

Wei-Hong Zhu

List of Publications by Year in descending order

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325
papers

25,614
citations

4658

85
h-index

8630

146
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339
all docs

339
docs citations

339
times ranked

18993
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic sensitizers from Dâ€“A to Dâ€“A: effect of the internal electron-withdrawing units on molecular absorption, energy levels and photovoltaic performances. <i>Chemical Society Reviews</i> , 2013, 42, 2039-2058.	38.1	997
2	Recent progress on polymer-based fluorescent and colorimetric chemosensors. <i>Chemical Society Reviews</i> , 2011, 40, 79-93.	38.1	897
3	Sulfone-containing covalent organic frameworks for photocatalytic hydrogen evolution from water. <i>Nature Chemistry</i> , 2018, 10, 1180-1189.	13.6	883
4	Organic Dâ€“A Solar Cell Sensitizers with Improved Stability and Spectral Response. <i>Advanced Functional Materials</i> , 2011, 21, 756-763.	14.9	601
5	Development of Ion Chemosensors Based on Porphyrin Analogues. <i>Chemical Reviews</i> , 2017, 117, 2203-2256.	47.7	506
6	<i>In Vivo</i> and <i>In Situ</i> Tracking Cancer Chemotherapy by Highly Photostable NIR Fluorescent Theranostic Prodrug. <i>Journal of the American Chemical Society</i> , 2014, 136, 3579-3588.	13.7	494
7	Real-Time Tracking and <i>In Vivo</i> Visualization of Î²-Galactosidase Activity in Colorectal Tumor with a Ratiometric Near-Infrared Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 5334-5340.	13.7	432
8	Fluorescent and colorimetric ion probes based on conjugated oligopyrroles. <i>Chemical Society Reviews</i> , 2015, 44, 1101-1112.	38.1	374
9	Farâ€“Red and Nearâ€“IR AIEâ€“Active Fluorescent Organic Nanoprobes with Enhanced Tumorâ€“Targeting Efficacy: Shapeâ€“Specific Effects. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7275-7280.	13.8	361
10	Rational Design of Near-Infrared Aggregation-Induced-Emission-Active Probes: <i>In Situ</i> Mapping of Amyloid-Î² Plaques with Ultrasensitivity and High-Fidelity. <i>Journal of the American Chemical Society</i> , 2019, 141, 3171-3177.	13.7	341
11	High-conversion-efficiency organic dye-sensitized solar cells: molecular engineering on Dâ€“A featured organic indoline dyes. <i>Energy and Environmental Science</i> , 2012, 5, 8261.	30.8	308
12	Porphyrin Cosensitization for a Photovoltaic Efficiency of 11.5%: A Record for Non-Ruthenium Solar Cells Based on Iodine Electrolyte. <i>Journal of the American Chemical Society</i> , 2015, 137, 14055-14058.	13.7	302
13	Insight into Dâ€“A Structured Sensitizers: A Promising Route to Highly Efficient and Stable Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9307-9318.	8.0	278
14	Aggregation-induced emission: a coming-of-age ceremony at the age of eighteen. <i>Science China Chemistry</i> , 2019, 62, 1090-1098.	8.2	269
15	Förster Resonance Energy Transfer Switchable Self-Assembled Micellar Nanoprobe: Ratiometric Fluorescent Trapping of Endogenous H ₂ S Generation via Fluvastatin-Stimulated Upregulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 8490-8498.	13.7	268
16	A dual-response BODIPY-based fluorescent probe for the discrimination of glutathione from cysteine and homocysteine. <i>Chemical Science</i> , 2015, 6, 2584-2589.	7.4	263
17	Dicyanomethylene-4H-pyran chromophores for OLED emitters, logic gates and optical chemosensors. <i>Chemical Communications</i> , 2012, 48, 6073.	4.1	258
18	Incorporating Benzotriazole Moiety to Construct Dâ€“A Organic Sensitizers for Solar Cells: Significant Enhancement of Open-Circuit Photovoltage with Long Alkyl Group. <i>Chemistry of Materials</i> , 2011, 23, 4394-4401.	6.7	253

