

Zujin Zhao

List of Publications by Year in Descending Order

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

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	Aggregation-induced delayed fluorescence molecules with mechanochromic behaviors for efficient blue organic light-emitting diodes. <i>Cell Reports Physical Science</i> , 2022 , 3, 100733	6.1	0
269	Multicomponent double Mannich alkylation involving C(sp)-H and benzylic C(sp)-H bonds.. <i>Nature Communications</i> , 2022 , 13, 435	17.4	3
268	Synthesis of Uniform Polymer Encapsulated Organic Nanocrystals through Ouzo Nanocrystallization (Small Methods 1/2022). <i>Small Methods</i> , 2022 , 6, 2270004	12.8	
267	Aggregation-induced delayed fluorescence 2022 , 91-115		
266	Robust Luminescent Molecules with High-Level Reverse Intersystem Crossing for Efficient Near Ultraviolet Organic Light-Emitting Diodes.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	5
265	Creating efficient delayed fluorescence luminogens with acridine-based spiro donors to improve horizontal dipole orientation for high-performance OLEDs. <i>Chemical Engineering Journal</i> , 2022 , 435, 134934	14.7	4
264	Circularly polarized luminescent 4, 4'-bicarbazole scaffold for facile construction of chiroptical probes. <i>Dyes and Pigments</i> , 2022 , 198, 109969	4.6	1
263	Synthesis of Uniform Polymer Encapsulated Organic Nanocrystals through Ouzo Nanocrystallization.. <i>Small Methods</i> , 2022 , 6, e2100808	12.8	2
262	Development and application of Diels-Alder adducts displaying AIE properties. <i>Cell Reports Physical Science</i> , 2022 , 3, 100766	6.1	0
261	Through-Space Conjugated Electron Transport Materials for Improving Efficiency and Lifetime of Organic Light-Emitting Diodes.. <i>Advanced Science</i> , 2022 , e2200374	13.6	1
260	Effective Therapy of Drug-Resistant Bacterial Infection by Killing Planktonic Bacteria and Destructing Biofilms with Cationic Photosensitizer Based on Phosphindole Oxide.. <i>Small</i> , 2022 , e2200743	11	4
259	Aggregation-induced Delayed Fluorescence 2022 , 221-250		1
258	9,10-Phenanthrenequinone: A Promising Kernel to Develop Multifunctional Antitumor Systems for Efficient Type I Photodynamic and Photothermal Synergistic Therapy. <i>ACS Nano</i> , 2021 ,	16.7	5
257	Aggregation-induced emission luminogens for image-guided surgery in non-human primates. <i>Nature Communications</i> , 2021 , 12, 6485	17.4	6
256	Excellent quantum yield enhancement in luminescent metal-organic layer for sensitive detection of antibiotics in aqueous medium. <i>Dyes and Pigments</i> , 2021 , 198, 109961	4.6	1
255	Controlling the thermally activated delayed fluorescence of axially chiral organic emitters and their racemate for information encryption.. <i>Chemical Science</i> , 2021 , 12, 15556-15562	9.4	3
254	Bottom-up modular synthesis of well-defined oligo(arylfuran)s. <i>Nature Communications</i> , 2021 , 12, 6165	17.4	2

253	Boosting external quantum efficiency to 38.6% of sky-blue delayed fluorescence molecules by optimizing horizontal dipole orientation. <i>Science Advances</i> , 2021 , 7, eabj2504	14.3	10
252	A cell membrane-anchored nanoassembly with self-reporting property for enhanced second near-infrared photothermal therapy. <i>Nano Today</i> , 2021 , 41, 101312	17.9	3
251	Circularly Polarized Luminescence of Achiral Metal-Organic Colloids and Guest Molecules in a Vortex Field. <i>Chemistry - A European Journal</i> , 2021 , 27, 6760-6766	4.8	4
250	Giant single-molecule conductance enhancement achieved by strengthening through-space conjugation with thienyls. <i>Cell Reports Physical Science</i> , 2021 , 2, 100364	6.1	2
249	Construction of magnetic-fluorescent bifunctional nanoparticles via miniemulsion polymerization for cell imaging. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 613, 126062	5.1	5
248	Efficient Sky-Blue Bipolar Delayed Fluorescence Luminogen for High-Performance Single Emissive Layer WOLEDs. <i>Advanced Optical Materials</i> , 2021 , 9, 2002019	8.1	8
247	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	11.58	4 ¹
246	High-Performance Hybrid White OLEDs with Ultra-Stable Emission Color and Small Efficiency Roll-Off Achieved by Incorporating a Deep-Blue Fluorescent Neat Film. <i>Advanced Optical Materials</i> , 2021 , 9, 2100298	8.1	6
245	Achieving High Electroluminescence Efficiency and High Color Rendering Index for All-Fluorescent White OLEDs Based on an Out-of-Phase Sensitizing System. <i>Advanced Functional Materials</i> , 2021 , 31, 2103273	15.6	12
244	Dynamic Photochromic Polymer Nanoparticles Based on Matrix-Dependent Förster Resonance Energy Transfer and Aggregation-Induced Emission Properties. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 33574-33583	9.5	8
243	Highly cross-linked polymeric nanoparticles with aggregation-induced emission for sensitive and recyclable explosive detection. <i>Dyes and Pigments</i> , 2021 , 191, 109369	4.6	4
242	Deep-blue organic light-emitting diodes based on push-pull extended imidazole-fluorene hybrids. <i>Dyes and Pigments</i> , 2021 , 184, 108754	4.6	9
241	Twisted Biphenyl-Diimide Derivatives with Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence for High Performance OLEDs. <i>Advanced Optical Materials</i> , 2021 , 9, 2001764	8.1	7
240	Anthracene-based bipolar deep-blue emitters for efficient white OLEDs with ultra-high stabilities of emission color and efficiency. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 5198-5205	7.1	7
239	Turn-On Circularly Polarized Luminescence in Metal-Organic Frameworks. <i>Advanced Optical Materials</i> , 2021 , 9, 2002096	8.1	15
238	Multifunctional Bipolar Materials Serving as Emitters for Efficient Deep-Blue Fluorescent OLEDs and as Hosts for Phosphorescent and White OLEDs. <i>Advanced Optical Materials</i> , 2021 , 9, 2001840	8.1	14
237	Nitrogen-Rich Tetraphenylethene-Based Luminescent Metal-Organic Framework for Efficient Detection of Carcinogens. <i>ACS Omega</i> , 2021 , 6, 2177-2183	3.9	3
236	Bipolar Arylsilane: Synthesis, Photoelectronic Properties, and High-Performance Deep Blue Organic Light-Emitting Diodes. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 422-429	4	13

