Zujin Zhao

List of Publications by Citations

270 papers	13,034 citations	64 h-index	103 g-index
291 ext. papers	15,490 ext. citations	8.4 avg, IF	6.81 L-index

#	Paper	IF	Citations
270	Tetraphenylethene: a versatile AIE building block for the construction of efficient luminescent materials for organic light-emitting diodes. *Journal of Materials Chemistry*, **2012**, 22, 23726		646
269	Aggregation-induced emission of siloles. *Chemical Science*, **2015**, 6, 5347-5365	9.4	411
268	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. *Chemical Communications*, **2010**, 46, 2221-3	5.8	327
267	Achieving High-Performance Nondoped OLEDs with Extremely Small Efficiency Roll-Off by Combining Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence. *Advanced Functional Materials*, **2017**, 27, 1606458	15.6	319
266	Aggregation-induced emission, self-assembly, and electroluminescence of 4,4Ꝺbis(1,2,2-triphenylvinyl)biphenyl. *Chemical Communications*, **2010**, 46, 686-8	5.8	292
265	Highly Efficient Nondoped OLEDs with Negligible Efficiency Roll-Off Fabricated from Aggregation-Induced Delayed Fluorescence Luminogens. *Angewandte Chemie - International Edition* , **2017**, 56, 12971-12976	16.4	239
264	Ultrabright organic dots with aggregation-induced emission characteristics for real-time two-photon intravital vasculature imaging. *Advanced Materials*, **2013**, 25, 6083-8	24	218
263	Highly Efficient Circularly Polarized Electroluminescence from Aggregation-Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. *Advanced Functional Materials*, **2018**, 28, 1800051	15.6	209
262	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. *Chemical Science* , **2015**, 6, 1932-1937	9.4	206
261	Structural modulation of solid-state emission of 2,5-bis(trialkylsilylethynyl)-3,4-diphenylsiloles. *Angewandte Chemie - International Edition*, **2009**, 48, 7608-11	16.4	197
260	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. *Chemical Science*, **2011**, 2, 672-675	9.4	192
259	Efficient Light Emitters in the Solid State: Synthesis, Aggregation-Induced Emission, Electroluminescence, and Sensory Properties of Luminogens with Benzene Cores and Multiple Triarylvinyl Peripherals. *Advanced Functional Materials*, **2012**, 22, 378-389	15.6	189
258	Pyrene-substituted ethenes: aggregation-enhanced excimer emission and highly efficient electroluminescence. *Journal of Materials Chemistry*, **2011**, 21, 7210		189
257	Robust Luminescent Materials with Prominent Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence for High-Performance Organic Light-Emitting Diodes. *Chemistry of Materials*, **2017**, 29, 3623-3631	9.6	176
256	Manipulation of Charge and Exciton Distribution Based on Blue Aggregation-Induced Emission Fluorophors: A Novel Concept to Achieve High-Performance Hybrid White Organic Light-Emitting Diodes. *Advanced Functional Materials*, **2016**, 26, 776-783	15.6	171
255	High-Performance Non-doped OLEDs with Nearly 100 % Exciton Use and Negligible Efficiency Roll-Off. *Angewandte Chemie - International Edition*, **2018**, 57, 9290-9294	16.4	163
254	Unusual Aggregation-Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. *Angewandte Chemie - International Edition*, **2015**, 54, 14492-7	16.4	161

253	Self-assembly of organic luminophores with gelation-enhanced emission characteristics. *Soft Matter*, **2013**, 9, 4564	3.6	161
252	Full emission color tuning in luminogens constructed from tetraphenylethene, benzo-2,1,3-thiadiazole and thiophene building blocks. *Chemical Communications*, **2011**, 47, 8847-9	5.8	158
251	A luminescent metal-organic framework constructed using a tetraphenylethene-based ligand for sensing volatile organic compounds. *Chemical Communications*, **2015**, 51, 1677-80	5.8	144
250	Aggregation-Induced Emission of Tetraarylethene Luminogens. *Current Organic Chemistry*, **2010**, 14, 2109-2132	1.7	140
