Zujin Zhao

List of Publications by Year
in descending order

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278	17,559	10373	19726
papers	citations	72 h-index	117 g-index

291	291	291	10813
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	6.7	761
2	Aggregation-induced emission of siloles. Chemical Science, 2015, 6, 5347-5365.	3.7	487
3	Achieving Highâ€Performance Nondoped OLEDs with Extremely Small Efficiency Rollâ€Off by Combining Aggregationâ€Induced Emission and Thermally Activated Delayed Fluorescence. Advanced Functional Materials, 2017, 27, 1606458.	7.8	386
4	Creation of highly efficient solid emitter by decorating pyrene core with AIE-active tetraphenylethene peripheries. Chemical Communications, 2010, 46, 2221.	2.2	352
5	Highly Efficient Nondoped OLEDs with Negligible Efficiency Rollâ€Off Fabricated from Aggregationâ€Induced Delayed Fluorescence Luminogens. Angewandte Chemie - International Edition, 2017, 56, 12971-12976.	7.2	320
6	Aggregation-induced emission, self-assembly, and electroluminescence of 4,4â€²-bis(1,2,2-triphenylvinyl)biphenyl. Chemical Communications, 2010, 46, 686-688.	2.2	313
7	Highly Efficient Circularly Polarized Electroluminescence from Aggregationâ€Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. Advanced Functional Materials, 2018, 28, 1800051.	7.8	302
8	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. Chemical Science, 2015, 6, 1932-1937.	3.7	259
9	Ultrabright Organic Dots with Aggregationâ€Induced Emission Characteristics for Realâ€Time Twoâ€Photon Intravital Vasculature Imaging. Advanced Materials, 2013, 25, 6083-6088.	11.1	255
10	Highâ€Performance Nonâ€doped OLEDs with Nearly 100â€‰% Exciton Use and Negligible Efficiency Rollâ€Off. Angewandte Chemie - International Edition, 2018, 57, 9290-9294.	7.2	219
11	Molecular anchors in the solid state: Restriction of intramolecular rotation boosts emission efficiency of luminogen aggregates to unity. Chemical Science, 2011, 2, 672-675.	3.7	216
12	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.	3.2	215
13	Unusual Aggregationâ€Induced Emission of a Coumarin Derivative as a Result of the Restriction of an Intramolecular Twisting Motion. Angewandte Chemie - International Edition, 2015, 54, 14492-14497.	7.2	207
14	Pyrene-substituted ethenes: aggregation-enhanced excimer emission and highly efficient electroluminescence. Journal of Materials Chemistry, 2011, 21, 7210.	6.7	206
15	Structural Modulation of Solidâ€State Emission of 2,5â€Bis(trialkylsilylethynyl)â€3,4â€diphenylsiloles. Angewandte Chemie - International Edition, 2009, 48, 7608-7611.	7.2	205
16	Efficient Light Emitters in the Solid State: Synthesis, Aggregationâ€Induced Emission, Electroluminescence, and Sensory Properties of Luminogens with Benzene Cores and Multiple Triarylvinyl Peripherals. Advanced Functional Materials, 2012, 22, 378-389.	7.8	198
17	Manipulation of Charge and Exciton Distribution Based on Blue Aggregationâ€Induced Emission Fluorophors: A Novel Concept to Achieve Highâ€Performance Hybrid White Organic Lightâ€Emitting Diodes. Advanced Functional Materials, 2016, 26, 776-783.	7.8	194
18	Type I photosensitizers based on phosphindole oxide for photodynamic therapy: apoptosis and autophagy induced by endoplasmic reticulum stress. Chemical Science, 2020, 11, 3405-3417.	3.7	182