235	Delocalized Excitation or Intramolecular Energy Transfer in Pyrene Core Dendrimers. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 7717-7725	6.4	1
234	Colour-tunable dual-mode afterglows and helical-array-induced mechanoluminescence from AIE enantiomers: Effects of molecular arrangement on formation and decay of excited states. <i>Chemical Engineering Journal</i> , 2021 , 418, 129167	14.7	15
233	Bipolar Molecules with Hybridized Local and Charge-Transfer State for Highly Efficient Deep-Blue Organic Light-Emitting Diodes with EQE of 7.4% and CIEy ₂ = 0.05. <i>Advanced Optical Materials</i> , 2021 , 9, 2100965	8.1	6
232	Robust tetrakisarylsilyl substituted spirobifluorene: Synthesis and application as universal host for blue to red electrophosphorescence. <i>Dyes and Pigments</i> , 2021 , 194, 109550	4.6	1
231	Realizing Record-High Electroluminescence Efficiency of 31.5 % for Red Thermally Activated Delayed Fluorescence Molecules. <i>Angewandte Chemie</i> , 2021 , 133, 23827	3.6	5
230	Realizing Record-High Electroluminescence Efficiency of 31.5 % for Red Thermally Activated Delayed Fluorescence Molecules. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23635-23640	16.4	28
229	Iodization-enhanced fluorescence and circularly polarized luminescence for dual-readout probe design. <i>Sensors and Actuators B: Chemical</i> , 2021 , 347, 130610	8.5	1
228	Conformation-dependent mechanochromic delayed fluorescence of AIE-active tetra-coordinated B ₁₀ complexes. <i>Dyes and Pigments</i> , 2021 , 196, 109776	4.6	6
227	Novel aggregation-induced delayed fluorescence luminogens for vacuum-deposited and solution-processed OLEDs with very small efficiency roll-offs. <i>Organic Electronics</i> , 2021 , 99, 106339	3.5	1
226	Highly efficient deep-blue fluorescent OLEDs based on anthracene derivatives with a triplet-triplet annihilation mechanism. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 6978-6986	7.8	6
225	Self-Guiding Polymeric Prodrug Micelles with Two Aggregation-Induced Emission Photosensitizers for Enhanced Chemo-Photodynamic Therapy. <i>ACS Nano</i> , 2021 , 15, 3026-3037	16.7	39
224	An organic microlaser based on an aggregation-induced emission fluorophore for tensile strain sensing. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 4888-4894	7.1	1
223	Aggregation-induced delayed fluorescence luminogens: the innovation of purely organic emitters for aqueous electrochemiluminescence. <i>Chemical Science</i> , 2021 , 12, 13283-13291	9.4	6
222	AIE-active 9,10-azaboraphenanthrene-containing viologens for reversible electrochromic and electrofluorochromic applications. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 4128-4137	7.8	2
221	Mechanical single-molecule potentiometers with large switching factors from ortho-pentaphenylene foldamers. <i>Nature Communications</i> , 2021 , 12, 167	17.4	12
220	High-Performance Orange-Red Organic Light-Emitting Diodes with External Quantum Efficiencies Reaching 33.5% based on Carbonyl-Containing Delayed Fluorescence Molecules.. <i>Advanced Science</i> , 2021 , e2104435	13.6	7
219	Tuning molecular emission of organic emitters from fluorescence to phosphorescence through push-pull electronic effects. <i>Nature Communications</i> , 2020 , 11, 2617	17.4	72
218	Efficient aggregation-induced delayed fluorescent materials based on bipolar carrier transport materials for the fabrication of high-performance nondoped OLEDs with very small efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9549-9557	7.1	14

217	Stimuli-Responsive Aggregation-Induced Delayed Fluorescence Emitters Featuring the Asymmetric D-A Structure with a Novel Diarylketone Acceptor Toward Efficient OLEDs with Negligible Efficiency Roll-Off. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 29528-29539	9.5	4
216	Tetraphenylethene-based polymeric fluorescent probes for 2,4,6-trinitrophenol detection and specific lysosome labelling. <i>Dyes and Pigments</i> , 2020 , 182, 108588	4.6	5
215	Bis(hexamethylazatriangulene)sulfone: a high-stability deep blue-violet fluorophore with 100% quantum yield and CIEy <i>Journal of Materials Chemistry C</i> , 2020 , 8, 5150-5155	7.1	13
214	A Multifunctional Blue-Emitting Material Designed via Tuning Distribution of Hybridized Excited-State for High-Performance Blue and Host-Sensitized OLEDs. <i>Advanced Functional Materials</i> , 2020 , 30, 2002323	15.6	61
213	A Multifunctional Bipolar Luminogen with Delayed Fluorescence for High-Performance Monochromatic and Color-Stable Warm-White OLEDs. <i>Advanced Functional Materials</i> , 2020 , 30, 2000019	15.6	55
212	Type I photosensitizers based on phosphindole oxide for photodynamic therapy: apoptosis and autophagy induced by endoplasmic reticulum stress. <i>Chemical Science</i> , 2020 , 11, 3405-3417	9.4	87
211	Multicolor AIE polymeric nanoparticles prepared via miniemulsion polymerization for inkjet printing. <i>Dyes and Pigments</i> , 2020 , 177, 108287	4.6	20
210	Achieving Efficient Multichannel Conductance in Through-Space Conjugated Single-Molecule Parallel Circuits. <i>Angewandte Chemie</i> , 2020 , 132, 4611-4618	3.6	3
209	Nanococktail Based on AIEgens and Semiconducting Polymers: A Single Laser Excited Image-Guided Dual Photothermal Therapy. <i>Theranostics</i> , 2020 , 10, 2260-2272	12.1	16
208	Achieving Efficient Multichannel Conductance in Through-Space Conjugated Single-Molecule Parallel Circuits. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4581-4588	16.4	18
207	Efficient Aggregation-Induced Delayed Fluorescence Luminogens for Solution-Processed OLEDs With Small Efficiency Roll-Off. <i>Frontiers in Chemistry</i> , 2020 , 8, 193	5	12
206	Twisted donor-acceptor molecules for efficient deep blue electroluminescence with CIEy ~ 0.06. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 9401-9409	7.1	12
205	Promising Applications of AIEgens in Animal Models. <i>Small Methods</i> , 2020 , 4, 1900583	12.8	17
204	Towards white-light emission of fluorescent polymeric nanoparticles with a single luminogen possessing AIE and TICT properties. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 734-741	7.1	21
203	AEE-active conjugated polymers based on di(naphthalen-2-yl)-1,2-diphenylethene for sensitive fluorescence detection of picric acid. <i>Dyes and Pigments</i> , 2020 , 174, 108041	4.6	13
202	High-contrast luminescence dependent on polymorphism and mechanochromism of AIE-active (4-(phenothiazin-10-yl)phenyl)(pyren-1-yl)methanone. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2460-2466	7.1	26
201	Photomechanical Luminescence from Through-Space Conjugated AIEgens. <i>Angewandte Chemie</i> , 2020 , 132, 8913-8917	3.6	4
200	Efficient Near-Infrared Photosensitizer with Aggregation-Induced Emission for Imaging-Guided Photodynamic Therapy in Multiple Xenograft Tumor Models. <i>ACS Nano</i> , 2020 , 14, 854-866	16.7	99