249	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. *Materials Chemistry Frontiers*, **2017**, 1, 1125-1129	7.8	123
248	Purely Organic Materials with Aggregation-Induced Delayed Fluorescence for Efficient Nondoped OLEDs. *Advanced Optical Materials*, **2018**, 6, 1800264	8.1	123
247	Three polymorphs of one luminogen: how the molecular packing affects the RTP and AIE properties?. *Journal of Materials Chemistry C*, **2017**, 5, 9242-9246	7.1	123
246	A highly luminescent entangled metal-organic framework based on pyridine-substituted tetraphenylethene for efficient pesticide detection. *Chemical Communications*, **2017**, 53, 9975-9978	5.8	121
245	Creation of Bifunctional Materials: Improve Electron-Transporting Ability of Light Emitters Based on AIE-Active 2,3,4,5-Tetraphenylsiloles. *Advanced Functional Materials*, **2014**, 24, 3621-3630	15.6	118
244	Spontaneous Amino-yne Click Polymerization: A Powerful Tool toward Regio- and Stereospecific Poly(□aminoacrylate)s. *Journal of the American Chemical Society*, **2017**, 139, 5437-5443	16.4	114
243	From tetraphenylethene to tetranaphthylethene: structural evolution in AIE luminogen continues. *Chemical Communications*, **2013**, 49, 2491-3	5.8	112
242	Catalyst-Free, Atom-Economic, Multicomponent Polymerizations of Aromatic Diynes, Elemental Sulfur, and Aliphatic Diamines toward Luminescent Polythioamides. *Macromolecules*, **2015**, 48, 7747-7754	5.5	104
241	Efficient Bipolar Blue AIEgens for High-Performance Nondoped Blue OLEDs and Hybrid White OLEDs. *Advanced Functional Materials*, **2018**, 28, 1803369	15.6	103
240	Steric Hindrance, Electronic Communication, and Energy Transfer in the Photo- and Electroluminescence Processes of Aggregation-Induced Emission Luminogens. *Journal of Physical Chemistry C*, **2010**, 114, 7963-7972	3.8	102
239	Efficient Near-Infrared Photosensitizer with Aggregation-Induced Emission for Imaging-Guided Photodynamic Therapy in Multiple Xenograft Tumor Models. *ACS Nano*, **2020**, 14, 854-866	16.7	99
238	Rational design of aggregation-induced emission luminogen with weak electron donor-acceptor interaction to achieve highly efficient undoped bilayer OLEDs. *ACS Applied Materials & Interfaces*, **2014**, 6, 17215-25	9.5	98
237	Stereoselective synthesis, efficient light emission, and high bipolar charge mobility of chiasmatic luminogens. *Advanced Materials*, **2011**, 23, 5430-5	24	97
236	Oligo(maleic anhydride)s: a platform for unveiling the mechanism of clusteroluminescence of non-aromatic polymers. *Journal of Materials Chemistry C*, **2017**, 5, 4775-4779	7.1	96

235	A new luminescent metal–organic framework based on dicarboxyl-substituted tetraphenylethene for efficient detection of nitro-containing explosives and antibiotics in aqueous media. *Journal of Materials Chemistry C*, **2018**, 6, 2983-2988	7.1	93
234	Integration of aggregation-induced emission and delayed fluorescence into electronic donor–acceptor conjugates. *Journal of Materials Chemistry C*, **2016**, 4, 3705-3708	7.1	93
233	Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. *Journal of Materials Chemistry*, **2012**, 22, 4527		92
232	Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. *Journal of Materials Chemistry C*, **2014**, 2, 4320-4327	7.1	89
231	Nanocrystallization: A Unique Approach to Yield Bright Organic Nanocrystals for Biological Applications. *Advanced Materials*, **2017**, 29, 1604100	24	88
230	Type I photosensitizers based on phosphindole oxide for photodynamic therapy: apoptosis and autophagy induced by endoplasmic reticulum stress. *Chemical Science*, **2020**, 11, 3405-3417	9.4	87
229	Organic Dots Based on AIEgens for Two-Photon Fluorescence Bioimaging. *Small*, **2016**, 12, 6430-6450	11	85
228	Zigzag molecules from pyrene-modified carbazole oligomers: synthesis, characterization, and application in OLEDs. *Journal of Organic Chemistry*, **2008**, 73, 594-602	4.2	82