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19	Spontaneous Amino-yne Click Polymerization: A Powerful Tool toward Regio- and Stereospecific Poly(Î²-aminoacrylate)s. Journal of the American Chemical Society, 2017, 139, 5437-5443.	6.6	177
20	Full emission color tuning in luminogens constructed from tetraphenylethene, benzo-2,1,3-thiadiazole and thiophene building blocks. Chemical Communications, 2011, 47, 8847.	2.2	175
21	Self-assembly of organic luminophores with gelation-enhanced emission characteristics. Soft Matter, 2013, 9, 4564.	1.2	175
22	Three polymorphs of one luminogen: how the molecular packing affects the RTP and AIE properties?. Journal of Materials Chemistry C, 2017, 5, 9242-9246.	2.7	164
23	Efficient Near-Infrared Photosensitizer with Aggregation-Induced Emission for Imaging-Guided Photodynamic Therapy in Multiple Xenograft Tumor Models. ACS Nano, 2020, 14, 854-866.	7.3	161
24	A luminescent metalâ€“organic framework constructed using a tetraphenylethene-based ligand for sensing volatile organic compounds. Chemical Communications, 2015, 51, 1677-1680.	2.2	159
25	Purely Organic Materials with Aggregationâ€Induced Delayed Fluorescence for Efficient Nondoped OLEDs. Advanced Optical Materials, 2018, 6, 1800264.	3.6	156
26	Aggregation-Induced Emission of Tetraarylethene Luminogens. Current Organic Chemistry, 2010, 14, 2109-2132.	0.9	155
27	A highly luminescent entangled metalâ€“organic framework based on pyridine-substituted tetraphenylethene for efficient pesticide detection. Chemical Communications, 2017, 53, 9975-9978.	2.2	154
28	Tetraphenylfuran: aggregation-induced emission or aggregation-caused quenching?. Materials Chemistry Frontiers, 2017, 1, 1125-1129.	3.2	150
29	Realizing Recordâ€High Electroluminescence Efficiency of 31.5â€‰% for Red Thermally Activated Delayed Fluorescence Molecules. Angewandte Chemie - International Edition, 2021, 60, 23635-23640.	7.2	147
30	Catalyst-Free, Atom-Economic, Multicomponent Polymerizations of Aromatic Diynes, Elemental Sulfur, and Aliphatic Diamines toward Luminescent Polythioamides. Macromolecules, 2015, 48, 7747-7754.	2.2	145
31	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.	2.7	141
32	A new luminescent metalâ€“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.	2.7	133
33	Efficient Bipolar Blue AIEgens for Highâ€Performance Nondoped Blue OLEDs and Hybrid White OLEDs. Advanced Functional Materials, 2018, 28, 1803369.	7.8	130
34	Nanocrystallization: A Unique Approach to Yield Bright Organic Nanocrystals for Biological Applications. Advanced Materials, 2017, 29, 1604100.	11.1	126
35	Improving Imageâ€Guided Surgical and Immunological Tumor Treatment Efficacy by Photothermal and Photodynamic Therapies Based on a Multifunctional NIR AIEgen. Advanced Materials, 2021, 33, e2101158.	11.1	125
36	From tetraphenylethene to tetranaphthylethene: structural evolution in AIE luminogen continues. Chemical Communications, 2013, 49, 2491.	2.2	123

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37	Creation of Bifunctional Materials: Improve Electronâ€Transporting Ability of Light Emitters Based on AIEâ€Active 2,3,4,5â€Tetraphenylsiloles. Advanced Functional Materials, 2014, 24, 3621-3630.	7.8	123
38	Drug delivery micelles with efficient near-infrared photosensitizer for combined image-guided photodynamic therapy and chemotherapy of drug-resistant cancer. Biomaterials, 2019, 218, 119330.	5.7	118
39	Tuning molecular emission of organic emitters from fluorescence to phosphorescence through push-pull electronic effects. Nature Communications, 2020, 11, 2617.	5.8	117
40	Through-Space Conjugation: A Thriving Alternative for Optoelectronic Materials. CCS Chemistry, 2019, 1, 181-196.	4.6	114
41	Rational Design of Aggregation-Induced Emission Luminogen with Weak Electron Donorâ€“Acceptor Interaction to Achieve Highly Efficient Undoped Bilayer OLEDs. ACS Applied Materials & Interfaces, 2014, 6, 17215-17225.	4.0	113
42	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.	6.6	113
43	Mechanical Insights into Aggregationâ€Induced Delayed Fluorescence Materials with Antiâ€Kasha Behavior. Advanced Science, 2019, 6, 1801629.	5.6	111
44	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.	1.5	109
45	A Multifunctional Blueâ€Emitting Material Designed via Tuning Distribution of Hybridized Excitedâ€State for Highâ€Performance Blue and Hostâ€Sensitized OLEDs. Advanced Functional Materials, 2020, 30, 2002323.	7.8	108
46	Organic Dots Based on AIEgens for Twoâ€Photon Fluorescence Bioimaging. Small, 2016, 12, 6430-6450.	5.2	107
47	Integration of aggregation-induced emission and delayed fluorescence into electronic donorâ€“acceptor conjugates. Journal of Materials Chemistry C, 2016, 4, 3705-3708.	2.7	107
48	Red/NIRâ€Emissive Benzo[d]imidazoleâ€Cored AIEgens: Facile Molecular Design for Wavelength Extending and In Vivo Tumor Metabolic Imaging. Advanced Materials, 2018, 30, e1805220.	11.1	106
49	Stereoselective Synthesis, Efficient Light Emission, and High Bipolar Charge Mobility of Chiasmatic Luminogens. Advanced Materials, 2011, 23, 5430-5435.	11.1	105
50	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.	6.7	103
51	Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. Journal of Materials Chemistry C, 2014, 2, 4320-4327.	2.7	102
52	Structural and Theoretical Insights into the AIE Attributes of Phosphindole Oxide: The Balance Between Rigidity and Flexibility. Chemistry - A European Journal, 2015, 21, 4440-4449.	1.7	98
53	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.	3.7	97
54	Efficient Red/Nearâ€Infrared Fluorophores Based on Benzo[1,2â€b:4,5â€bâ€²]dithiophene 1,1,5,5â€Tetraoxide for Targeted Photodynamic Therapy and In Vivo Twoâ€Photon Fluorescence Bioimaging. Advanced Functional Materials, 2018, 28, 1706945.	7.8	96