199	Photomechanical Luminescence from Through-Space Conjugated AIEgens. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8828-8832	16.4	26
198	Bis(trimethylsilyl)phenyl-bridged D-A molecules: Synthesis, spectroscopic properties and for achieving deep-blue emitting materials. <i>Dyes and Pigments</i> , 2020 , 174, 108063	4.6	7
197	Aggregation-induced emission based on a fluorinated macrocycle: visualizing spontaneous and ultrafast solid-state molecular motions at room temperature via F π F interactions. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 14919-14924	7.1	3
196	Aggregation-Induced Emission-Responsive Metal-Organic Frameworks. <i>Chemistry of Materials</i> , 2020 , 32, 6706-6720	9.6	38
195	Tetraphenylethene-Based Luminescent Metal-Organic Framework for Effective Differentiation of Isomers. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35266-35272	9.5	1
194	9,9-Dimethyl-9,10-dihydroacridine functionalized phosphoindole oxides with AIE property for OLED application. <i>Journal of Information Display</i> , 2020 , 21, 139-147	4.1	1
193	Modular Peptide Probe for Pre/Intra/Postoperative Therapeutic to Reduce Recurrence in Ovarian Cancer. <i>ACS Nano</i> , 2020 , 14, 14698-14714	16.7	25
192	Bright Aggregation-Induced Emission Nanoparticles for Two-Photon Imaging and Localized Compound Therapy of Cancers. <i>ACS Nano</i> , 2020 ,	16.7	28
191	Tumor-Triggered Disassembly of a Multiple-Agent-Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20405-20410	16.4	39
190	Tumor-Triggered Disassembly of a Multiple-Agent-Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie</i> , 2020 , 132, 20585-20590	3.6	5
189	Red AIE conjugated polyelectrolytes for long-term tracing and image-guided photodynamic therapy of tumors. <i>Science China Chemistry</i> , 2020 , 63, 1815-1824	7.9	13
188	An Effective Design Strategy for Robust Aggregation-Induced Delayed Fluorescence Luminogens to Improve Efficiency Stability of Nondoped and Doped OLEDs. <i>Advanced Optical Materials</i> , 2020 , 8, 2001027	8.1	23
187	Truncated Face-Rotating Polyhedra Constructed from Pentagonal Pentaphenylpyrrole through Graph Theory. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16223-16228	16.4	9
186	Promising applications of aggregation-induced emission luminogens in organic optoelectronic devices. <i>Photonix</i> , 2020 , 1,	19	31
185	Biphenyl Diimide Based Novel Blue Emitters with Aggregation-Induced Blue-Shifted Emission Characteristics. <i>ChemPhotoChem</i> , 2020 , 4, 59-67	3.3	4
184	Toward Achieving Single-Molecule White Electroluminescence from Dual Emission of Fluorescence and Phosphorescence. <i>Chemistry of Materials</i> , 2020 , 32, 4038-4044	9.6	26
183	Robust luminescent small molecules with aggregation-induced delayed fluorescence for efficient solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 330-339	7.1	35
182	In situ encapsulation of pyridine-substituted tetraphenylethene cations in metal-organic framework for the detection of antibiotics in aqueous medium. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 8383-8388	7.1	39