227	Metal-Free Multicomponent Tandem Polymerizations of Alkynes, Amines, and Formaldehyde toward Structure- and Sequence-Controlled Luminescent Polyheterocycles. *Journal of the American Chemical Society*, **2017**, 139, 5075-5084	16.4	81
226	Aggregation-induced emission and efficient solid-state fluorescence from tetraphenylethene-based N,C-chelate four-coordinate organoborons. *Chemistry - A European Journal*, **2013**, 19, 11512-7	4.8	81
225	A tetraphenylethene-based red luminophor for an efficient non-doped electroluminescence device and cellular imaging. *Journal of Materials Chemistry*, **2012**, 22, 11018		81
224	Mechanical Insights into Aggregation-Induced Delayed Fluorescence Materials with Anti-Kasha Behavior. *Advanced Science*, **2019**, 6, 1801629	13.6	80
223	Rational design of asymmetric red fluorescent probes for live cell imaging with high AIE effects and large two-photon absorption cross sections using tunable terminal groups. *Chemical Science*, **2016**, 7, 4527-4536	9.4	79
222	Drug delivery micelles with efficient near-infrared photosensitizer for combined image-guided photodynamic therapy and chemotherapy of drug-resistant cancer. *Biomaterials*, **2019**, 218, 119330	15.6	78
221	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
220	Biocompatible Green and Red Fluorescent Organic Dots with Remarkably Large Two-Photon Action Cross Sections for Targeted Cellular Imaging and Real-Time Intravital Blood Vascular Visualization. *ACS Applied Materials & Interfaces*, **2015**, 7, 14965-74	9.5	77
219	Aggregation-enhanced emission and efficient electroluminescence of tetraphenylethene-cored luminogens. *Chemical Communications*, **2013**, 49, 594-6	5.8	77
218	Multichannel conductance of folded single-molecule wires aided by through-space conjugation. *Angewandte Chemie - International Edition*, **2015**, 54, 4231-5	16.4	77

217	Efficient Red/Near-Infrared Fluorophores Based on Benzo[1,2-b:4,5-b?]dithiophene 1,1,5,5-Tetraoxide for Targeted Photodynamic Therapy and In Vivo Two-Photon Fluorescence Bioimaging. *Advanced Functional Materials*, **2018**, 28, 1706945	15.6	76
216	Structural and theoretical insights into the AIE attributes of phosphindole oxide: the balance between rigidity and flexibility. *Chemistry - A European Journal*, **2015**, 21, 4440-9	4.8	75
215	Tuning molecular emission of organic emitters from fluorescence to phosphorescence through push-pull electronic effects. *Nature Communications*, **2020**, 11, 2617	17.4	72
214	Through-Space Conjugation: A Thriving Alternative for Optoelectronic Materials. *CCS Chemistry*, **2019**, 1, 181-196	7.2	71
213	Improving Electron Mobility of Tetraphenylethene-Based AIEgens to Fabricate Nondoped Organic Light-Emitting Diodes with Remarkably High Luminance and Efficiency. *ACS Applied Materials & Interfaces*, **2016**, 8, 16799-808	9.5	70
212	Red Emissive Biocompatible Nanoparticles from Tetraphenylethene-Decorated BODIPY Luminogens for Two-Photon Excited Fluorescence Cellular Imaging and Mouse Brain Blood Vascular Visualization. *Particle and Particle Systems Characterization*, **2014**, 31, 481-491	3.1	69
211	Solution-processable stiff dendrimers: synthesis, photophysics, film morphology, and electroluminescence. *Journal of Organic Chemistry*, **2009**, 74, 383-95	4.2	69
210	AIEgens based on main group heterocycles. *Journal of Materials Chemistry C*, **2018**, 6, 11835-11852	7.1	68
209	Creation of Efficient Blue Aggregation-Induced Emission Luminogens for High-Performance Nondoped Blue OLEDs and Hybrid White OLEDs. *ACS Applied Materials & Interfaces*, **2019**, 11, 17592-17601	9.5	66
208	New AIEgens with delayed fluorescence for fluorescence imaging and fluorescence lifetime imaging of living cells. *Materials Chemistry Frontiers*, **2017**, 1, 2554-2558	7.8	66
207	Silole-Based Red Fluorescent Organic Dots for Bright Two-Photon Fluorescence In vitro Cell and In vivo Blood Vessel Imaging. *Small*, **2016**, 12, 782-92	11	66
