

Bin Xu

List of Publications by Year in descending order

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196
papers

11,145
citations

30047

54
h-index

36008

97
g-index

202
all docs

202
docs citations

202
times ranked

10414
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of Macrophase Separation and Transformation in Immiscible Polymer Blends. <i>CCS Chemistry</i> , 2023, 5, 718-728.	4.6	4
2	Fulgide Derivative-Based Solid-State Reversible Fluorescent Switches for Advanced Optical Memory. <i>CCS Chemistry</i> , 2022, 4, 132-140.	4.6	24
3	Precise Detection and Visualization of Cyclooxygenase-2 for Golgi Imaging by a Light-Up Aggregation-Induced Emission-Based Probe. <i>CCS Chemistry</i> , 2022, 4, 456-463.	4.6	11
4	Reversible Photoswitching between Fluorescence and Room Temperature Phosphorescence by Manipulating Excited State Dynamics in Molecular Aggregates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	24
5	Reversible Photoswitching between Fluorescence and Room Temperature Phosphorescence by Manipulating Excited State Dynamics in Molecular Aggregates. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
6	A covalent organic polymer for turn-on fluorescence sensing of hydrazine. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2807-2813.	2.7	11
7	Reversible Three-Color Fluorescence Switching of an Organic Molecule in the Solid State via "Pump" Trigger-Optical Manipulation. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
8	Reversible Three-Color Fluorescence Switching of an Organic Molecule in the Solid State via "Pump" Trigger-Optical Manipulation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	27
9	Discrete Platinum(II) Metallacycles with Inner- and Outer-Modified 9,10-Distyrylanthracene: Design, Self-Assembly, and Luminescence Properties. <i>Inorganic Chemistry</i> , 2022, 61, 7231-7237.	1.9	4
10	Peptide-Conjugated Aggregation-Induced Emission Fluorogenic Probe for Glypican-3 Protein Detection and Hepatocellular Carcinoma Cells Imaging. <i>Chemosensors</i> , 2022, 10, 195.	1.8	1
11	Effects of BTA2 as the third component on the charge carrier generation and recombination behavior of PTB7:PC71BM photovoltaic system. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 127-137.	2.3	6
12	Rational design of coumarin fluorophore with solvatochromism, AIE and mechanofluorochromic enhancement properties. <i>Dyes and Pigments</i> , 2021, 185, 108898.	2.0	22
13	Morphology controllable conjugated network polymers based on AIE-active building block for TNP detection. <i>Chinese Chemical Letters</i> , 2021, 32, 1037-1040.	4.8	38
14	Solid-State Reversible Dual Fluorescent Switches for Multimodality Optical Memory. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1290-1294.	2.1	25
15	Controllable molecular doping in organic single crystals toward high-efficiency light-emitting devices. <i>Organic Electronics</i> , 2021, 91, 106089.	1.4	7
16	Theoretical study on defect properties of two-dimensional multilayer Ruddlesden-Popper lead iodine perovskite. <i>Computational Materials Science</i> , 2021, 194, 110457.	1.4	7
17	Organic molecular aggregates: From aggregation structure to emission property. <i>Aggregate</i> , 2021, 2, e96.	5.2	131
18	Label-free bioassay with graphene oxide-based fluorescent aptasensors: A review. <i>Analytica Chimica Acta</i> , 2021, 1188, 338859.	2.6	26

