

# 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	Piezochromic Luminescence Based on the Molecular Aggregation of 9,10-Bis(( <i>E</i> )-2-(pyridin-2-yl)vinyl)anthracene. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10782-10785.	7.2	787
2	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
3	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
4	Aggregation-Induced Emission in the Crystals of 9,10-Distyrylanthracene Derivatives: The Essential Role of Restricted Intramolecular Torsion. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9892-9899.	1.5	283
5	Aggregation-Induced Emission of <i>cis,cis</i> -1,2,3,4-Tetraphenylbutadiene from Restricted Intramolecular Rotation. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7522-7526.	1.1	265
6	Tetraphenylpyrazine-based AIEgens: facile preparation and tunable light emission. <i>Chemical Science</i> , 2015, 6, 1932-1937.	3.7	259
7	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
8	AIEgen with Fluorescence-Phosphorescence Dual Mechanoluminescence at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 880-884.	7.2	250
9	Fluorescent nanoparticles based on AIE fluorogens for bioimaging. <i>Nanoscale</i> , 2016, 8, 2471-2487.	2.8	236
10	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
11	Multi-stimuli responsive fluorescence switching: the reversible piezochromism and protonation effect of a divinylanthracene derivative. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7554.	2.7	197
12	A comprehensive theoretical study of halide perovskites ABX <sub>3</sub> . <i>Organic Electronics</i> , 2016, 37, 61-73.	1.4	186
13	Stimuli-responsive blue fluorescent supramolecular polymers based on a pillar[5]arene tetramer. <i>Chemical Communications</i> , 2014, 50, 8231.	2.2	177
14	Piezochromic Luminescence of Donor-Acceptor Cocrystals: Distinct Responses to Anisotropic Grinding and Isotropic Compression. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15670-15674.	7.2	172
15	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
16	Novel Fluorescent pH Sensors and a Biological Probe Based on Anthracene Derivatives with Aggregation-Induced Emission Characteristics. <i>Langmuir</i> , 2010, 26, 6838-6844.	1.6	156
17	Self-assembled graphene quantum dots induced by cytochrome c: a novel biosensor for trypsin with remarkable fluorescence enhancement. <i>Nanoscale</i> , 2013, 5, 7776.	2.8	142
18	An Organic Luminescent Molecule: What Will Happen When the "Butterflies" Come Together?. <i>Advanced Materials</i> , 2014, 26, 739-745.	11.1	142

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19	Mechanochromism and Polymorphism-Dependent Emission of Tetrakis(4-(dimethylamino)phenyl)ethylene. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24997-25003.	1.5	140
20	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
21	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
22	Folic acid-functionalized mesoporous silica nanospheres hybridized with AIE luminogens for targeted cancer cell imaging. <i>Nanoscale</i> , 2013, 5, 2065.	2.8	133
23	Organic molecular aggregates: From aggregation structure to emission property. <i>Aggregate</i> , 2021, 2, e96.	5.2	131
24	An aggregation-induced emission luminophore with multi-stimuli single- and two-photon fluorescence switching and large two-photon absorption cross section. <i>Chemical Communications</i> , 2013, 49, 273-275.	2.2	126
25	Non-aromatic annulene-based aggregation-induced emission system via aromaticity reversal process. <i>Nature Communications</i> , 2019, 10, 2952.	5.8	125
26	Energy Level and Molecular Structure Engineering of Conjugated Donor-Acceptor Copolymers for Photovoltaic Applications. <i>Macromolecules</i> , 2009, 42, 4491-4499.	2.2	118
27	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
28	Remarkable fluorescence change based on the protonation-deprotonation control in organic crystals. <i>Chemical Communications</i> , 2013, 49, 3878.	2.2	111
29	AIE (AIEE) and mechanofluorochromic performances of TPE-methoxylates: effects of single molecular conformations. <i>RSC Advances</i> , 2013, 3, 7996.	1.7	108
30	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
31	Fluorescent Aptasensor Based on Aggregation-Induced Emission Probe and Graphene Oxide. <i>Analytical Chemistry</i> , 2014, 86, 298-303.	3.2	92
32	Photoluminescence Spectral Reliance on Aggregation Order of 1,1-Bis(2-thienyl)-2,3,4,5-tetraphenylsilole. <i>Journal of Physical Chemistry B</i> , 2005, 109, 17086-17093.	1.2	91
33	AIEgen with Fluorescence-Phosphorescence Dual Mechanoluminescence at Room Temperature. <i>Angewandte Chemie</i> , 2017, 129, 898-902.	1.6	90
34	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
35	Synthesis and properties of polythiophene derivatives containing triphenylamine moiety and their photovoltaic applications. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3970-3984.	2.5	89
36	Aggregation emission properties and self-assembly of conjugated oligocarbazoles. <i>Chemical Communications</i> , 2011, 47, 6602.	2.2	88