206	A facile and versatile approach to efficient luminescent materials for applications in organic light-emitting diodes. *Chemistry - an Asian Journal*, **2012**, 7, 484-8	4.5	62
205	Construction of efficient solid emitters with conventional and AIE luminogens for blue organic light-emitting diodes. *Journal of Materials Chemistry*, **2011**, 21, 10949		62
204	A Multifunctional Blue-Emitting Material Designed via Tuning Distribution of Hybridized Excited-State for High-Performance Blue and Host-Sensitized OLEDs. *Advanced Functional Materials* , **2020**, 30, 2002323	15.6	61
203	A high therapeutic efficacy of polymeric prodrug nano-assembly for a combination of photodynamic therapy and chemotherapy. *Communications Biology*, **2018**, 1, 202	6.7	61
202	Quencher group induced high specificity detection of telomerase in clear and bloody urines by AIEgens. *Analytical Chemistry*, **2015**, 87, 9487-93	7.8	60
201	High-Performance Doping-Free Hybrid White OLEDs Based on Blue Aggregation-Induced Emission Luminogens. *ACS Applied Materials & Interfaces*, **2017**, 9, 34162-34171	9.5	59
200	Synthesis, structure, aggregation-induced emission, self-assembly, and electron mobility of 2,5-bis(triphenylsilylethynyl)-3,4-diphenylsiloles. *Chemistry - A European Journal*, **2011**, 17, 5998-6008	4.8	59

199	2,5-difluorenyl-substituted siloles for the fabrication of high-performance yellow organic light-emitting diodes. *Chemistry - A European Journal*, **2014**, 20, 1931-9	4.8	58
198	Targeted imaging of EGFR overexpressed cancer cells by brightly fluorescent nanoparticles conjugated with cetuximab. *Nanoscale*, **2016**, 8, 15027-32	7.7	57
197	Synergistic tuning of the optical and electrical performance of AIEgens with a hybridized local and charge-transfer excited state. *Journal of Materials Chemistry C*, **2019**, 7, 6359-6368	7.1	55
196	A Multifunctional Bipolar Luminogen with Delayed Fluorescence for High-Performance Monochromatic and Color-Stable Warm-White OLEDs. *Advanced Functional Materials*, **2020**, 30, 2000019	15.6	55
195	Specific discrimination of gram-positive bacteria and direct visualization of its infection towards mammalian cells by a DPAN-based AIEgen. *Biomaterials*, **2018**, 187, 47-54	15.6	54
194	Oligo(2,7-fluorene ethynylene)s with pyrene moieties: synthesis, characterization, photoluminescence, and electroluminescence. *Journal of Organic Chemistry*, **2007**, 72, 8345-53	4.2	53
193	Stereoselective synthesis of folded luminogens with arene-arene stacking interactions and aggregation-enhanced emission. *Chemical Communications*, **2014**, 50, 1131-3	5.8	51
192	Heavy Atom Effect of Bromine Significantly Enhances Exciton Utilization of Delayed Fluorescence Luminogens. *ACS Applied Materials & Interfaces*, **2018**, 10, 17327-17334	9.5	50
191	Insight into the strong aggregation-induced emission of low-conjugated racemic C6-unsubstituted tetrahydropyrimidines through crystal-structure-property relationship of polymorphs. *Chemical Science*, **2015**, 6, 4690-4697	9.4	49
190	Using the isotope effect to probe an aggregation induced emission mechanism: theoretical prediction and experimental validation. *Chemical Science*, **2016**, 7, 5573-5580	9.4	49
189	Multicomponent Tandem Reactions and Polymerizations of Alkynes, Carbonyl Chlorides, and Thiols. *Macromolecules*, **2015**, 48, 1941-1951	5.5	48
188	Robust Red Organic Nanoparticles for In Vivo Fluorescence Imaging of Cancer Cell Progression in Xenografted Zebrafish. *Advanced Functional Materials*, **2017**, 27, 1701418	15.6	48
187	Sky-blue nondoped OLEDs based on new AIEgens: ultrahigh brightness, remarkable efficiency and low efficiency roll-off. *Materials Chemistry Frontiers*, **2017**, 1, 176-180	7.8	48
186	Universal Bipolar Host Materials for Blue, Green, and Red Phosphorescent OLEDs with Excellent Efficiencies and Small-Efficiency Roll-Off. *ACS Applied Materials & Interfaces*, **2019**, 11, 27134-27144	9.5	47