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19	Frontispiece: Organic molecular aggregates: From aggregation structure to emission property. <i>Aggregate</i> , 2021, 2, e118.	5.2	3
20	Optical Waveguide and Photoluminescent Polarization in Organic Cocrystal Polymorphs. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9233-9238.	2.1	20
21	Recent advances in assembled AIEgens for image-guided anticancer therapy. <i>Nanotechnology</i> , 2021, 32, .	1.3	5
22	Acid Stimuli Responsive CPL from Supramolecular Assembly of AIE Molecule. <i>Journal of Physical Chemistry C</i> , 2021, 125, 21270-21276.	1.5	12
23	Recent Advances in Mechanism of AIE Mechanochromic Materials. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 100-109.	1.3	27
24	Dual-functional two-dimensional covalent organic frameworks for water sensing and harvesting. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4193-4201.	3.2	41
25	Organic Single Crystals with High Photoluminescence Quantum Yields Close to 100% and High Mobility for Optoelectronic Devices. <i>Advanced Materials</i> , 2021, 33, e2105466.	11.1	29
26	Effect of annealing temperature on internal absorption, charge recombination and internal quantum efficiency of HC(NH ₂) ₂ PbI ₃ perovskite solar cells. <i>Organic Electronics</i> , 2020, 77, 105508.	1.4	4
27	Self-assembled nanostructured photosensitizer with aggregation-induced emission for enhanced photodynamic anticancer therapy. <i>Science China Materials</i> , 2020, 63, 136-146.	3.5	25
28	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.	2.7	45
29	Covalent Organic Frameworks with Electron-Rich and Electron-Deficient Structures as Water Sensing Scaffolds. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000003.	2.0	29
30	InnenrÄ¼ktitelbild: Reversible Luminescent Switching in an Organic Cocrystal: Multi-Stimuli-Induced Crystal-to-Crystal Phase Transformation (<i>Angew. Chem.</i> 35/2020). <i>Angewandte Chemie</i> , 2020, 132, 15379-15379.	1.6	0
31	Catalase-Based Therapeutics: An Antioxidant Enzyme Therapeutic for COVID-19 (<i>Adv. Mater.</i> 43/2020). <i>Advanced Materials</i> , 2020, 32, 2070321.	11.1	1
32	Encapsulation-Dependent Enhanced Emission of Near-Infrared Nanoparticles Using in vivo Three-Photon Fluorescence Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 1029.	2.0	10
33	An Antioxidant Enzyme Therapeutic for COVID-19. <i>Advanced Materials</i> , 2020, 32, e2004901.	11.1	61
34	Fluorescent nanorods based on 9,10-distyrylanthracene (DSA) derivatives for efficient and long-term bioimaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9544-9554.	2.9	10
35	Exploiting radical-pair intersystem crossing for maximizing singlet oxygen quantum yields in pure organic fluorescent photosensitizers. <i>Chemical Science</i> , 2020, 11, 10921-10927.	3.7	17
36	Reversible Luminescent Switching in an Organic Cocrystal: Multi-Stimuli-Induced Crystal-to-Crystal Phase Transformation. <i>Angewandte Chemie</i> , 2020, 132, 15210-15215.	1.6	16

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37	Direct observation of intramolecular coplanarity regulated polymorph emission of a tetraphenylethene derivative. <i>Chinese Chemical Letters</i> , 2020, 31, 2985-2987.	4.8	10
38	Organic Laser Molecule with High Mobility, High Photoluminescence Quantum Yield, and Deep-Blue Lasing Characteristics. <i>Journal of the American Chemical Society</i> , 2020, 142, 6332-6339.	6.6	90
39	Covalent organic hollow nanospheres constructed by using AIE-active units for nitrophenol explosives detection. <i>Science China Chemistry</i> , 2020, 63, 497-503.	4.2	20
40	Pick and Place Distributed Feedback Lasers Using Organic Single Crystals. <i>Advanced Optical Materials</i> , 2020, 8, 1901785.	3.6	7
41	H-aggregate triggered mechanochromic luminescence property of 7-(diethylamino)-coumarin-3-carbaldehyde oxime derivative. <i>Tetrahedron Letters</i> , 2020, 61, 151797.	0.7	4
42	Aggregation-induced emission of a 2D protein supramolecular nanofilm with emergent functions. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1256-1267.	3.2	21
43	Organic UV-sensitive Phototransistors Based on Distriphenylamineethynylpyrene Derivatives with Ultra-high Detectivity Approaching 10^{18} . <i>Advanced Materials</i> , 2020, 32, e1907791.	11.1	71
44	Achieving Efficient Multichannel Conductance in Through-space Conjugated Single-molecule Parallel Circuits. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4581-4588.	7.2	36
45	Reversible Luminescent Switching in an Organic Cocrystal: Multi-stimuli-induced Crystal-to-Crystal Phase Transformation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15098-15103.	7.2	100
46	Polymorphism-Dependent Enhanced Emission in Molecular Aggregates: J-Aggregate versus X-Aggregate. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 10504-10510.	2.1	29
47	TICT-Based Near-Infrared Ratiometric Organic Fluorescent Thermometer for Intracellular Temperature Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26842-26851.	4.0	70
48	Co-assembly of HPV capsid proteins and aggregation-induced emission fluorogens for improved cell imaging. <i>Nanoscale</i> , 2020, 12, 5501-5506.	2.8	13
49	Tetraphenylethylene-Based Emissive Supramolecular Metallacages Assembled by Terpyridine Ligands. <i>CCS Chemistry</i> , 2020, 2, 337-348.	4.6	39
50	Neural Regeneration: Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration (<i>Adv. Mater.</i> 33/2019). <i>Advanced Materials</i> , 2019, 31, 1970233.	11.1	2
51	High-efficiency fluorescent and magnetic multimodal probe for long-term monitoring and deep penetration imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5345-5351.	2.9	22
52	Non-aromatic annulene-based aggregation-induced emission system via aromaticity reversal process. <i>Nature Communications</i> , 2019, 10, 2952.	5.8	125
53	Effect of ZnO Electron Extraction Layer on Charge Recombination and Collection Properties in Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2019, 2, 7385-7392.	2.5	26
54	Imidazole-containing cyanostilbene-based molecules with aggregation-induced emission characteristics: photophysical and electroluminescent properties. <i>New Journal of Chemistry</i> , 2019, 43, 1844-1850.	1.4	24