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37	Oligo(phenothiazine)s: Twisted Intramolecular Charge Transfer and Aggregation-Induced Emission. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23117-23125.	1.5	86
38	Reversible Multistimuli-Response Fluorescent Switch Based on Tetraphenylethene-Spiropyran Molecules. <i>Chemistry - A European Journal</i> , 2015, 21, 1149-1155.	1.7	86
39	Efficient Delivery of Nerve Growth Factors to the Central Nervous System for Neural Regeneration. <i>Advanced Materials</i> , 2019, 31, e1900727.	11.1	85
40	Solution-processable and thermal-stable triphenylamine-based dendrimers with truxene cores as hole-transporting materials for organic light-emitting devices. <i>Organic Electronics</i> , 2009, 10, 954-959.	1.4	82
41	Design and synthesis of solution processable small molecules towards high photovoltaic performance. <i>Journal of Materials Chemistry</i> , 2011, 21, 2159-2168.	6.7	81
42	Tunable Supramolecular Interactions of Aggregation-Induced Emission Probe and Graphene Oxide with Biomolecules: An Approach toward Ultrasensitive Label-Free and Turn-Off DNA Sensing. <i>Small</i> , 2016, 12, 5.2, 6613-6622.		75
43	Efficient Bulk-Heterojunction Solar Cells Based on a Symmetrical D-A-D Organic Dye Molecule. <i>Journal of Physical Chemistry C</i> , 2009, 113, 12911-12917.	1.5	73
44	Synthesis of 4,7-Diphenyl-2,1,3-Benzothiadiazole-Based Copolymers and Their Photovoltaic Applications. <i>Macromolecules</i> , 2009, 42, 4977-4984.	2.2	72
45	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
46	TICT-Based Near-Infrared Ratiometric Organic Fluorescent Thermometer for Intracellular Temperature Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 26842-26851.	4.0	70
47	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
48	A neutral dinuclear Ir(III) complex for anti-counterfeiting and data encryption. <i>Chemical Communications</i> , 2017, 53, 3022-3025.	2.2	68
49	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
50	An Antioxidant Enzyme Therapeutic for COVID-19. <i>Advanced Materials</i> , 2020, 32, e2004901.	11.1	61
51	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
52	Supramolecular Hybrids of AIEgen with Carbon Dots for Noninvasive Long-Term Bioimaging. <i>Chemistry of Materials</i> , 2016, 28, 8825-8833.	3.2	59
53	Efficient polymer/nanocrystal hybrid solar cells fabricated from aqueous materials. <i>Energy and Environmental Science</i> , 2011, 4, 2831.	15.6	58
54	Scenario tree reduction in stochastic programming with recourse for hydropower operations. <i>Water Resources Research</i> , 2015, 51, 6359-6380.	1.7	58