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19	A Fluorophore Capable of Crossword Puzzles and Logic Memory. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5549-5553.	13.8	251
20	Light-Triggered Reversible Supramolecular Transformations of Multi-Bisthiénylene Hexagons. <i>Journal of the American Chemical Society</i> , 2012, 134, 13596-13599.	13.7	236
21	Efficient and Stable Chemical Passivation on Perovskite Surface via Bidentate Anchoring. <i>Advanced Energy Materials</i> , 2019, 9, 1803573.	19.5	232
22	A novel Dâ€‘A-â€‘A organic sensitizer containing a diketopyrrolopyrrole unit with a branched alkyl chain for highly efficient and stable dye-sensitized solar cells. <i>Chemical Communications</i> , 2012, 48, 6972.	4.1	229
23	Efficient Solar Cells Sensitized by Porphyrins with an Extended Conjugation Framework and a Carbazole Donor: From Molecular Design to Cosensitization. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10779-10783.	13.8	229
24	A near-infrared colorimetric fluorescent chemodosimeter for the detection of glutathione in living cells. <i>Chemical Communications</i> , 2014, 50, 1751.	4.1	198
25	Ultrafast synthesis of highly luminescent green- to near infrared-emitting CdTe nanocrystals in aqueous phase. <i>Journal of Materials Chemistry</i> , 2008, 18, 2807.	6.7	196
26	Hexylthiopheneâ€‘Featured Dâ€‘Aâ€‘iâ€‘A Structural Indoline Chromophores for Coadsorbentâ€‘Free and Panchromatic Dyeâ€‘Sensitized Solar Cells. <i>Advanced Energy Materials</i> , 2012, 2, 149-156.	19.5	190
27	Reconstructed covalent organic frameworks. <i>Nature</i> , 2022, 604, 72-79.	27.8	190
28	Constructing High-Efficiency Dâ€‘Aâ€‘iâ€‘A-Featured Solar Cell Sensitizers: a Promising Building Block of 2,3-Diphenylquinoxaline for Antiaggregation and Photostability. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4986-4995.	8.0	187
29	Self-Assembly Solid-State Enhanced Red Emission of Quinolinemalononitrile: Optical Waveguides and Stimuli Response. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 192-198.	8.0	183
30	A novel NIR fluorescent turn-on sensor for the detection of pyrophosphate anion in complete water system. <i>Chemical Communications</i> , 2012, 48, 1784.	4.1	182
31	Molecular engineering strategies for fabricating efficient porphyrin-based dye-sensitized solar cells. <i>Energy and Environmental Science</i> , 2020, 13, 1617-1657.	30.8	178
32	Colorimetric fluoride sensors based on deprotonation of pyrroleâ€‘hemiquinone compounds. <i>Chemical Communications</i> , 2010, 46, 3669.	4.1	177
33	Conveniently synthesized isophorone dyes for high efficiency dye-sensitized solar cells: tuning photovoltaic performance by structural modification of donor group in donorâ€‘â€‘acceptor system. <i>Chemical Communications</i> , 2009, , 1766.	4.1	176
34	Selective and sensitive â€‘turn-onâ€‘fluorescent Zn ²⁺ sensors based on di- and tripyrrins with readily modulated emission wavelengths. <i>Chemical Communications</i> , 2011, 47, 5431-5433.	4.1	173
35	Efficient Solar Cells Based on Concerted Companion Dyes Containing Two Complementary Components: An Alternative Approach for Cosensitization. <i>Journal of the American Chemical Society</i> , 2020, 142, 5154-5161.	13.7	172
36	A colorimetric and fluorescent turn-on sensor for pyrophosphate anion based on a dicyanomethylene-4H-chromene framework. <i>Chemical Communications</i> , 2008, , 5143.	4.1	171

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37	Constructing Organic D-A- π -A Featured Sensitizers with a Quinoxaline Unit for High-Efficiency Solar Cells: The Effect of an Auxiliary Acceptor on the Absorption and the Energy Level Alignment. Chemistry - A European Journal, 2012, 18, 8190-8200.	3.3	171
38	Quantitative Photoswitching in Bis(dithiazole)ethene Enables Modulation of Light for Encoding Optical Signals. Angewandte Chemie - International Edition, 2014, 53, 2090-2094.	13.8	171
39	Selective, sensitive and reversible off-on fluorescent cyanide probes based on 2,2'-dipyridylaminoanthracene-Cu ²⁺ ensembles. Chemical Communications, 2012, 48, 11513.	4.1	170
40	Near-IR Core-Substituted Naphthalenediimide Fluorescent Chemosensors for Zinc Ions: Ligand Effects on PET and ICT Channels. Chemistry - A European Journal, 2010, 16, 8355-8364.	3.3	163
41	Near-Infrared Cell-Permeable Hg ²⁺ -Selective Ratiometric Fluorescent Chemodosimeters and Fast Indicator Paper for MeHg ⁺ Based on Tricarbocyanines. Chemistry - A European Journal, 2010, 16, 14424-14432.	3.3	163
42	Semi-Locked Tetrathienylethene as a Building Block for Hole-Transporting Materials: Toward Efficient and Stable Perovskite Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 3784-3789.	13.8	163
43	Hydrophilic Copolymer Bearing Dicyanomethylene-4 <i>H</i> -pyran Moiety As Fluorescent Film Sensor for Cu ²⁺ and Pyrophosphate Anion. Macromolecules, 2010, 43, 739-744.	4.8	159
44	Insight into aggregation-induced emission characteristics of red-emissive quinoline-malononitrile by cell tracking and real-time trypsin detection. Chemical Science, 2014, 5, 1383.	7.4	159
45	Dual Intratumoral Redox/Enzyme-Responsive NO-Releasing Nanomedicine for the Specific, High-Efficacy, and Low-Toxic Cancer Therapy. Advanced Materials, 2018, 30, e1704490.	21.0	155
46	Langmuir-Blodgett Films of Single-Wall Carbon Nanotubes: Layer-by-layer Deposition and In-plane Orientation of Tubes. Japanese Journal of Applied Physics, 2003, 42, 7629-7634.	1.5	152
47	A highly sensitive and selective chemosensor for cyanide. Talanta, 2008, 75, 760-764.	5.5	152
48	Steric hindrance-enforced distortion as a general strategy for the design of fluorescence off-on cyanide probes. Chemical Communications, 2013, 49, 10136.	4.1	151
49	D-A- π -A Featured Sensitizers Bearing Phthalimide and Benzotriazole as Auxiliary Acceptor: Effect on Absorption and Charge Recombination Dynamics in Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2012, 4, 1822-1830.	8.0	148
50	Comprehensive control of voltage loss enables 11.7% efficient solid-state dye-sensitized solar cells. Energy and Environmental Science, 2018, 11, 1779-1787.	30.8	148
51	Low cost and stable quinoxaline-based hole-transporting materials with a D-A- π -D molecular configuration for efficient perovskite solar cells. Chemical Science, 2018, 9, 5919-5928.	7.4	146
52	An enzyme-activatable probe liberating AIEgens: on-site sensing and long-term tracking of β -galactosidase in ovarian cancer cells. Chemical Science, 2019, 10, 398-405.	7.4	146
53	Enabling Light Work in Helical Self-Assembly for Dynamic Amplification of Chirality with Photoreversibility. Journal of the American Chemical Society, 2016, 138, 2219-2224.	13.7	142
54	A Coplanar π -Extended Quinoxaline Based Hole-Transporting Material Enabling over 21% Efficiency for Dopant-Free Perovskite Solar Cells. Angewandte Chemie - International Edition, 2021, 60, 2674-2679.	13.8	140