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55	Rhodamine-naphthalimide demonstrated a distinct aggregation-induced emission mechanism: elimination of dark-states <i>via</i> dimer interactions (EDDI). <i>Chemical Communications</i> , 2019, 55, 1446-1449.	2.2	32
56	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. <i>Advanced Materials</i> , 2019, 31, e1900727.	11.1	85
57	AI-Egen based poly(L-lactic-co-glycolic acid) magnetic nanoparticles to localize cytokine VEGF for early cancer diagnosis and photothermal therapy. <i>Nanomedicine</i> , 2019, 14, 1191-1201.	1.7	16
58	Efficiency of MAPbI ₃ -Based Planar Solar Cell Analyzed by Its Thickness-Dependent Exciton Formation, Morphology, and Crystallinity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 14810-14820.	4.0	10
59	High-quality mesoporous graphene particles as high-energy and fast-charging anodes for lithium-ion batteries. <i>Nature Communications</i> , 2019, 10, 1474.	5.8	140
60	Organic polymorphs with fluorescence switching: direct evidence for mechanical and thermal modulation of excited state transitions. <i>Chemical Communications</i> , 2019, 55, 3749-3752.	2.2	25
61	Luminescent switching and structural transition through multiple external stimuli based on organic molecular polymorphs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3263-3268.	2.7	44
62	Constructing Artificial Light-Harvesting Systems by Covalent Alignment of Aggregation-Induced Emission Molecules. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1800892.	2.0	13
63	A cyanostilbene-based molecule with aggregation-induced emission properties: amplified spontaneous emission, protonation effect and electroluminescence. <i>Science China Chemistry</i> , 2019, 62, 212-219.	4.2	11
64	Effects of DIO on the charge recombination behaviors of PTB7:PC71BM photovoltaics. <i>Organic Electronics</i> , 2019, 67, 50-56.	1.4	10
65	NIR Emission Nanoparticles Based on FRET Composed of AIE Luminogens and NIR Dyes for Two-photon Fluorescence Imaging. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 401-408.	2.0	24
66	Redox-Responsive Fluorescent Nanoparticles Based on Diselenide-containing AIEgens for Cell Imaging and Selective Cancer Therapy. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1745-1753.	1.7	16
67	Pressure-induced remarkable luminescence-changing behaviours of 9, 10-distyrylanthracene and its derivatives with distinct substituents. <i>Dyes and Pigments</i> , 2019, 161, 182-187.	2.0	11
68	Fluorescent Aptasensor Based on Aggregation-Induced Emission Probe and Carbon nanomaterials. , 2019, , 307-316.		0
69	A detour strategy for colloiddally stable block-copolymer grafted MAPbBr ₃ quantum dots in water with long photoluminescence lifetime. <i>Nanoscale</i> , 2018, 10, 5820-5826.	2.8	45
70	Tailoring the morphology of AIEgen fluorescent nanoparticles for optimal cellular uptake and imaging efficacy. <i>Chemical Science</i> , 2018, 9, 2620-2627.	3.7	32
71	Turn-on-Fluorescent Aptasensor Based on AIEgen Labeling for the Localization of IFN- β in Live Cells. <i>ACS Sensors</i> , 2018, 3, 320-326.	4.0	53
72	Influence of hole transport layers on internal absorption, charge recombination and collection in HC(NH ₂) ₂ PbI ₃ perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7922-7932.	5.2	29