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55	AIEgens based on main group heterocycles. Journal of Materials Chemistry C, 2018, 6, 11835-11852.	2.7	96
56	Self-Guiding Polymeric Prodrug Micelles with Two Aggregation-Induced Emission Photosensitizers for Enhanced Chemo-Photodynamic Therapy. ACS Nano, 2021, 15, 3026-3037.	7.3	94
57	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.	4.0	93
58	Multichannel Conductance of Folded Singleâ€Molecule Wires Aided by Throughâ€Space Conjugation. Angewandte Chemie - International Edition, 2015, 54, 4231-4235.	7.2	92
59	Heavy Atom Effect of Bromine Significantly Enhances Exciton Utilization of Delayed Fluorescence Luminogens. ACS Applied Materials & Interfaces, 2018, 10, 17327-17334.	4.0	91
60	Aggregationâ€Induced Emission and Efficient Solidâ€State Fluorescence from Tetraphenyletheneâ€Based N,Câ€Chelate Fourâ€Coordinate Organoborons. Chemistry - A European Journal, 2013, 19, 11512-11517.	1.7	90
61	Zigzag Molecules from Pyrene-Modified Carbazole Oligomers:â€‰ Synthesis, Characterization, and Application in OLEDs. Journal of Organic Chemistry, 2008, 73, 594-602.	1.7	87
62	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, 14965-14974.	4.0	86
63	A tetraphenylethene-based red luminophor for an efficient non-doped electroluminescence device and cellular imaging. Journal of Materials Chemistry, 2012, 22, 11018.	6.7	85
64	New AIEgens with delayed fluorescence for fluorescence imaging and fluorescence lifetime imaging of living cells. Materials Chemistry Frontiers, 2017, 1, 2554-2558.	3.2	85
65	Aggregation-enhanced emission and efficient electroluminescence of tetraphenylethene-cored luminogens. Chemical Communications, 2013, 49, 594-596.	2.2	82
66	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.	2.7	82
67	A Multifunctional Bipolar Luminogen with Delayed Fluorescence for Highâ€Performance Monochromatic and Colorâ€Stable Warmâ€White OLEDs. Advanced Functional Materials, 2020, 30, 2000019.	7.8	82
68	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, 16799-16808.	4.0	81
69	A high therapeutic efficacy of polymeric prodrug nano-assembly for a combination of photodynamic therapy and chemotherapy. Communications Biology, 2018, 1, 202.	2.0	81
70	Aggregation-Induced Emission-Responsive Metalâ€“Organic Frameworks. Chemistry of Materials, 2020, 32, 6706-6720.	3.2	81
71	Red Emissive Biocompatible Nanoparticles from Tetraphenyletheneâ€Decorated BODIPY Luminogens for Twoâ€Photon Excited Fluorescence Cellular Imaging and Mouse Brain Blood Vascular Visualization. Particle and Particle Systems Characterization, 2014, 31, 481-491.	1.2	78
72	Siloleâ€Based Red Fluorescent Organic Dots for Bright Twoâ€Photon Fluorescence In vitro Cell and In vivo Blood Vessel Imaging. Small, 2016, 12, 782-792.	5.2	74