181	Assembly of 1-isoindole derivatives by selective carbon-nitrogen triple bond activation: access to aggregation-induced emission fluorophores for lipid droplet imaging. <i>Chemical Science</i> , 2019 , 10, 7076-7081	8.4	14
180	MnO-DNAzyme-photosensitizer nanocomposite with AIE characteristic for cell imaging and photodynamic-gene therapy. <i>Talanta</i> , 2019 , 202, 591-599	6.2	30
179	Aggregation-Induced Delayed Fluorescence. <i>ChemPhotoChem</i> , 2019 , 3, 993-999	3.3	18
178	Creation of Efficient Blue Aggregation-Induced Emission Luminogens for High-Performance Nondoped Blue OLEDs and Hybrid White OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 17592-17601	2.5	66
177	Synergistic tuning of the optical and electrical performance of AIEgens with a hybridized local and charge-transfer excited state. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6359-6368	7.1	55
176	Through-Space Conjugation: An Effective Strategy for Stabilizing Intramolecular Charge-Transfer States. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2648-2656	6.4	18
175	New Aggregation-Induced Delayed Fluorescence Luminogens With Through-Space Charge Transfer for Efficient Non-doped OLEDs. <i>Frontiers in Chemistry</i> , 2019 , 7, 199	5	37
174	Tetraphenylpyrazine decorated 1,3-di(9H-carbazol-9-yl)benzene (mCP): a new AIE-active host with enhanced performance in organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11160-11166	7.1	166 ³
173	Cell-penetrating peptide modified AIE polymeric nanoparticles by miniemulsion polymerization and application for cell fluorescence imaging. <i>Polymer Chemistry</i> , 2019 , 10, 4220-4228	4.9	20
172	Drug delivery micelles with efficient near-infrared photosensitizer for combined image-guided photodynamic therapy and chemotherapy of drug-resistant cancer. <i>Biomaterials</i> , 2019 , 218, 119330	15.6	78
171	Universal Bipolar Host Materials for Blue, Green, and Red Phosphorescent OLEDs with Excellent Efficiencies and Small-Efficiency Roll-Off. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27134-27144	9.5	47
170	Aggregation-Induced Delayed Fluorescence Luminogens with Accelerated Reverse Intersystem Crossing for High-Performance OLEDs 2019 , 1, 613-619		35
169	Through-Space Conjugation: A Thriving Alternative for Optoelectronic Materials. <i>CCS Chemistry</i> , 2019 , 1, 181-196	7.2	71
168	Intriguing "chameleon" fluorescent bioprobes for the visualization of lipid droplet-lysosome interplay. <i>Biomaterials</i> , 2019 , 203, 43-51	15.6	35
167	Design and performance study of high efficiency/low efficiency roll-off/high CRI hybrid WOLEDs based on aggregation-induced emission materials as fluorescent emitters. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 2652-2658	7.8	13
166	New carbazole-substituted siloles for the fabrication of efficient non-doped OLEDs. <i>Chinese Chemical Letters</i> , 2019 , 30, 592-596	8.1	9
165	Aggregation-Induced Delayed Fluorescence Luminogens for Efficient Organic Light-Emitting Diodes. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 828-835	4.5	26
164	Mechanical Insights into Aggregation-Induced Delayed Fluorescence Materials with Anti-Kasha Behavior. <i>Advanced Science</i> , 2019 , 6, 1801629	13.6	80

163	Efficient synthesis of high solid content emulsions of AIE polymeric nanoparticles with tunable brightness and surface functionalization through miniemulsion polymerization. <i>Dyes and Pigments</i> , 2019 , 163, 371-380	4.6	15
162	Highly Efficient Circularly Polarized Electroluminescence from Aggregation-Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2018 , 28, 1800051	15.6	209
161	Tetrathienylethene based red aggregation-enhanced emission probes: super red-shifted mechanochromic behavior and highly photostable cell membrane imaging. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1126-1136	7.8	33
160	A new luminescent metal-organic framework based on dicarboxyl-substituted tetraphenylethene for efficient detection of nitro-containing explosives and antibiotics in aqueous media. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 2983-2988	7.1	93
159	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. <i>Advanced Functional Materials</i> , 2018 , 28, 1706945	15.6	76
158	A new blue AIEgen based on tetraphenylethene with multiple potential applications in fluorine ion sensors, mechanochromism, and organic light-emitting diodes. <i>New Journal of Chemistry</i> , 2018 , 42, 4089-4094	3.6	18
157	A water-soluble, AIE-active polyelectrolyte for conventional and fluorescence lifetime imaging of mouse neuroblastoma neuro-2A cells. <i>Journal of Polymer Science Part A</i> , 2018 , 56, 672-680	2.5	5
156	Heavy Atom Effect of Bromine Significantly Enhances Exciton Utilization of Delayed Fluorescence Luminogens. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 17327-17334	9.5	50
155	Efficient red AIEgens based on tetraphenylethene: synthesis, structure, photoluminescence and electroluminescence. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 5900-5907	7.1	27
154	Aggregation-induced emission and the working mechanism of 1-benzoyl and 1-benzyl pyrene derivatives. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 9922-9929	3.6	33
153	Synthesis, structure, photoluminescence and photochromism of phosphindole oxide and benzo[b]thiophene S,S-dioxide derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 355, 274-282	4.7	5
152	Efficient Bipolar Blue AIEgens for High-Performance Nondoped Blue OLEDs and Hybrid White OLEDs. <i>Advanced Functional Materials</i> , 2018 , 28, 1803369	15.6	103
151	AIEgens based on main group heterocycles. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 11835-11852	7.1	68
150	Purely Organic Materials with Aggregation-Induced Delayed Fluorescence for Efficient Nondoped OLEDs. <i>Advanced Optical Materials</i> , 2018 , 6, 1800264	8.1	123
149	Remarkable Multichannel Conductance of Novel Single-Molecule Wires Built on Through-Space Conjugated Hexaphenylbenzene. <i>Nano Letters</i> , 2018 , 18, 4200-4205	11.5	35
148	Fluorescence visualization of crystal formation and transformation processes of organic luminogens with crystallization-induced emission characteristics. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 180-188	7.8	43
147	Electronic effect on the optical properties and sensing ability of AIEgens with ESIPT process based on salicylaldehyde azine. <i>Science China Chemistry</i> , 2018 , 61, 76-87	7.9	36
146	Excellent n-type light emitters based on AIE-active silole derivatives for efficient simplified organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3690-3698	7.1	47