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55	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
56	A highly sensitive "turn-on" fluorescent probe for bovine serum albumin protein detection and quantification based on AIE-active distyrylanthracene derivative. <i>Science China Chemistry</i> , 2013, 56, 1234-1238.	4.2	55
57	"Turn-on" Fluorescent Aptasensor Based on AIEgen Labeling for the Localization of IFN- $\beta$ in Live Cells. <i>ACS Sensors</i> , 2018, 3, 320-326.	4.0	53
58	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
59	White Light from Excimer and Electromer in Single-Emitting-Component Electroluminescent Diodes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 8511-8515.	1.5	51
60	Ultra bright red AIE dots for cytoplasm and nuclear imaging. <i>Polymer Chemistry</i> , 2014, 5, 7013-7020.	1.9	50
61	Integrating Efficient Optical Gain in High-Mobility Organic Semiconductors for Multifunctional Optoelectronic Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1802454.	7.8	50
62	Efficient blue lighting materials based on truxene-cored anthracene derivatives for electroluminescent devices. <i>Tetrahedron</i> , 2010, 66, 7577-7582.	1.0	49
63	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
64	A facile convergent procedure for the preparation of triphenylamine-based dendrimers with truxene cores. <i>Tetrahedron</i> , 2008, 64, 5736-5742.	1.0	46
65	Solid state emission enhancement of 9,10-distyrylanthracene derivatives and amplified spontaneous emission from a large single crystal. <i>New Journal of Chemistry</i> , 2010, 34, 1838.	1.4	46
66	Supramolecular interactions induced fluorescent organic nanowires with high quantum yield based on 9,10-distyrylanthracene. <i>CrystEngComm</i> , 2012, 14, 6593.	1.3	45
67	A detour strategy for colloiddally stable block-copolymer grafted MAPbBr <sub>3</sub> quantum dots in water with long photoluminescence lifetime. <i>Nanoscale</i> , 2018, 10, 5820-5826.	2.8	45
68	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
69	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
70	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
71	Synthesis and photovoltaic properties of novel solution-processable triphenylamine-based dendrimers with sulfonyldibenzene cores. <i>New Journal of Chemistry</i> , 2009, 33, 2120.	1.4	42
72	Synthesis, characterization, two-photon absorption, and optical limiting properties of triphenylamine-based dendrimers. <i>New Journal of Chemistry</i> , 2009, 33, 2457.	1.4	42

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73	New amorphous small moleculesâ€”Synthesis, characterization and their application in bulk heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 2272-2280.	3.0	42
74	Label-free fluorescence turn-on detection of Pb <sup>2+</sup> based on AIE-active quaternary ammonium salt of 9,10-distyrylanthracene. <i>Analytical Methods</i> , 2013, 5, 438-441.	1.3	42
75	Novel low-bandgap oligothiophene-based donor-acceptor alternating conjugated copolymers: Synthesis, properties, and photovoltaic applications. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2765-2776.	2.5	41
76	Dual-functional two-dimensional covalent organic frameworks for water sensing and harvesting. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4193-4201.	3.2	41
77	Two-photon induced amplified spontaneous emission from needlelike triphenylamine-containing derivative crystals with low threshold. <i>Applied Physics Letters</i> , 2009, 94, 201113.	1.5	39
78	Theoretical investigation of electronic structure and charge transport property of 9,10-distyrylanthracene (DSA) derivatives with high solid-state luminescent efficiency. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2449.	1.3	39
79	Tetraphenylethylene-Based Emissive Supramolecular Metallacages Assembled by Terpyridine Ligands. <i>CCS Chemistry</i> , 2020, 2, 337-348.	4.6	39
80	Proton-Triggered Hypsochromic Luminescence in 1,1â€²-(2,5-Distyryl-1,4-phenylene) Dipiperidine. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2781-2784.	2.1	38
81	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
82	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
83	A sensitive and selective â€œturn-onâ€ fluorescent probe for Hg <sup>2+</sup> based on thymineâ€”Hg <sup>2+</sup> â€”thymine complex with an aggregation-induced emission feature. <i>Analytical Methods</i> , 2014, 6, 2338-2342.	1.3	34
84	Molecular Engineering of Copolymers with Donor-Acceptor Structure for Bulk Heterojunction Photovoltaic Cells Toward High Photovoltaic Performance. <i>Journal of Physical Chemistry C</i> , 2011, 115, 2386-2397.	1.5	32
85	Synthesis and Photovoltaic Properties of Thieno[3,4- <i>c</i> ]pyrrole-4,6-dione-based donor-acceptor Copolymers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3758-3766.	2.5	32
86	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
87	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
88	Rhodamine-naphthalimide demonstrated a distinct aggregation-induced emission mechanism: elimination of dark-states via dimer interactions (EDDI). <i>Chemical Communications</i> , 2019, 55, 1446-1449.	2.2	32
89	Molecular structure-property engineering for photovoltaic applications: Fluorene-acceptor alternating conjugated copolymers with varied bridged moieties. <i>Polymer</i> , 2010, 51, 1786-1795.	1.8	31
90	Donor-acceptor copolymers incorporating polybenzo[1,2- <i>b</i> :4,5- <i>b'</i> ]dithiophene and tetrazine for high open circuit voltage polymer solar cells. <i>Organic Electronics</i> , 2013, 14, 2124-2131.	1.4	31