185	Excellent n-type light emitters based on AIE-active silole derivatives for efficient simplified organic light-emitting diodes. *Journal of Materials Chemistry C*, **2018**, 6, 3690-3698	7.1	47
184	Cu(I)-Catalyzed amino-yne click polymerization. *Polymer Chemistry*, **2016**, 7, 7375-7382	4.9	46
183	Highly Efficient Nondoped OLEDs with Negligible Efficiency Roll-Off Fabricated from Aggregation-Induced Delayed Fluorescence Luminogens. *Angewandte Chemie*, **2017**, 129, 13151-13156	3.6	46
182	High hole mobility of 1,2-bis[4-(diphenylamino)biphenyl-4-yl]-1,2-diphenylethene in field effect transistor. *Chemical Communications*, **2011**, 47, 6924-6	5.8	46

181	Ratiometric Fluorescent Bioprobe for Highly Reproducible Detection of Telomerase in Bloody Urines of Bladder Cancer Patients. *ACS Sensors*, **2016**, 1, 572-578	9.2	45
180	Conjugation versus rotation: good conjugation weakens the aggregation-induced emission effect of siloles. *Chemical Communications*, **2014**, 50, 4500-3	5.8	45
179	Unusual Aggregation-Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. *Angewandte Chemie*, **2015**, 127, 14700-14705	3.6	44
178	Gigantic two-photon absorption cross sections and strong two-photon excited fluorescence in pyrene core dendrimers with fluorene/carbazole as dendrons and acetylene as linkages. *Journal of Physical Chemistry B*, **2010**, 114, 11737-45	3.4	44
177	Fluorescence visualization of crystal formation and transformation processes of organic luminogens with crystallization-induced emission characteristics. *Materials Chemistry Frontiers*, **2018**, 2, 180-188	7.8	43
176	The synthesis of novel AIE emitters with the triphenylethene-carbazole skeleton and para-/meta-substituted arylboron groups and their application in efficient non-doped OLEDs. *Journal of Materials Chemistry C*, **2016**, 4, 1228-1237	7.1	41
175	Structural Modulation of Solid-State Emission of 2,5-Bis(trialkylsilylethynyl)-3,4-diphenylsiloles. *Angewandte Chemie*, **2009**, 121, 7744-7747	3.6	41
174	Improving Image-Guided Surgical and Immunological Tumor Treatment Efficacy by Photothermal and Photodynamic Therapies Based on a Multifunctional NIR AIEgen. *Advanced Materials*, **2021**, 33, e2101158	24	41
173	In situ encapsulation of pyridine-substituted tetraphenylethene cations in metal–organic framework for the detection of antibiotics in aqueous medium. *Journal of Materials Chemistry C*, **2019**, 7, 8383-8388	7.1	39
172	Tumor-Triggered Disassembly of a Multiple-Agent-Therapy Probe for Efficient Cellular Internalization. *Angewandte Chemie - International Edition*, **2020**, 59, 20405-20410	16.4	39
171	Self-Guiding Polymeric Prodrug Micelles with Two Aggregation-Induced Emission Photosensitizers for Enhanced Chemo-Photodynamic Therapy. *ACS Nano*, **2021**, 15, 3026-3037	16.7	39
170	Aggregation-Induced Emission-Responsive Metal–Organic Frameworks. *Chemistry of Materials*, **2020**, 32, 6706-6720	9.6	38
169	Superbase catalyzed regio-selective polyhydroalkoxylation of alkynes: a facile route towards functional poly(vinyl ether)s. *Polymer Chemistry*, **2017**, 8, 2713-2722	4.9	37
168	Oxidation-enhanced emission: exploring novel AIEgens from thieno[3,2-b]thiophene S,S-dioxide. *Journal of Materials Chemistry C*, **2017**, 5, 960-968	7.1	37
167	New Aggregation-Induced Delayed Fluorescence Luminogens With Through-Space Charge Transfer for Efficient Non-doped OLEDs. *Frontiers in Chemistry*, **2019**, 7, 199	5	37
166	Fluorescent conjugated dendrimers with fluorinated terminal groups: nanofiber formation and electroluminescence properties. *Organic Letters*, **2008**, 10, 3041-4	6.2	37
165	Electronic effect on the optical properties and sensing ability of AIEgens with ESIPT process based on salicylaldehyde azine. *Science China Chemistry*, **2018**, 61, 76-87	7.9	36