145	New fluorescent through-space conjugated polymers: synthesis, optical properties and explosive detection. <i>Polymer Chemistry</i> , 2018 , 9, 558-564	4.9	26
144	Luminogens: Efficient Bipolar Blue AIEgens for High-Performance Nondoped Blue OLEDs and Hybrid White OLEDs (Adv. Funct. Mater. 40/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870288	15.6	1
143	A high therapeutic efficacy of polymeric prodrug nano-assembly for a combination of photodynamic therapy and chemotherapy. <i>Communications Biology</i> , 2018 , 1, 202	6.7	61
142	Nonwoven fabric coated with a tetraphenylethene-based luminescent metalorganic framework for selective and sensitive sensing of nitrobenzene and ammonia. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12371-12376	7.1	20
141	Specific discrimination of gram-positive bacteria and direct visualization of its infection towards mammalian cells by a DPAN-based AIEgen. <i>Biomaterials</i> , 2018 , 187, 47-54	15.6	54
140	Red/NIR-Emissive Benzo[d]imidazole-Cored AIEgens: Facile Molecular Design for Wavelength Extending and In Vivo Tumor Metabolic Imaging. <i>Advanced Materials</i> , 2018 , 30, e1805220	24	78
139	Photostable and biocompatible AIE-active conjugated polyelectrolytes for efficient heparin detection and specific lysosome labelling. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 6360-6364	7.3	12
138	High-Performance Non-doped OLEDs with Nearly 100 % Exciton Use and Negligible Efficiency Roll-Off. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9290-9294	16.4	163
137	High-Performance Non-doped OLEDs with Nearly 100 % Exciton Use and Negligible Efficiency Roll-Off. <i>Angewandte Chemie</i> , 2018 , 130, 9434-9438	3.6	25
136	Synthesis, aggregation-induced emission and electroluminescence of new luminogens based on thieno[3,2-b]thiophene S,S-dioxide. <i>Dyes and Pigments</i> , 2018 , 159, 275-282	4.6	9
135	Steric, conjugation and electronic impacts on the photoluminescence and electroluminescence properties of luminogens based on phosphindole oxide. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1836-1842	7.1	34
134	The marriage of AIE and interface engineering: convenient synthesis and enhanced photovoltaic performance. <i>Chemical Science</i> , 2017 , 8, 3750-3758	9.4	31
133	Achieving High-Performance Nondoped OLEDs with Extremely Small Efficiency Roll-Off by Combining Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2017 , 27, 1606458	15.6	319
132	Highlights from Faraday Discussion: aggregation-induced emission. <i>Chemical Communications</i> , 2017 , 53, 3158-3164	5.8	6
131	Oligo(maleic anhydride)s: a platform for unveiling the mechanism of clusteroluminescence of non-aromatic polymers. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4775-4779	7.1	96
130	3,4-Donor- and 2,5-acceptor-functionalized dipolar siloles: synthesis, structure, photoluminescence and electroluminescence. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4867-4874	7.1	22
129	AIE conjugated polyelectrolytes based on tetraphenylethene for efficient fluorescence imaging and lifetime imaging of living cells. <i>Polymer Chemistry</i> , 2017 , 8, 3862-3866	4.9	23
128	Robust Luminescent Materials with Prominent Aggregation-Induced Emission and Thermally Activated Delayed Fluorescence for High-Performance Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2017 , 29, 3623-3631	9.6	176

127	Superbase catalyzed regio-selective polyhydroalkoxylation of alkynes: a facile route towards functional poly(vinyl ether)s. <i>Polymer Chemistry</i> , 2017 , 8, 2713-2722	4.9	37
126	Light up detection of heparin based on aggregation-induced emission and synergistic counter ion displacement. <i>Chemical Communications</i> , 2017 , 53, 4795-4798	5.8	28
125	Spontaneous Amino-yne Click Polymerization: A Powerful Tool toward Regio- and Stereospecific Poly(Eaminoacrylate)s. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5437-5443	16.4	114
124	Metal-Free Multicomponent Tandem Polymerizations of Alkynes, Amines, and Formaldehyde toward Structure- and Sequence-Controlled Luminescent Polyheterocycles. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5075-5084	16.4	81
123	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1125-1129	7.8	123
122	Oxidation-enhanced emission: exploring novel AIEgens from thieno[3,2-b]thiophene S,S-dioxide. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 960-968	7.1	37
121	A novel aggregation-induced emission platform from 2,3-diphenylbenzo[b]thiophene S,S-dioxide. <i>Chemical Communications</i> , 2017 , 53, 1463-1466	5.8	34
120	Spectroscopic and Theoretical Characterization of Through-Space Conjugation of Foldamers with a Tetraphenylethene Hinge. <i>Chemistry - A European Journal</i> , 2017 , 23, 18041-18048	4.8	21
119	Synthesis, aggregation-induced emission and electroluminescence properties of three new phenylethylene derivatives comprising carbazole and (dimesitylboranyl)phenyl groups. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11741-11750	7.1	10
118	Highly Efficient Nondoped OLEDs with Negligible Efficiency Roll-Off Fabricated from Aggregation-Induced Delayed Fluorescence Luminogens. <i>Angewandte Chemie</i> , 2017 , 129, 13151-13156	3.6	46
117	Highly Efficient Nondoped OLEDs with Negligible Efficiency Roll-Off Fabricated from Aggregation-Induced Delayed Fluorescence Luminogens. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12971-12976	16.4	239
116	Three polymorphs of one luminogen: how the molecular packing affects the RTP and AIE properties?. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9242-9246	7.1	123
115	High-Performance Doping-Free Hybrid White OLEDs Based on Blue Aggregation-Induced Emission Luminogens. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 34162-34171	9.5	59
114	New AIEgens with delayed fluorescence for fluorescence imaging and fluorescence lifetime imaging of living cells. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2554-2558	7.8	66
113	Robust Red Organic Nanoparticles for In Vivo Fluorescence Imaging of Cancer Cell Progression in Xenografted Zebrafish. <i>Advanced Functional Materials</i> , 2017 , 27, 1701418	15.6	48
112	A highly luminescent entangled metal-organic framework based on pyridine-substituted tetraphenylethene for efficient pesticide detection. <i>Chemical Communications</i> , 2017 , 53, 9975-9978	5.8	121
111	Synthesis and photophysical properties of new through-space conjugated luminogens constructed by folded tetraphenylethene. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12553-12560	7.1	14
110	Nanocrystallization: A Unique Approach to Yield Bright Organic Nanocrystals for Biological Applications. <i>Advanced Materials</i> , 2017 , 29, 1604100	24	88