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73	Tumorâ€Triggered Disassembly of a Multipleâ€Agentâ€Therapy Probe for Efficient Cellular Internalization. Angewandte Chemie - International Edition, 2020, 59, 20405-20410.	7.2	74
74	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.	5.7	73
75	Solution-Processable Stiff Dendrimers: Synthesis, Photophysics, Film Morphology, and Electroluminescence. Journal of Organic Chemistry, 2009, 74, 383-395.	1.7	72
76	Bright Aggregation-Induced Emission Nanoparticles for Two-Photon Imaging and Localized Compound Therapy of Cancers. ACS Nano, 2020, 14, 16840-16853.	7.3	72
77	Type I AIE photosensitizers: Mechanism and application. View, 2022, 3, 20200121.	2.7	72
78	Quencher Group Induced High Specificity Detection of Telomerase in Clear and Bloody Urines by AIEgens. Analytical Chemistry, 2015, 87, 9487-9493.	3.2	70
79	Targeted imaging of EGFR overexpressed cancer cells by brightly fluorescent nanoparticles conjugated with cetuximab. Nanoscale, 2016, 8, 15027-15032.	2.8	70
80	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.	4.0	68
81	Cationization-Enhanced Type I and Type II ROS Generation for Photodynamic Treatment of Drug-Resistant Bacteria. ACS Nano, 2022, 16, 9130-9141.	7.3	68
82	Construction of efficient solid emitters with conventional and AIE luminogens for blue organic light-emitting diodes. Journal of Materials Chemistry, 2011, 21, 10949.	6.7	67
83	Using the isotope effect to probe an aggregation induced emission mechanism: theoretical prediction and experimental validation. Chemical Science, 2016, 7, 5573-5580.	3.7	67
84	Photomechanical Luminescence from Throughâ€Space Conjugated AIEgens. Angewandte Chemie - International Edition, 2020, 59, 8828-8832.	7.2	67
85	High-Performance Doping-Free Hybrid White OLEDs Based on Blue Aggregation-Induced Emission Luminogens. ACS Applied Materials & Interfaces, 2017, 9, 34162-34171.	4.0	66
86	A Facile and Versatile Approach to Efficient Luminescent Materials for Applications in Organic Lightâ€Emitting Diodes. Chemistry - an Asian Journal, 2012, 7, 484-488.	1.7	65
87	Synthesis, Structure, Aggregationâ€Induced Emission, Selfâ€Assembly, and Electron Mobility of 2,5â€Bis(triphenylsilylethynyl)â€3,4â€diphenylsiloles. Chemistry - A European Journal, 2011, 17, 5998-6008.	1.7	62
88	Stereoselective synthesis of folded luminogens with areneâ€“arene stacking interactions and aggregation-enhanced emission. Chemical Communications, 2014, 50, 1131-1133.	2.2	62
89	Highly Efficient Nondoped OLEDs with Negligible Efficiency Rollâ€Off Fabricated from Aggregationâ€Induced Delayed Fluorescence Luminogens. Angewandte Chemie, 2017, 129, 13151-13156.	1.6	62
90	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.	2.7	62

