induced Emission Nanosensor for Real-Time Chemiluminescent Sensing of Light-Independent Intracellular Singlet Oxygen. 0
- 105 Deciphering the Ultrafast Dynamics of a New Tetraphenylethylene Derivative in Solutions: Charge Separation, Phenyl Rings Rotation and C=C Bond Twisting. 0
- 104 Colour-tuneable solid-state fluorescence of crystalline powders formed from push-pull substituted 2,5-diphenyl-stilbenes. **2022**, 12, 34797-34807 1
- 103 Aniline dimers serving as stable and efficient transfer units for intermolecular charge-carrier transmission. **2023**, 26, 105762 3
- 102 Aggregation Assisted Turn-On Response of ANS Dye towards Protamine. 0
- 101 An in situ-triggered and chemi-excited photooxygenation system for A β aggregates. **2023**, 456, 140998 1
- 100 AIPE-active cationic Ir(III) complexes for efficient detection of 2,4,6-trinitrophenol and oxygen. **2022**, 52, 128-135 1
- 99 Cationic AIE-active photosensitizers for highly efficient photodynamic eradication of drug-resistant bacteria. **2022**, 7, 96-105 0
- 98 Internal acylation-induced AIE/AIEE switch of pyrimido[2,1-b][1,3]benzothiazoles (PBTs): Restriction of access to dark state caused by distortion of 4H-pyrimidine ring. **2023**, 210, 110982 0
- 97 Bola-type PEG-linked polyaromatic hydrocarbon-based chemosensors for the Turn-off Excimer fluorescence detection of nitro-analytes/explosives in aqueous solutions. **2023**, 210, 111014 1
- 96 Achieving single-molecule-based multi-color emissions by the regulations of intramolecular proton transfer and interphase transformation. **2023**, 210, 111026 0
- 95 Photophysical and optical properties of 4-(4'-(diphenylamino)benzylidene)-2-phenyloxazol-5(4H)-ones induced by the peripheral substituent. **2023**, 255, 119584 0
- 94 Surprising Solid-State ESIPT Emission from Apparently Ordinary Salicylidene Glycinates Schiff Bases. **2022**, 23, 14955 0
- 93 Substituent-controlled aggregate luminescence: Computational unraveling of S₁/S₀ surface crossing. 1
- 92 Color-Tunable Dual-Mode Organic Afterglow from Classical Aggregation-Caused Quenching Compounds for White-light-Manipulated Anti-Counterfeiting. 0
- 91 Ir(III) Complexes with AIE Characteristics for Biological Applications. **2022**, 12, 1104 0
- 90 Evaluation of poly(N-isopropylacrylamide)/tetraphenylethylene/amphotericin B-based visualized antimicrobial nanofiber wound dressing for whole skin wound healing in rats. **2022**, 8, e12063 0

- 89 Color-Tunable Dual-Mode Organic Afterglow from Classical Aggregation-Caused Quenching Compounds for White-light-Manipulated Anti-Counterfeiting. 1
- 88 As Fiber Meets with AIE: Opening a Wonderland for Smart Flexible Materials. 2210085 0
- 87 Experimental and Theoretical Study for Proton Transfer of Aggregated-Induced Emission Active Fluorescent Schiff Bases. **2022**, 7, 0
- 86 Controlling the fluorescence performance of AIE polymers by controlling the polymer microstructure. 0
- 85 A Novel Indole Derivative with Superior Photophysical Performance for Fluorescent Probe, pH-Sensing, and Logic Gates. **2023**, 24, 1711 0
- 84 Luminescent MOFs constructed by butterfly-like AIE ligands. 1
- 83 A multistimuli-responsive fluorescent hydrogel based on a fluorescence response to macromolecular segmental motion. 0
- 82 Controlling the fluorescence performance of AIE polymers by controlling the polymer microstructure. 0
- 81 Phototheranostic Agents Based on Non-Ionic Heptamethine Cyanine for Realizing Synergistic Cancer Phototherapy. 2202817 0
- 80 In Vivo Fluorescence Imaging-Guided Development of Near-Infrared AIEgens. 0