109	Introductory lecture: recent research progress on aggregation-induced emission. <i>Faraday Discussions</i> , 2017 , 196, 9-30	3.6	29
108	Sky-blue nondoped OLEDs based on new AIEgens: ultrahigh brightness, remarkable efficiency and low efficiency roll-off. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 176-180	7.8	48
107	Cu(I)-Catalyzed amino-yne click polymerization. <i>Polymer Chemistry</i> , 2016 , 7, 7375-7382	4.9	46
106	Synthesis, aggregation-enhanced emission, polymorphism and piezochromism of TPE-cored foldamers with through-space conjugation. <i>Chemical Communications</i> , 2016 , 52, 10842-5	5.8	26
105	Insights into the correlation between the molecular conformational change and AIE activity of 2,5-bis(dimesitylboryl)-3,4-diphenylsiloles. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7541-7545	7.1	16
104	Improving Electron Mobility of Tetraphenylethene-Based AIEgens to Fabricate Nondoped Organic Light-Emitting Diodes with Remarkably High Luminance and Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16799-808	9.5	70
103	Integration of aggregation-induced emission and delayed fluorescence into electronic donor-acceptor conjugates. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3705-3708	7.1	93
102	Ratiometric Fluorescent Bioprobe for Highly Reproducible Detection of Telomerase in Bloody Urines of Bladder Cancer Patients. <i>ACS Sensors</i> , 2016 , 1, 572-578	9.2	45
101	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. <i>Chemical Science</i> , 2016 , 7, 4527-4536	9.4	79
100	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. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 1228-1237	7.1	41
99	Solution-processable, star-shaped bipolar tetraphenylethene derivatives for the fabrication of efficient nondoped OLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2775-2783	7.1	30
98	Tetraphenylpyrazine-Based Luminogens with Aggregation-Enhanced Emission Characteristics: Preparation and Property. <i>Chinese Journal of Organic Chemistry</i> , 2016 , 36, 1316	3	12
97	Silole-Based Red Fluorescent Organic Dots for Bright Two-Photon Fluorescence In vitro Cell and In vivo Blood Vessel Imaging. <i>Small</i> , 2016 , 12, 782-92	11	66
96	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. <i>Advanced Functional Materials</i> , 2016 , 26, 776-783	15.6	171
95	Multicomponent Tandem Polymerizations of Aromatic Diynes, Terephthaloyl Chloride, and Hydrazines toward Functional Conjugated Polypyrazoles. <i>Macromolecules</i> , 2016 , 49, 9291-9300	5.5	29
94	Red fluorescent siloles with aggregation-enhanced emission characteristics. <i>Science China Chemistry</i> , 2016 , 59, 699-706	7.9	22
93	Using the isotope effect to probe an aggregation induced emission mechanism: theoretical prediction and experimental validation. <i>Chemical Science</i> , 2016 , 7, 5573-5580	9.4	49
92	Dimesitylboryl-functionalized tetraphenylethene derivatives: efficient solid-state luminescent materials with enhanced electron-transporting ability for nondoped OLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5241-5247	7.1	29

91	Aggregation-enhanced emission and through-space conjugation of tetraarylethanes and folded tetraarylethenes. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9316-9324	7.1	19
90	Organic Dots Based on AIEgens for Two-Photon Fluorescence Bioimaging. <i>Small</i> , 2016 , 12, 6430-6450	11	85
89	Bright and biocompatible AIE polymeric nanoparticles prepared from miniemulsion for fluorescence cell imaging. <i>Polymer Chemistry</i> , 2016 , 7, 5571-5578	4.9	28
88	Targeted imaging of EGFR overexpressed cancer cells by brightly fluorescent nanoparticles conjugated with cetuximab. <i>Nanoscale</i> , 2016 , 8, 15027-32	7.7	57
87	Aggregation-induced emission of siloles. <i>Chemical Science</i> , 2015 , 6, 5347-5365	9.4	411
86	A green miniemulsion-based synthesis of polymeric aggregation-induced emission nanoparticles. <i>Polymer Chemistry</i> , 2015 , 6, 6378-6385	4.9	18
85	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. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 14965-74	9.5	77
84	Multicomponent Tandem Reactions and Polymerizations of Alkynes, Carbonyl Chlorides, and Thiols. <i>Macromolecules</i> , 2015 , 48, 1941-1951	5.5	48
83	Modulation of aggregation-induced emission and electroluminescence of silole derivatives by a covalent bonding pattern. <i>Chemistry - A European Journal</i> , 2015 , 21, 8137-47	4.8	31
82	Catalyst-Free, Atom-Economic, Multicomponent Polymerizations of Aromatic Dienes, Elemental Sulfur, and Aliphatic Diamines toward Luminescent Polythioamides. <i>Macromolecules</i> , 2015 , 48, 7747-7754	5.5	104
81	Blue fluorophores comprised of tetraphenylethene and imidazole: aggregation-induced emission and electroluminescence. <i>Frontiers of Optoelectronics</i> , 2015 , 8, 274-281	2.8	2
80	Di(naphthalen-2-yl)-1,2-diphenylethene-based conjugated polymers: aggregation-enhanced emission and explosive detection. <i>Polymer Chemistry</i> , 2015 , 6, 7641-7645	4.9	22
79	Quencher group induced high specificity detection of telomerase in clear and bloody urines by AIEgens. <i>Analytical Chemistry</i> , 2015 , 87, 9487-93	7.8	60
78	A luminescent metal-organic framework constructed using a tetraphenylethene-based ligand for sensing volatile organic compounds. <i>Chemical Communications</i> , 2015 , 51, 1677-80	5.8	144
77	Multichannel Conductance of Folded Single-Molecule Wires Aided by Through-Space Conjugation. <i>Angewandte Chemie</i> , 2015 , 127, 4305-4309	3.6	21
76	A Silole-Based Efficient Electroluminescent Material with Good Electron-Transporting Potential. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 842-846	4.9	12
75	Unusual Aggregation-Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. <i>Angewandte Chemie</i> , 2015 , 127, 14700-14705	3.6	44
74	Unusual Aggregation-Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14492-7	16.4	161