164	Robust luminescent small molecules with aggregation-induced delayed fluorescence for efficient solution-processed OLEDs. *Journal of Materials Chemistry C*, **2019**, 7, 330-339	7.1	35

163	Remarkable Multichannel Conductance of Novel Single-Molecule Wires Built on Through-Space Conjugated Hexaphenylbenzene. *Nano Letters*, **2018**, 18, 4200-4205	11.5	35
162	Aggregation-Induced Delayed Fluorescence Luminogens with Accelerated Reverse Intersystem Crossing for High-Performance OLEDs **2019**, 1, 613-619		35
161	High Fluorescence Efficiencies and Large Stokes Shifts of Folded Fluorophores Consisting of a Pair of Alkenyl-Tethered, Stacked Oligo-p-phenylenes. *Organic Letters*, **2015**, 17, 6174-7	6.2	35
160	Intriguing "chameleon" fluorescent bioprobes for the visualization of lipid droplet-lysosome interplay. *Biomaterials*, **2019**, 203, 43-51	15.6	35
159	Steric, conjugation and electronic impacts on the photoluminescence and electroluminescence properties of luminogens based on phosphindole oxide. *Journal of Materials Chemistry C*, **2017**, 5, 1836-1842	7.1	34
158	A novel aggregation-induced emission platform from 2,3-diphenylbenzo[b]thiophene S,S-dioxide. *Chemical Communications*, **2017**, 53, 1463-1466	5.8	34
157	Tetrathienylethene based red aggregation-enhanced emission probes: super red-shifted mechanochromic behavior and highly photostable cell membrane imaging. *Materials Chemistry Frontiers*, **2018**, 2, 1126-1136	7.8	33
156	Aggregation-induced emission and the working mechanism of 1-benzoyl and 1-benzyl pyrene derivatives. *Physical Chemistry Chemical Physics*, **2018**, 20, 9922-9929	3.6	33
155	Synthesis of 1,5-regioregular polytriazoles by efficient NMe4OH-mediated azide–alkyne click polymerization. *Polymer Chemistry*, **2015**, 6, 5545-5549	4.9	33
154	Deep blue fluorescent 2,5-bis(phenylsilyl)-substituted 3,4-diphenylsiloles: Synthesis, structure and aggregation-induced emission. *Dyes and Pigments*, **2013**, 99, 520-525	4.6	32
153	Dual-fluorescent donor-acceptor dyad with tercarbazole donor and switchable imide acceptor: promising structure for an integrated logic gate. *Organic Letters*, **2007**, 9, 547-50	6.2	32
152	The marriage of AIE and interface engineering: convenient synthesis and enhanced photovoltaic performance. *Chemical Science*, **2017**, 8, 3750-3758	9.4	31
151	Modulation of aggregation-induced emission and electroluminescence of silole derivatives by a covalent bonding pattern. *Chemistry - A European Journal*, **2015**, 21, 8137-47	4.8	31
150	Promising applications of aggregation-induced emission luminogens in organic optoelectronic devices. *PhotoniX*, **2020**, 1,	19	31
149	MnO-DNAzyme-photosensitizer nanocomposite with AIE characteristic for cell imaging and photodynamic-gene therapy. *Talanta*, **2019**, 202, 591-599	6.2	30
148	Solution-processable, star-shaped bipolar tetraphenylethene derivatives for the fabrication of efficient nondoped OLEDs. *Journal of Materials Chemistry C*, **2016**, 4, 2775-2783	7.1	30
147	Silole-containing poly(silylenevinylene)s: Synthesis, characterization, aggregation-enhanced emission, and explosive detection. *Journal of Polymer Science Part A*, **2012**, 50, 2265-2274	2.5	30
146	Luminescent aggregates of a starburst silole-triphenylamine adduct for sensitive explosive detection. *Dyes and Pigments*, **2011**, 91, 258-263	4.6	30

145	Introductory lecture: recent research progress on aggregation-induced emission. *Faraday Discussions*, **2017**, 196, 9-30	3.6	29
144	Multicomponent Tandem Polymerizations of Aromatic Diynes, Terephthaloyl Chloride, and Hydrazines toward Functional Conjugated Polypyrazoles. *Macromolecules*, **2016**, 49, 9291-9300	5.5	29
143	Dimesitylboryl-functionalized tetraphenylethene derivatives: efficient solid-state luminescent materials with enhanced electron-transporting ability for nondoped OLEDs. *Journal of Materials Chemistry C*, **2016**, 4, 5241-5247	7.1	29