- 79 Emerging Applications of Aggregation-Induced Emission Luminogens in Bacterial Biofilm Imaging and Antibiofilm Theranostics. 2200329 0
- 78 A cyclopolymer incorporating tetraphenylethene groups in its cyclic repeating units. **2023**, 267, 125644 0
- 77 A tetraphenylethene-based Schiff base AIEgen with a large Stokes shift as probe for highly sensitive and selective detection of aqueous Cu²⁺ ions and its application in cell imaging. **2023**, 290, 122190 0
- 76 Hexagon AgNCs/PVP Crystallization Induced Cathode Electrochemiluminescence Enhancement for miRNA221 Biosensing. 2205607 0
- 75 Recent Progress in Type I Aggregation-Induced Emission Photosensitizers for Photodynamic Therapy. **2023**, 28, 332 0
- 74 Strategies for Improving the Brightness of AIE Materials at Aggregate Level. 0
- 73 Physical-chemical properties of metal nanoclusters. **2023**, 153-199 0
- 72 Dimeric Pillar[5]arene as a Novel Fluorescent Host for Controllable Fabrication of Supramolecular Assemblies and Their Photocatalytic Applications. 2206897 1

- 71 Long-term spatiotemporal and highly specific imaging of the plasma membrane of diverse plant cells using a near-infrared AIE probe. ○
- 70 Cationic Polymer Functionalized Copper Nanocluster-Based Fluorescent Probe for the Selective and Sensitive Detection of S2Ions. **2023**, 11, 1995-2004 ○
- 69 Preparation of Ultrasmall AIE Nanoparticles with Tunable Molecular Packing via Freeze Assembly. **2023**, 23, 1030-1035 ○
- 68 Bridged o-carboraneAnthracene dyads as dual state emission luminogens: synthesis, characterization, and mechanochromic properties. ○
- 67 Supramolecular Coordination Cages for Artificial Photosynthesis and Synthetic Photocatalysis. 1
- 66 Facile modification of phosphole-based aggregation-induced emission luminogens with sulfonyl isocyanates. ○
- 65 A biocompatible polyurethane fluorescent emulsion with aggregation-induced emission for targeting tumor imaging. ○
- 64 EuIII functionalized silica nanoparticles encapsulating chiral CrIII complexes with simultaneous unpolarized red and polarized NIR-I luminescence. ○
- 63 A salicylaldoximate-based AIE probe for the detection of the nerve agent simulant DCP. **2023**, 11, 4025-4032 1
- 62 Multi-stimuli responsive organic polymorphic crystals: anisotropic elasticity and plasticity, mechanochromism and photomechanical motions. **2023**, 11, 4375-4383 ○
- 61 Platinum Drug-Incorporating Polymeric Nanosystems for Precise Cancer Therapy. 2208241 ○
- 60 Tuning the Solid Phase Fluorescence Emission from Long Wavelength Visible to Near-Infrared in Oxazol-5-One Derivatives: StructureProperty Relationship, Theoretical and Experimental Studies. ○
- 59 Fluorescence Sensing of pH and p-Nitrophenol Using an AIEE Active Pyridoxal Derived Schiff Base. ○
- 58 Enhanced Chitosan Photoluminescence by Incorporation of Lithium Perchlorate. ○
- 57 A novel red-emitting aggregation-induced emission probe for determination of β glucosidase activity. **2023**, 295, 122046 ○
- 56 Aggregation-induced bioprobe for plasma membrane-specific imaging and photodynamic cancer cell ablation. **2023**, 293, 122486 ○
- 55 Effective fluorescent turn-on detection of ionizing radiations through controllable intramolecular photoinduced electron transfer. **2023**, 439, 114635 ○
- 54 Two-photon ratiometric imaging of endogenous reactive inorganic sulfur species in the cellular cushion toward formaldehyde. **2023**, 13, 100321 ○

- 53 Chitosan-based fluorescein amphiphile macromolecular sensor for Hg²⁺ detection. **2023**, 380, 121744 ○