73	Insight into the strong aggregation-induced emission of low-conjugated racemic C6-unsubstituted tetrahydropyrimidines through crystal-structure-property relationship of polymorphs. <i>Chemical Science</i> , 2015 , 6, 4690-4697	9.4	49
72	Multichannel conductance of folded single-molecule wires aided by through-space conjugation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4231-5	16.4	77
71	Synthesis of 1,5-regioregular polytriazoles by efficient NMe ₄ OH-mediated azide-alkyne click polymerization. <i>Polymer Chemistry</i> , 2015 , 6, 5545-5549	4.9	33
70	High Fluorescence Efficiencies and Large Stokes Shifts of Folded Fluorophores Consisting of a Pair of Alkenyl-Tethered, Stacked Oligo-p-phenylenes. <i>Organic Letters</i> , 2015 , 17, 6174-7	6.2	35
69	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. <i>Chemical Science</i> , 2015 , 6, 1932-1937	9.4	206
68	Structural and theoretical insights into the AIE attributes of phosphindole oxide: the balance between rigidity and flexibility. <i>Chemistry - A European Journal</i> , 2015 , 21, 4440-9	4.8	75
67	Creation of Bifunctional Materials: Improve Electron-Transporting Ability of Light Emitters Based on AIE-Active 2,3,4,5-Tetraphenylsiloles. <i>Advanced Functional Materials</i> , 2014 , 24, 3621-3630	15.6	118
66	Conjugation versus rotation: good conjugation weakens the aggregation-induced emission effect of siloles. <i>Chemical Communications</i> , 2014 , 50, 4500-3	5.8	45
65	Dimesitylboryl-functionalized fluorene derivatives: Promising luminophors with good electron-transporting ability for deep blue organic light-emitting diodes. <i>Dyes and Pigments</i> , 2014 , 101, 136-141	4.6	18
64	Impacts of intramolecular B-N coordination on photoluminescence, electronic structure and electroluminescence of tetraphenylethene-based luminogens. <i>Dyes and Pigments</i> , 2014 , 101, 247-253	4.6	14
63	Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4320-4327	7.1	89
62	Synthesis, structure, photoluminescence, and electroluminescence of siloles that contain planar fluorescent chromophores. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2937-45	4.5	22
61	Rational design of aggregation-induced emission luminogen with weak electron donor-acceptor interaction to achieve highly efficient undoped bilayer OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 17215-25	9.5	98
60	Red Emissive Biocompatible Nanoparticles from Tetraphenylethene-Decorated BODIPY Luminogens for Two-Photon Excited Fluorescence Cellular Imaging and Mouse Brain Blood Vascular Visualization. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 481-491	3.1	69
59	Stereoselective synthesis of folded luminogens with arene-arene stacking interactions and aggregation-enhanced emission. <i>Chemical Communications</i> , 2014 , 50, 1131-3	5.8	51
58	Piezochromic luminescent and electroluminescent materials comprised of tetraphenylethene plus spirobifluorene or 9,9-diphenylfluorene. <i>Dyes and Pigments</i> , 2014 , 106, 87-93	4.6	28
57	2,5-difluorenyl-substituted siloles for the fabrication of high-performance yellow organic light-emitting diodes. <i>Chemistry - A European Journal</i> , 2014 , 20, 1931-9	4.8	58
56	Aggregation-induced emission and efficient solid-state fluorescence from tetraphenylethene-based N,C-chelate four-coordinate organoborons. <i>Chemistry - A European Journal</i> , 2013 , 19, 11512-7	4.8	81

55	Deep blue fluorescent 2,5-bis(phenylsilyl)-substituted 3,4-diphenylsiloles: Synthesis, structure and aggregation-induced emission. <i>Dyes and Pigments</i> , 2013 , 99, 520-525	4.6	32
54	Ultrabright organic dots with aggregation-induced emission characteristics for real-time two-photon intravital vasculature imaging. <i>Advanced Materials</i> , 2013 , 25, 6083-8	24	218
53	Aggregation-enhanced emission and efficient electroluminescence of conjugated polymers containing tetraphenylethene units. <i>Science China Chemistry</i> , 2013 , 56, 1221-1227	7.9	19
52	From tetraphenylethene to tetranaphthylethene: structural evolution in AIE luminogen continues. <i>Chemical Communications</i> , 2013 , 49, 2491-3	5.8	112
51	Aggregation-enhanced emission and efficient electroluminescence of tetraphenylethene-cored luminogens. <i>Chemical Communications</i> , 2013 , 49, 594-6	5.8	77
50	Self-assembly of organic luminophores with gelation-enhanced emission characteristics. <i>Soft Matter</i> , 2013 , 9, 4564	3.6	161
49	Efficient electroluminescence from excimers of 1,3,6,8-tetrakis(3,5-dimethylphenyl)pyrene. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 444-9	4.5	15
48	Efficient Light Emitters in the Solid State: Synthesis, Aggregation-Induced Emission, Electroluminescence, and Sensory Properties of Luminogens with Benzene Cores and Multiple Triarylvinyl Peripherals. <i>Advanced Functional Materials</i> , 2012 , 22, 378-389	15.6	189
47	One-Pot Condensation of 2- and 2,5-Halo-Substituted Benzophenones for the Synthesis of Halo-Substituted 9,10-Diphenylanthracenes. <i>Asian Journal of Organic Chemistry</i> , 2012 , 1, 331-335	3	3
46	Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4527		92
45	A tetraphenylethene-based red luminophor for an efficient non-doped electroluminescence device and cellular imaging. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11018		81
44	Growth methods, enhanced photoluminescence, high hydrophobicity and light scattering of 4,4'-bis(1,2,2-triphenylvinyl)biphenyl nanowires. <i>Organic Electronics</i> , 2012 , 13, 1996-2002	3.5	21
43	A Facile Approach to Highly Efficient and Thermally Stable Solid-State Emitters: Knitting up AIE-Active TPE Luminogens by Aryl Linkers. <i>ChemPlusChem</i> , 2012 , 77, 949-958	2.8	17
42	Tetraphenylethene: a versatile AIE building block for the construction of efficient luminescent materials for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 23726		646
41	Facile preparation of non-self-quenching fluorescent DNA strands with the degree of labeling up to the theoretic limit. <i>Chemical Communications</i> , 2012 ,	5.8	27
40	Naphthalene-substituted 2,3,4,5-tetraphenylsiloles: synthesis, structure, aggregation-induced emission and efficient electroluminescence. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20266		24
39	Silole-containing poly(silylenevinylene)s: Synthesis, characterization, aggregation-enhanced emission, and explosive detection. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 2265-2274	2.5	30
38	A fully substituted 3-silolene functions as promising building block for hyperbranched poly(silylenevinylene). <i>Macromolecular Rapid Communications</i> , 2012 , 33, 1074-9	4.8	20