142	Light up detection of heparin based on aggregation-induced emission and synergistic counter ion displacement. *Chemical Communications*, **2017**, 53, 4795-4798	5.8	28
141	Piezochromic luminescent and electroluminescent materials comprised of tetraphenylethene plus spirobifluorene or 9,9-diphenylfluorene. *Dyes and Pigments*, **2014**, 106, 87-93	4.6	28
140	Bright Aggregation-Induced Emission Nanoparticles for Two-Photon Imaging and Localized Compound Therapy of Cancers. *ACS Nano*, **2020**,	16.7	28
139	Bright and biocompatible AIE polymeric nanoparticles prepared from miniemulsion for fluorescence cell imaging. *Polymer Chemistry*, **2016**, 7, 5571-5578	4.9	28
138	Realizing Record-High Electroluminescence Efficiency of 31.5 % for Red Thermally Activated Delayed Fluorescence Molecules. *Angewandte Chemie - International Edition*, **2021**, 60, 23635-23640	16.4	28
137	Efficient red AIEgens based on tetraphenylethene: synthesis, structure, photoluminescence and electroluminescence. *Journal of Materials Chemistry C*, **2018**, 6, 5900-5907	7.1	27
136	Facile preparation of non-self-quenching fluorescent DNA strands with the degree of labeling up to the theoretic limit. *Chemical Communications*, **2012**,	5.8	27
135	Synthesis, aggregation-enhanced emission, polymorphism and piezochromism of TPE-cored foldamers with through-space conjugation. *Chemical Communications*, **2016**, 52, 10842-5	5.8	26
134	High-contrast luminescence dependent on polymorphism and mechanochromism of AIE-active (4-(phenothiazin-10-yl)phenyl)(pyren-1-yl)methanone. *Journal of Materials Chemistry C*, **2020**, 8, 2460-2466	7.1	26
133	Photomechanical Luminescence from Through-Space Conjugated AIEgens. *Angewandte Chemie - International Edition*, **2020**, 59, 8828-8832	16.4	26
132	Aggregation-Induced Delayed Fluorescence Luminogens for Efficient Organic Light-Emitting Diodes. *Chemistry - an Asian Journal*, **2019**, 14, 828-835	4.5	26
131	Toward Achieving Single-Molecule White Electroluminescence from Dual Emission of Fluorescence and Phosphorescence. *Chemistry of Materials*, **2020**, 32, 4038-4044	9.6	26
130	New fluorescent through-space conjugated polymers: synthesis, optical properties and explosive detection. *Polymer Chemistry*, **2018**, 9, 558-564	4.9	26
129	Modular Peptide Probe for Pre/Intra/Postoperative Therapeutic to Reduce Recurrence in Ovarian Cancer. *ACS Nano*, **2020**, 14, 14698-14714	16.7	25
128	High-Performance Non-doped OLEDs with Nearly 100 % Exciton Use and Negligible Efficiency Roll-Off. *Angewandte Chemie*, **2018**, 130, 9434-9438	3.6	25

127	Naphthalene-substituted 2,3,4,5-tetraphenylsiloles: synthesis, structure, aggregation-induced emission and efficient electroluminescence. *Journal of Materials Chemistry*, **2012**, 22, 20266		24
126	AIE conjugated polyelectrolytes based on tetraphenylethene for efficient fluorescence imaging and lifetime imaging of living cells. *Polymer Chemistry*, **2017**, 8, 3862-3866	4.9	23
125	An Effective Design Strategy for Robust Aggregation-Induced Delayed Fluorescence Luminogens to Improve Efficiency Stability of Nondoped and Doped OLEDs. *Advanced Optical Materials*, **2020**, 8, 2001027	8.1	23
124	3,4-Donor- and 2,5-acceptor-functionalized dipolar siloles: synthesis, structure, photoluminescence and electroluminescence. *Journal of Materials Chemistry C*, **2017**, 5, 4867-4874	7.1	22
123	Di(naphthalen-2-yl)-1,2-diphenylethene-based conjugated polymers: aggregation-enhanced emission and explosive detection. *Polymer Chemistry*, **2015**, 6, 7641-7645	4.9	22
122	Synthesis, structure, photoluminescence, and electroluminescence of siloles that contain planar fluorescent chromophores. *Chemistry - an Asian Journal*, **2014**, 9, 2937-45	4.5	22
121	Red fluorescent siloles with aggregation-enhanced emission characteristics. *Science China Chemistry*, **2016**, 59, 699-706	7.9	22
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