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73	Remarkable pressure-induced emission enhancement based on intermolecular charge transfer in halogen bond-driven dual-component co-crystals. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 30297-30303.	1.3	18
74	Simultaneous Increase in Brightness and Singlet Oxygen Generation of an Organic Photosensitizer by Nanocrystallization. <i>Small</i> , 2018, 14, e1803325.	5.2	31
75	Piezochromic Luminescence of Donor-Acceptor Cocystals: Distinct Responses to Anisotropic Grinding and Isotropic Compression. <i>Angewandte Chemie</i> , 2018, 130, 15896-15900.	1.6	30
76	Piezochromic Luminescence of Donor-Acceptor Cocystals: Distinct Responses to Anisotropic Grinding and Isotropic Compression. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15670-15674.	7.2	172
77	Label-Free Aptamer-Based Biosensor for Specific Detection of Chloramphenicol Using AIE Probe and Graphene Oxide. <i>ACS Omega</i> , 2018, 3, 12886-12892.	1.6	60
78	Innenr¼cktitelbild: Piezochromic Luminescence of Donor-Acceptor Cocystals: Distinct Responses to Anisotropic Grinding and Isotropic Compression (<i>Angew. Chem.</i> 48/2018). <i>Angewandte Chemie</i> , 2018, 130, 16135-16135.	1.6	0
79	Spectroscopic Limited Practical Efficiency (SLPE) model for organometal halide perovskites solar cells evaluation. <i>Organic Electronics</i> , 2018, 59, 389-398.	1.4	6
80	Integrating Efficient Optical Gain in High-Mobility Organic Semiconductors for Multifunctional Optoelectronic Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1802454.	7.8	50
81	A Label-free Fluorescent Aptasensor for Turn-on Monitoring Ochratoxin A Based on AIE-active Probe and Graphene Oxide. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 363-368.	1.3	21
82	Influence of organic cations on intrinsic properties of lead iodide perovskite solar cells. <i>Organic Electronics</i> , 2018, 62, 269-276.	1.4	10
83	A theoretical study on the charge transport properties of DNA. <i>Organic Electronics</i> , 2017, 42, 244-255.	1.4	7
84	A neutral dinuclear Ir(III) complex for anti-counterfeiting and data encryption. <i>Chemical Communications</i> , 2017, 53, 3022-3025.	2.2	68
85	Insights into the origin of aggregation enhanced emission of 9,10-distyrylanthracene derivatives. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1422-1429.	3.2	47
86	Highly Efficient Three Primary Color Organic Single-Crystal Light-Emitting Devices with Balanced Carrier Injection and Transport. <i>Advanced Functional Materials</i> , 2017, 27, 1604659.	7.8	69
87	Highly efficient Far Red/Near-Infrared fluorophores with aggregation-induced emission for bioimaging. <i>Dyes and Pigments</i> , 2017, 142, 491-498.	2.0	30
88	Organic dye doped nanoparticles with NIR emission and biocompatibility for ultra-deep in vivo two-photon microscopy under 1040-nm femtosecond excitation. <i>Dyes and Pigments</i> , 2017, 143, 76-85.	2.0	31
89	Direct Observation of the Symmetrical and Asymmetrical Protonation States in Molecular Crystals. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3068-3072.	2.1	32
90	Label-free detection for SNP using AIE probes and carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 92-96.	4.0	26