37	One-step fabrication of organic nanoparticles as scattering media for extracting substrate waveguide light from organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13386		17
36	A facile and versatile approach to efficient luminescent materials for applications in organic light-emitting diodes. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 484-8	4.5	62
35	High hole mobility of 1,2-bis[4-(diphenylamino)biphenyl-4-yl]-1,2-diphenylethene in field effect transistor. <i>Chemical Communications</i> , 2011 , 47, 6924-6	5.8	46
34	Construction of efficient solid emitters with conventional and AIE luminogens for blue organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10949		62
33	Full emission color tuning in luminogens constructed from tetraphenylethene, benzo-2,1,3-thiadiazole and thiophene building blocks. <i>Chemical Communications</i> , 2011 , 47, 8847-9	5.8	158
32	Pyrene-substituted ethenes: aggregation-enhanced excimer emission and highly efficient electroluminescence. <i>Journal of Materials Chemistry</i> , 2011 , 21, 7210		189
31	1,3,6,8-Tetrakis[(triisopropylsilyl)ethynyl]pyrene: A highly efficient solid-state emitter for non-doped yellow electroluminescence devices. <i>Organic Electronics</i> , 2011 , 12, 2236-2242	3.5	18
30	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. <i>Chemical Science</i> , 2011 , 2, 672-675	9.4	192
29	Stereoselective synthesis, efficient light emission, and high bipolar charge mobility of chiasmatic luminogens. <i>Advanced Materials</i> , 2011 , 23, 5430-5	24	97
28	Synthesis, structure, aggregation-induced emission, self-assembly, and electron mobility of 2,5-bis(triphenylsilylethynyl)-3,4-diphenylsiloles. <i>Chemistry - A European Journal</i> , 2011 , 17, 5998-6008	4.8	59
27	Luminescent aggregates of a starburst silole-triphenylamine adduct for sensitive explosive detection. <i>Dyes and Pigments</i> , 2011 , 91, 258-263	4.6	30
26	Aggregation-Induced Emission of Tetraarylethene Luminogens. <i>Current Organic Chemistry</i> , 2010 , 14, 2109-2132	1.7	140
25	Luminescent tetraphenylethene-substituted silanes. <i>Pure and Applied Chemistry</i> , 2010 , 82, 863-870	2.1	18
24	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. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 11737-45	3.4	44
23	Aggregation-induced emission, self-assembly, and electroluminescence of 4,4'-bis(1,2,2-triphenylvinyl)biphenyl. <i>Chemical Communications</i> , 2010 , 46, 686-8	5.8	292
22	Steric Hindrance, Electronic Communication, and Energy Transfer in the Photo- and Electroluminescence Processes of Aggregation-Induced Emission Luminogens. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 7963-7972	3.8	102
21	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. <i>Chemical Communications</i> , 2010 , 46, 2221-3	5.8	327
20	P-165: Efficient RGBW OLEDs Based on 4,4'-Bis(1,2,2-triphenylvinyl)biphenyl. <i>Digest of Technical Papers SID International Symposium</i> , 2010 , 41, 1867	0.5	3

19	Theoretical study of substituent effect on the charge mobility of 2,5-bis(trialkylsilylethynyl)-1,1,3,4-tetraphenylsiloles. <i>Science China Chemistry</i> , 2010 , 53, 2311-2317	7.9	7
18	2,4-Dicyano-3-diethylamino-9,9-diethylfluorene Based Blue Light-emitting Star-shaped Compounds: Synthesis and Properties. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 971-977	4.9	8
17	Structural Modulation of Solid-State Emission of 2,5-Bis(trialkylsilylethynyl)-3,4-diphenylsiloles. <i>Angewandte Chemie</i> , 2009 , 121, 7744-7747	3.6	41
16	Structural modulation of solid-state emission of 2,5-bis(trialkylsilylethynyl)-3,4-diphenylsiloles. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7608-11	16.4	197
15	Solution-processable stiff dendrimers: synthesis, photophysics, film morphology, and electroluminescence. <i>Journal of Organic Chemistry</i> , 2009 , 74, 383-95	4.2	69
14	Fluorescent conjugated dendrimers with fluorinated terminal groups: nanofiber formation and electroluminescence properties. <i>Organic Letters</i> , 2008 , 10, 3041-4	6.2	37
13	Zigzag molecules from pyrene-modified carbazole oligomers: synthesis, characterization, and application in OLEDs. <i>Journal of Organic Chemistry</i> , 2008 , 73, 594-602	4.2	82
12	Oligo(2,7-fluorene ethynylene)s with pyrene moieties: synthesis, characterization, photoluminescence, and electroluminescence. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8345-53	4.2	53
11	Dual-fluorescent donor-acceptor dyad with tercarbazole donor and switchable imide acceptor: promising structure for an integrated logic gate. <i>Organic Letters</i> , 2007 , 9, 547-50	6.2	32
10	Regulating Photophysical Property of Aggregation-Induced Delayed Fluorescence Luminogens via Heavy Atom Effect to Achieve Efficient Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2020 , 10, 2102568	8.1	1
9	A Bipolar Delayed Fluorescence Luminogen with Fast Reverse Intersystem Crossing and High Horizontal Dipole Orientation for High-Performance Sky-Blue and White OLEDs. <i>Advanced Optical Materials</i> , 2020 , 10, 2102339	8.1	1
8	Novel Germales and Their Ladder-type Derivatives: Modular Synthesis, Luminescence Tuning and Electroluminescence. <i>CCS Chemistry</i> , 2020 , 1-22	7.2	
7	Sky-blue delayed fluorescence molecules based on pyridine-substituted acridone for efficient organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 10111-10118	7.1	3
6	Deciphering Benzene-Heterocycle Stacking Interaction Impact on the Electronic Structures and Photophysical Properties of Tetraphenylethene-Cored Foldamers. <i>CCS Chemistry</i> , 2020 , 1-22	7.2	2
5	Type I AIE photosensitizers: Mechanism and application. <i>View</i> , 2020 , 20200121	7.8	13
4	Comparative study on the impact of through-space charge transfer over the electroluminescence performance of delayed fluorescence molecules. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 10111-10118	7.1	3
3	Versatile Aggregation-Enhanced Delayed Fluorescence Luminogens Functioning as Emitters and Hosts for High-Performance Organic Light-Emitting Diodes. <i>CCS Chemistry</i> , 2020 , 1-22	7.2	17
2	The AIE-Active Dual-Cationic Molecular Engineering: Synergistic Effect of Dark Toxicity and Phototoxicity for Anticancer Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 2106988	15.6	6

- 1 High Steric-Hindrance Windmill-Type Molecules for Efficient Ultraviolet to Pure-Blue Organic Light-Emitting Diodes via Hybridized Local and Charge-Transfer Excited-State. *Advanced Functional Materials*, 2112969 15.6 6