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91	Intriguing â€œchameleonâ€•fluorescent bioprobes for the visualization of lipid droplet-lysosome interplay. Biomaterials, 2019, 203, 43-51.	5.7	61
92	9,10-Phenanthrenequinone: A Promising Kernel to Develop Multifunctional Antitumor Systems for Efficient Type I Photodynamic and Photothermal Synergistic Therapy. ACS Nano, 2021, 15, 20042-20055.	7.3	61
93	Insight into the strong aggregation-induced emission of low-conjugated racemic C6-unsubstituted tetrahydropyrimidines through crystal-structureâ€“property relationship of polymorphs. Chemical Science, 2015, 6, 4690-4697.	3.7	59
94	2,5â€Difluorenylâ€Substituted Siloles for the Fabrication of Highâ€Performance Yellow Organic Lightâ€Emitting Diodes. Chemistry - A European Journal, 2014, 20, 1931-1939.	1.7	58
95	In situ encapsulation of pyridine-substituted tetraphenylethene cations in metalâ€“organic framework for the detection of antibiotics in aqueous medium. Journal of Materials Chemistry C, 2019, 7, 8383-8388.	2.7	58
96	Promising applications of aggregation-induced emission luminogens in organic optoelectronic devices. PhotoniX, 2020, 1, .	5.5	58
97	Boosting external quantum efficiency to 38.6% of sky-blue delayed fluorescence molecules by optimizing horizontal dipole orientation. Science Advances, 2021, 7, eabj2504.	4.7	58
98	Oligo(2,7-fluorene ethynylene)s with Pyrene Moieties:â€‰ Synthesis, Characterization, Photoluminescence, and Electroluminescence. Journal of Organic Chemistry, 2007, 72, 8345-8353.	1.7	57
99	Toward Achieving Single-Molecule White Electroluminescence from Dual Emission of Fluorescence and Phosphorescence. Chemistry of Materials, 2020, 32, 4038-4044.	3.2	57
100	Robust Red Organic Nanoparticles for In Vivo Fluorescence Imaging of Cancer Cell Progression in Xenografted Zebrafish. Advanced Functional Materials, 2017, 27, 1701418.	7.8	56
101	Ratiometric Fluorescent Bioprobe for Highly Reproducible Detection of Telomerase in Bloody Urines of Bladder Cancer Patients. ACS Sensors, 2016, 1, 572-578.	4.0	55
102	Remarkable Multichannel Conductance of Novel Single-Molecule Wires Built on Through-Space Conjugated Hexaphenylbenzene. Nano Letters, 2018, 18, 4200-4205.	4.5	55
103	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, 11737-11745.	1.2	54
104	Conjugation versus rotation: good conjugation weakens the aggregation-induced emission effect of siloles. Chemical Communications, 2014, 50, 4500.	2.2	53
105	Multicomponent Tandem Reactions and Polymerizations of Alkynes, Carbonyl Chlorides, and Thiols. Macromolecules, 2015, 48, 1941-1951.	2.2	53
106	Fluorescence visualization of crystal formation and transformation processes of organic luminogens with crystallization-induced emission characteristics. Materials Chemistry Frontiers, 2018, 2, 180-188.	3.2	53
107	Cu(<scp>i</scp>)-Catalyzed amino-yne click polymerization. Polymer Chemistry, 2016, 7, 7375-7382.	1.9	52
108	Sky-blue nondoped OLEDs based on new AIEgens: ultrahigh brightness, remarkable efficiency and low efficiency roll-off. Materials Chemistry Frontiers, 2017, 1, 176-180.	3.2	51

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109	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.	4.2	51
110	Aggregation-Induced Delayed Fluorescence Luminogens with Accelerated Reverse Intersystem Crossing for High-Performance OLEDs. , 2019, 1, 613-619.		51
111	High hole mobility of 1,2-bis[4â€²-(diphenylamino)biphenyl-4-yl]-1,2-diphenylethene in field effect transistor. Chemical Communications, 2011, 47, 6924.	2.2	50
112	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.	2.7	50
113	Colour-tunable dual-mode afterglows and helical-array-induced mechanoluminescence from AIE enantiomers: Effects of molecular arrangement on formation and decay of excited states. Chemical Engineering Journal, 2021, 418, 129167.	6.6	50
114	New Aggregation-Induced Delayed Fluorescence Luminogens With Through-Space Charge Transfer for Efficient Non-doped OLEDs. Frontiers in Chemistry, 2019, 7, 199.	1.8	48
115	Superbase catalyzed regio-selective polyhydroalkoxylation of alkynes: a facile route towards functional poly(vinyl ether)s. Polymer Chemistry, 2017, 8, 2713-2722.	1.9	47
116	Aggregation-induced delayed fluorescence luminogens: the innovation of purely organic emitters for aqueous electrochemiluminescence. Chemical Science, 2021, 12, 13283-13291.	3.7	47
117	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.	2.7	46
118	Modular Peptide Probe for Pre/Intra/Postoperative Therapeutic to Reduce Recurrence in Ovarian Cancer. ACS Nano, 2020, 14, 14698-14714.	7.3	46
119	Aggregation-induced emission and the working mechanism of 1-benzoyl and 1-benzyl pyrene derivatives. Physical Chemistry Chemical Physics, 2018, 20, 9922-9929.	1.3	45
120	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.	2.7	45
121	A novel aggregation-induced emission platform from 2,3-diphenylbenzo[b]thiophene S,S-dioxide. Chemical Communications, 2017, 53, 1463-1466.	2.2	44
122	MnO2-DNAzyme-photosensitizer nanocomposite with AIE characteristic for cell imaging and photodynamic-gene therapy. Talanta, 2019, 202, 591-599.	2.9	44
123	Oxidation-enhanced emission: exploring novel AIEgens from thieno[3,2-b]thiophene S,S-dioxide. Journal of Materials Chemistry C, 2017, 5, 960-968.	2.7	43
124	Versatile Aggregation-Enhanced Delayed Fluorescence Luminogens Functioning as Emitters and Hosts for High-Performance Organic Light-Emitting Diodes. CCS Chemistry, 2021, 3, 230-240.	4.6	43
125	Solution-processable, star-shaped bipolar tetraphenylethene derivatives for the fabrication of efficient nondoped OLEDs. Journal of Materials Chemistry C, 2016, 4, 2775-2783.	2.7	42
126	Robust luminescent small molecules with aggregation-induced delayed fluorescence for efficient solution-processed OLEDs. Journal of Materials Chemistry C, 2019, 7, 330-339.	2.7	42