- 52 Selective detection of picric acid in aqueous medium using a novel naphthaldehyde-based aggregation induced emission enhancement (AIEE) active turn-off fluorescent sensor. **2023**, 258, 119818 ○
- 51 Deep insight into the charge-transfer cocrystals: Decreasing structural overlap induced bathochromically shift emission. **2023**, 215, 111277 ○
- 50 Utilization of host assisted aggregation-induced emission of ANS dye for ATP sensing. **2023**, 376, 121402 ○
- 49 2-(2-Hydroxyphenyl)benzazole-based AIEgens with interesting photoresponse property. **2023**, 441, 114710 ○
- 48 Subcomponent self-assembled metal-organic nanocages with tunable aggregation-induced fluorescence. **2023**, 215, 111255 ○
- 47 Viewing Aggregation-Induced Emission of Metal Nanoclusters from Design Strategies to Applications. **2023**, 13, 470 1
- 46 Two-Color Cholesteric Liquid Crystalline Gels for Reversible Writing and Erasing Information Encryption. **2023**, 44, ○
- 45 Pyrene, Anthracene, and Naphthalene-Based Azomethines for Fluorimetric Sensing of Nitroaromatic Compounds. ○
- 44 Fluorescence probe with AIE properties for ratiometric/turn off detecting of water in organic solvents and solid state. **2021**, 33, 709-716 ○
- 43 Halogen Bond-Driven Aggregation-Induced Emission Skeleton: N-(3-(Phenylamino)allylidene) Aniline Hydrochloride. ○
- 42 AIEgens Based on Dehydroabiatic Acid Triarylamine and Tetraphenylethene: Synthesis, Luminescence Regulation, and Application in Cell Imaging. **2023**, 11, 2927-2937 ○
- 41 In-Situ versatile characterization and manipulation toward Amorphous-to-Crystalline phase transition via nanoparticles strategy for organic luminescent materials and its applications. **2023**, 460, 141828 ○
- 40 An emission enhancement strategy realized by introducing phosphorescent antennas and complexing with Cucurbit[7]uril. **2023**, 29, 101393 ○
- 39 Clusteroluminescence in Organic, Inorganic, and Hybrid Systems: A Review. **2022**, 58, 297-327 ○
- 38 Revealing the In Situ Behavior of Aggregation-Induced Emission Nanoparticles and Their Biometabolic Effects via Mass Spectrometry Imaging. **2023**, 17, 4463-4473 ○
- 37 Structural Engineering of Red Luminogens to Realize High Emission Efficiency through ACQ-to-AIE Transformation. ○
- 36 Fluorescent detection of emerging virus based on nanoparticles: From synthesis to application. **2023**, 161, 116999 ○

- 35 Self-Assembly of the Tetraphenylethylene-Capped Diserine through a Hierarchical Assembly Process. **2023**, 34, 562-571 ○
- 34 Rational Design of High-Performance Hemithioindigo-Based Photoswitchable AIE Photosensitizer and Enabling Reversible Control Singlet Oxygen Generation. **2023**, 13, 324 ○
- 33 Antimicrobial Photodynamic Therapy for the Remote Eradication of Bacteria. **2023**, 88, ○
- 32 Mitochondria Targeted AIE Probes for Cancer Phototherapy. **2023**, 8, 8925-8935 ○
- 31 Constructing spin crossover-fluorescence bifunctional iron(ii) complexes based on tetraphenyl ethylene-decorated AIEgens. ○
- 30 Fluorescent Probes as a Tool in Diagnostic and Drug Delivery Systems. **2023**, 16, 381 ○
- 29 A caprylate esterase-activated fluorescent probe for sensitive and selective detection of Salmonella enteritidis. **2023**, 415, 2163-2172 ○
- 28 Regulating the luminescence of tetraphenylethene (TPE)-based lanthanide nanoparticles in the presence of organic amines/acids. **2023**, 11, 4645-4653 ○
- 27 Aggregation-induced emission polymer systems with circularly polarized luminescence. ○