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91	AIEgen with Fluorescence-Phosphorescence Dual Mechanoluminescence at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 880-884.	7.2	250
92	AIEgen with Fluorescence-Phosphorescence Dual Mechanoluminescence at Room Temperature. <i>Angewandte Chemie</i> , 2017, 129, 898-902.	1.6	90
93	AIE Nanoparticles with High Stimulated Emission Depletion Efficiency and Photobleaching Resistance for Long-Term Super-Resolution Bioimaging. <i>Advanced Materials</i> , 2017, 29, 1703643.	11.1	140
94	Solid-State Photoinduced Luminescence Switch for Advanced Anticounterfeiting and Super-Resolution Imaging Applications. <i>Journal of the American Chemical Society</i> , 2017, 139, 16036-16039.	6.6	323
95	Silica nanoparticles based on an AIE-active molecule for ratiometric detection of RNS <i>in vitro</i> . <i>Journal of Materials Chemistry B</i> , 2017, 5, 9197-9203.	2.9	29
96	A theoretical study of hybrid lead iodide perovskite homologous semiconductors with 0D, 1D, 2D and 3D structures. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16786-16795.	5.2	43
97	Construction and function of a highly efficient supramolecular luminescent system. <i>Faraday Discussions</i> , 2017, 196, 219-229.	1.6	17
98	Multifunctional polymer nanoparticles: ultra bright near-infrared fluorescence and strong magnetization and their biological applications. <i>RSC Advances</i> , 2016, 6, 65426-65433.	1.7	5
99	Highly Efficient Far Red/Near-Infrared Solid Fluorophores: Aggregation-Induced Emission, Intramolecular Charge Transfer, Twisted Molecular Conformation, and Bioimaging Applications. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 155-159.	7.2	257
100	Tunable Supramolecular Interactions of Aggregation-Induced Emission Probe and Graphene Oxide with Biomolecules: An Approach toward Ultrasensitive Label-Free and Turn-On DNA Sensing. <i>Small</i> , 2016, 12, 5.2 6613-6622.		75
101	Aggregation Induced Emission of 9,10-Distyrylanthracene Derivatives: Molecular Design and Applications. <i>ACS Symposium Series</i> , 2016, , 113-136.	0.5	6
102	Synthesis and structural characterization of iron complexes bearing N-aryl-phenanthren-o-iminoquinone ligands. <i>Dalton Transactions</i> , 2016, 45, 17966-17973.	1.6	7
103	Intracellular pH sensing using polymeric micelle containing tetraphenylethylene-oxazolidine. <i>Polymer Chemistry</i> , 2016, 7, 5273-5280.	1.9	21
104	Trap-limited bimolecular recombination in poly(3-hexylthiophene): Fullerene blend films. <i>Organic Electronics</i> , 2016, 38, 8-14.	1.4	10
105	Supramolecular Hybrids of AIEgen with Carbon Dots for Noninvasive Long-Term Bioimaging. <i>Chemistry of Materials</i> , 2016, 28, 8825-8833.	3.2	59
106	A comprehensive theoretical study of halide perovskites ABX ₃ . <i>Organic Electronics</i> , 2016, 37, 61-73.	1.4	186
107	A label-free aptasensor for turn-on fluorescent detection of ATP based on AIE-active probe and water-soluble carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 556-558.	4.0	63
108	Fluorescent nanoparticles based on AIE fluorogens for bioimaging. <i>Nanoscale</i> , 2016, 8, 2471-2487.	2.8	236

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109	Efficient Near-infrared AIE Nanoparticles for Cell Imaging. <i>Acta Chimica Sinica</i> , 2016, 74, 917.	0.5	7
110	Scenario tree reduction in stochastic programming with recourse for hydropower operations. <i>Water Resources Research</i> , 2015, 51, 6359-6380.	1.7	58
111	Remarkable Turn-On and Color-Tuned Piezochromic Luminescence: Mechanically Switching Intramolecular Charge Transfer in Molecular Crystals. <i>Advanced Functional Materials</i> , 2015, 25, 4005-4010.	7.8	308
112	Study on the Degradation of the Highly Reactive Hypervalent Trifluoromethylation Iodine Reagent $\text{PhI}(\text{OAc})(\text{CF}_3)_3$. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1365-1370.	2.6	3
113	Theoretical Study of Electronic Structures and Charge Transport Properties of 9,10-Bis((E)-2-(pyridin-2-yl)vinyl) (n=2,3,4) Anthracene. <i>Chinese Journal of Chemistry</i> , 2015, 33, 974-980.		1
114	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. <i>Chemical Science</i> , 2015, 6, 1932-1937.	3.7	259
115	Low-Loss Optical Waveguide and Highly Polarized Emission in a Uniaxially Oriented Molecular Crystal Based on 9,10-Distyrylanthracene Derivatives. <i>ACS Photonics</i> , 2015, 2, 313-318.	3.2	29
116	Engineering Ultra Long Charge Carrier Lifetimes in Organic Electronic Devices at Room Temperature. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400555.	1.9	21
117	Efficient Spontaneous and Stimulated Emission from 1,4-Bis(2,2-diphenylvinyl)benzene Single Crystals with Cross-Dipole Stacking. <i>Advanced Optical Materials</i> , 2015, 3, 763-768.	3.6	21
118	Measuring electron and hole mobilities in organic systems: charge selective CELIV. <i>Synthetic Metals</i> , 2015, 203, 187-191.	2.1	20
119	Highly efficient near-infrared organic dots based on novel AEE fluorogen for specific cancer cell imaging. <i>RSC Advances</i> , 2015, 5, 36837-36844.	1.7	26
120	Investigation of the binding modes between AIE-active molecules and dsDNA by single molecule force spectroscopy. <i>Nanoscale</i> , 2015, 7, 8939-8945.	2.8	25
121	Turn-on sensing for Ag^+ based on AIE-active fluorescent probe and cytosine-rich DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2625-2630.	1.9	30
122	High-Efficiency Aqueous-Solution-Processed Hybrid Solar Cells Based on P3HT Dots and CdTe Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7146-7152.	4.0	26
123	Polymorphism dependent charge transport property of 9,10-bis((E)-2-(pyrid-2-yl)vinyl)anthracene: a theoretical study. <i>RSC Advances</i> , 2015, 5, 18875-18880.	1.7	7
124	Well-Defined Thiolated Nanographene as Hole-Transporting Material for Efficient and Stable Perovskite Solar Cells. <i>Journal of the American Chemical Society</i> , 2015, 137, 10914-10917.	6.6	229
125	Organic semiconductors with a charge carrier life time of over 2 hours at room temperature. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12260-12266.	2.7	11
126	Polymer grafts on zirconia particles and their application as supports of hybrid catalyst. <i>Polymer International</i> , 2015, 64, 804-810.	1.6	6