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91	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
92	Simultaneous Increase in Brightness and Singlet Oxygen Generation of an Organic Photosensitizer by Nanocrystallization. <i>Small</i> , 2018, 14, e1803325.	5.2	31
93	A benzo[1,2-b:4,5-b']dithiophene-based copolymer with deep HOMO level for efficient polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2012, 100, 239-245.	3.0	30
94	Turn-on sensing for Ag <sup>+</sup> based on AIE-active fluorescent probe and cytosine-rich DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2625-2630.	1.9	30
95	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
96	Piezochromic Luminescence of Donor-Acceptor Cocrystals: Distinct Responses to Anisotropic Grinding and Isotropic Compression. <i>Angewandte Chemie</i> , 2018, 130, 15896-15900.	1.6	30
97	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
98	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
99	Influence of hole transport layers on internal absorption, charge recombination and collection in HC(NH <sub>2</sub> ) <sub>2</sub> PbI <sub>3</sub> perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7922-7932.	5.2	29
100	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
101	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
102	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
103	Synthesis and Photovoltaic Properties of Solution Processable Small Molecules Containing 2-Pyran-4-ylidenemalononitrile and Oligothiophene Moieties. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18270-18278.	1.5	28
104	Synthesis and photovoltaic properties of poly(p-phenylenevinylene) derivatives containing oxadiazole. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1003-1012.	2.5	27
105	The substituent effect on charge transport property of triisopropylsilylethynyl anthracene derivatives. <i>Organic Electronics</i> , 2014, 15, 2476-2485.	1.4	27
106	Recent Advances in Mechanism of AIE Mechanochromic Materials. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 100-109.	1.3	27
107	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
108	The photophysical properties and two-photon absorption of novel triphenylamine-based dendrimers. <i>Dyes and Pigments</i> , 2011, 90, 269-274.	2.0	26

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109	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
110	High-Efficiency Aqueous-Solution-Processed Hybrid Solar Cells Based on P3HT Dots and CdTe Nanocrystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 7146-7152.	4.0	26
111	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
112	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
113	Label-free bioassay with graphene oxide-based fluorescent aptasensors: A review. <i>Analytica Chimica Acta</i> , 2021, 1188, 338859.	2.6	26
114	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
115	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
116	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
117	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
118	Solid-State Reversible Dual Fluorescent Switches for Multimodality Optical Memory. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1290-1294.	2.1	25
119	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
120	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
121	Fulgide Derivative-Based Solid-State Reversible Fluorescent Switches for Advanced Optical Memory. <i>CCS Chemistry</i> , 2022, 4, 132-140.	4.6	24
122	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
123	Photo- and vapor-responsive conducting microwires based on Pt <sup>2+</sup> -Pt interactions. <i>Chemical Communications</i> , 2010, 46, 7727.	2.2	22
124	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
125	Rational design of coumarin fluorophore with solvatochromism, AIE and mechanofluorochromic enhancement properties. <i>Dyes and Pigments</i> , 2021, 185, 108898.	2.0	22
126	Engineering Ultra Long Charge Carrier Lifetimes in Organic Electronic Devices at Room Temperature. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400555.	1.9	21



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127	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
128	Intracellular pH sensing using polymeric micelle containing tetraphenylethylene-oxazolidine. <i>Polymer Chemistry</i> , 2016, 7, 5273-5280.	1.9	21
129	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
130	Aggregation-induced emission of a 2D protein supramolecular nanofilm with emergent functions. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1256-1267.	3.2	21
131	Measuring electron and hole mobilities in organic systems: charge selective CELIV. <i>Synthetic Metals</i> , 2015, 203, 187-191.	2.1	20
132	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
133	Optical Waveguide and Photoluminescent Polarization in Organic Cocrystal Polymorphs. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9233-9238.	2.1	20
134	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
135	Construction and function of a highly efficient supramolecular luminescent system. <i>Faraday Discussions</i> , 2017, 196, 219-229.	1.6	17
136	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
137	A fullerene dyad with a tri(octyloxy)benzene moiety induced efficient nanoscale active layer for the poly(3-hexylthiophene)-based bulk heterojunction solar cell applications. <i>Chemical Communications</i> , 2013, 49, 4917.	2.2	16
138	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
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