- 26 Understanding H₂O aggregates crystallization induced emissive behavior: insights from theory. ○
- 25 Corrosion protection properties of tetraphenylethylene-based inhibitors toward carbon steel in acidic medium. **2023**, 13, 8317-8326 ○
- 24 Spatial Confinement of Single-Drop System to Enhance Aggregation-Induced Emission for Detection of MicroRNAs. **2023**, 95, 5346-5353 ○
- 23 Ultrasensitive fluorescence detection of nitro-explosives by dihydro-oxoisobenzofuranyl-phthalazinone obtained from the Cd(ii)-catalyzed cyclization of azinodimethyldyne-benzoic acid. ○
- 22 Confinement fluorescence effect of an aggregation-induced emission luminogen in crystalline polymer. ○
- 21 Synthesis of fluorescent multisubstituted polyquinolines by cascade C-H activation-based polyannulations of isonicotinamides and diynes. **2023**, 66, 1139-1149 ○
- 20 Polarity-Independent Temperature-Induced Reversible Fluorescence Switching of Organic Nanoparticles: Application to Intracellular Temperature Imaging. **2023**, 6, 5168-5176 ○
- 19 Atomically Precise Copper Nanoclusters. **2023**, 257-283 ○
- 18 Largely conjugated planar acceptor and rotatable donors to construct AIEgens with large molar extinction coefficients for the detection of metal ions. ○

- 17 Preparation and Applications of Polydimethylsiloxane-Based Fluorescent Materials. ○
- 16 Tunable Aggregation-induced Emission and Emission Colors of Imidazolium and Pyridinium Based Hydrazones. ○
- 15 Novel 4,4'-Binaphthalimidyl derivatives with carboxyalkyl side chains: Synthesis, Aggregation-induced emission, Hydrogel and Cell imaging. **2023**, 381, 121796 ○
- 14 Design, synthesis and application of tetraphenylethene substituted chalcones as pH and Et3N indicators. ○
- 13 FRET Based Biosensor: Principle Applications Recent Advances and Challenges. **2023**, 13, 1375 ○
- 12 Macroscopic and fluorescence detection of reactive oxygen species by using a glucose-linked tetraphenylethylene polymer gel. ○
- 11 Achieving Simplified and Tunable Flexibility in Carborane-Based Emitters for Quantitative Vapochromic VOC Sensing. ○
- 10 Molecular Engineering of NIR-II/IIb Emitting AIEgen for Multimodal Imaging-Guided Photo-Immunotherapy. ○
- 9 Visualization of latent fingerprints using an AIE-active unsymmetrical azine: 2-naphthol-pyrrole acrylate conjugate and its fluorescent sensing of Cu²⁺ and S²⁻ ions, smartphone and logic gate applications. **2023**, 114757 ○
- 8 Construction of Mechanically Interlocked Fluorescence Photoswitchable [2]Rotaxane with Aggregation-Induced Emission and Molecular Shuttling Behaviors. ○
- 7 Orange/Red Benzo[1,2-b:4,5-b']dithiophene 1,1,5,5-Tetraoxide-Based Emitters for Luminescent Solar Concentrators: Effect of Structures on Fluorescence Properties and Device Performances. ○
- 6 Deepening Insights into Aggregation Effect of Intermolecular Charge-Transfer Aggregates for Highly Efficient Near-Infrared Non-Doped Organic Light-Emitting Diodes over 780nm. ○
- 5 Trisubstituted alkenes featuring aryl groups: stereoselective synthetic strategies and applications. ○
- 4 Molecular Engineering of Bio-Assemblies: Prospects and Design Rules for Sustainable, Wearable Electromechanical Materials. **2023**, 245-269 ○
- 3 A systematic study on the use of multifunctional nanodiamonds for neuritogenesis and super-resolution imaging. **2023**, 27, ○
- 2 Topological effect on fluorescence emission of tetraphenylethylene-based metallacages. **2023**, 108531 ○
- 1 Aggregation-induced emission luminogens for in vivo molecular imaging and theranostics in cancer. ○