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127	Supramolecular assembly-induced yellow emission of 9,10-distyrylanthracene bridged bis(pillar[5]arene)s. <i>Chemical Communications</i> , 2015, 51, 5526-5529.	2.2	115
128	Reversible Multistimuli-Response Fluorescent Switch Based on Tetraphenylethene-Spiropyran Molecules. <i>Chemistry - A European Journal</i> , 2015, 21, 1149-1155.	1.7	86
129	Polymer Brushes on Planar TiO ₂ Substrates. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1224-1229.	2.0	13
130	Aggregation induced enhanced emission of conjugated dendrimers with a large intrinsic two-photon absorption cross-section. <i>Polymer Chemistry</i> , 2014, 5, 479-488.	1.9	52
131	Highly sensitive determination of ssDNA and real-time sensing of nuclease activity and inhibition based on the controlled self-assembly of a 9,10-distyrylanthracene probe. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 851-858.	1.9	16
132	An Organic Luminescent Molecule: What Will Happen When the "Butterflies" Come Together?. <i>Advanced Materials</i> , 2014, 26, 739-745.	11.1	142
133	High-performance two-photon absorption luminophores: large action cross sections, free from fluorescence quenching and tunable emission of efficient non-doped organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3416.	2.7	25
134	Fluorescent Aptasensor Based on Aggregation-Induced Emission Probe and Graphene Oxide. <i>Analytical Chemistry</i> , 2014, 86, 298-303.	3.2	92
135	Ultra bright red AIE dots for cytoplasm and nuclear imaging. <i>Polymer Chemistry</i> , 2014, 5, 7013-7020.	1.9	50
136	Folic acid-functionalized AIE Pdots based on amphiphilic PCL-b-PEG for targeted cell imaging. <i>Polymer Chemistry</i> , 2014, 5, 3824-3830.	1.9	56
137	An AIE-active luminophore with tunable and remarkable fluorescence switching based on the piezo and protonation-deprotonation control. <i>Chemical Communications</i> , 2014, 50, 7374-7377.	2.2	161
138	Stimuli-responsive blue fluorescent supramolecular polymers based on a pillar[5]arene tetramer. <i>Chemical Communications</i> , 2014, 50, 8231.	2.2	177
139	A sensitive and selective "turn-on" fluorescent probe for Hg ²⁺ based on thymine-Hg ²⁺ -thymine complex with an aggregation-induced emission feature. <i>Analytical Methods</i> , 2014, 6, 2338-2342.	1.3	34
140	The substituent effect on charge transport property of triisopropylsilylethynyl anthracene derivatives. <i>Organic Electronics</i> , 2014, 15, 2476-2485.	1.4	27
141	Proton-Triggered Hypsochromic Luminescence in 1,1'-((2,5-Distyryl-1,4-phenylene) Dipiperidine. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2781-2784.	2.1	38
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