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127	High Stericâ€Hindrance Windmillâ€Type Molecules for Efficient Ultraviolet to Pureâ€Blue Organic Lightâ€Emitting Diodes via Hybridized Local and Chargeâ€Transfer Excitedâ€State. Advanced Functional Materials, 2022, 32, .	7.8	42
128	Synthesis of 1,5-regioregular polytriazoles by efficient NMe₄OH-mediated azideâ€“alkyne click polymerization. Polymer Chemistry, 2015, 6, 5545-5549.	1.9	41
129	The marriage of AIE and interface engineering: convenient synthesis and enhanced photovoltaic performance. Chemical Science, 2017, 8, 3750-3758.	3.7	41
130	Fluorescent Conjugated Dendrimers with Fluorinated Terminal Groups: Nanofiber Formation and Electroluminescence Properties. Organic Letters, 2008, 10, 3041-3044.	2.4	40
131	High Fluorescence Efficiencies and Large Stokes Shifts of Folded Fluorophores Consisting of a Pair of Alkenyl-Tethered, Ï€-Stacked Oligo-p-phenylenes. Organic Letters, 2015, 17, 6174-6177.	2.4	40
132	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.	3.2	39
133	Mechanical single-molecule potentiometers with large switching factors from ortho-pentaphenylene foldamers. Nature Communications, 2021, 12, 167.	5.8	39
134	An Effective Design Strategy for Robust Aggregationâ€Induced Delayed Fluorescence Luminogens to Improve Efficiency Stability of Nondoped and Doped OLEDs. Advanced Optical Materials, 2020, 8, 2001027.	3.6	38
135	Multicomponent Tandem Polymerizations of Aromatic Diynes, Terephthaloyl Chloride, and Hydrazines toward Functional Conjugated Polypyrazoles. Macromolecules, 2016, 49, 9291-9300.	2.2	37
136	Light up detection of heparin based on aggregation-induced emission and synergistic counter ion displacement. Chemical Communications, 2017, 53, 4795-4798.	2.2	37
137	Dual-Fluorescent Donorâ€“Acceptor Dyad with Tercarbazole Donor and Switchable Imide Acceptor: Promising Structure for an Integrated Logic Gate. Organic Letters, 2007, 9, 547-550.	2.4	36
138	Introductory lecture: recent research progress on aggregation-induced emission. Faraday Discussions, 2017, 196, 9-30.	1.6	36
139	Towards white-light emission of fluorescent polymeric nanoparticles with a single luminogen possessing AIE and TICT properties. Journal of Materials Chemistry C, 2020, 8, 734-741.	2.7	36
140	Achieving Efficient Multichannel Conductance in Throughâ€Space Conjugated Singleâ€Molecule Parallel Circuits. Angewandte Chemie - International Edition, 2020, 59, 4581-4588.	7.2	36
141	Turnâ€On Circularly Polarized Luminescence in Metalâ€“Organic Frameworks. Advanced Optical Materials, 2021, 9, 2002096.	3.6	36
142	Bipolar Molecules with Hybridized Local and Chargeâ€Transfer State for Highly Efficient Deepâ€Blue Organic Lightâ€Emitting Diodes with EQE of 7.4% and CIE_yÂˆ¼ 0.05. Advanced Optical Materials, 2021, 9, 2100965.	3.6	36
143	Piezochromic luminescent and electroluminescent materials comprised of tetraphenylethene plus spirobifluorene or 9,9-diphenylfluorene. Dyes and Pigments, 2014, 106, 87-93.	2.0	35
144	Aggregation-induced emission luminogens for image-guided surgery in non-human primates. Nature Communications, 2021, 12, 6485.	5.8	35

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145	Luminescent aggregates of a starburst silole-triphenylamine adduct for sensitive explosive detection. Dyes and Pigments, 2011, 91, 258-263.	2.0	34
146	Highâ€Performance Nonâ€doped OLEDs with Nearly 100â€‰% Exciton Use and Negligible Efficiency Rollâ€Off. Angewandte Chemie, 2018, 130, 9434-9438.	1.6	34
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