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55	Porphyrins Containing a Triphenylamine Donor and up to Eight Alkoxy Chains for Dye-Sensitized Solar Cells: A High Efficiency of 10.9%. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27976-27985.	8.0	137
56	Dual-channel NIR activatable theranostic prodrug for in vivo spatiotemporal tracking thiol-triggered chemotherapy. <i>Chemical Science</i> , 2016, 7, 4958-4965.	7.4	135
57	High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9812-9825.	13.8	134
58	β -Monoacylated and β , β - and β , β -Diacylated Dipyrins as Highly Sensitive Fluorescence "Turn-on" Zn ²⁺ Probes. <i>Journal of Organic Chemistry</i> , 2013, 78, 5328-5338.	3.2	129
59	Separation of Photoactive Conformers Based on Hindered Diarylethenes: Efficient Modulation in Photocyclization Quantum Yields. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4603-4607.	13.8	123
60	A molecular design strategy toward enzyme-activated probes with near-infrared I and II fluorescence for targeted cancer imaging. <i>Chemical Science</i> , 2019, 10, 7222-7227.	7.4	123
61	Stability enhancement of fluorophores for lighting up practical application in bioimaging. <i>Chemical Society Reviews</i> , 2015, 44, 4179-4184.	38.1	122
62	One-pot synthesis of highly luminescent CdTe/CdS core/shell nanocrystals in aqueous phase. <i>Nanotechnology</i> , 2008, 19, 135604.	2.6	121
63	Multi-addressable photochromic terarylene containing benzo[b]thiophene-1,1-dioxide unit as ethene bridge: multifunctional molecular logic gates on unimolecular platform. <i>Journal of Materials Chemistry</i> , 2012, 22, 5486.	6.7	116
64	Efficient solar cells sensitized by a promising new type of porphyrin: dye-aggregation suppressed by double strapping. <i>Chemical Science</i> , 2019, 10, 2186-2192.	7.4	116
65	Digital photoprogramming of liquid-crystal superstructures featuring intrinsic chiral photoswitches. <i>Nature Photonics</i> , 2022, 16, 226-234.	31.4	115
66	Highly selective colorimetric sensing of cyanide based on formation of dipyrin adducts. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4201.	2.8	113
67	A novel family of twisted molecular luminescent materials containing carbazole unit for single-layer organic electroluminescent devices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 154, 169-177.	3.9	105
68	Cosensitization of D-A-A Quinoxaline Organic Dye: Efficiently Filling the Absorption Valley with High Photovoltaic Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5296-5304.	8.0	102
69	Cosensitizers for simultaneous filling up of both absorption valleys of porphyrins: a novel approach for developing efficient panchromatic dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 15609-15612.	4.1	99
70	Dendritic europium complex as a single dopant for white-light electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2005, 15, 3221.	6.7	98
71	A naked-eye and ratiometric near-infrared probe for palladium via modulation of a π -conjugated system of cyanines. <i>Chemical Communications</i> , 2014, 50, 13525-13528.	4.1	97
72	All-Visible-Light-Activated Dithienylethenes Induced by Intramolecular Proton Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 18467-18474.	13.7	97

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73	Fluorescent chromophore functionalized single-wall carbon nanotubes with minimal alteration to their characteristic one-dimensional electronic states. <i>Journal of Materials Chemistry</i> , 2003, 13, 2196-2201.	6.7	95
74	Synthesis of novel multi-chromophoric soluble perylene derivatives and their photosensitizing properties with wide spectral response for SnO ₂ nanoporous electrode. <i>Journal of Materials Chemistry</i> , 2000, 10, 2708-2715.	6.7	94
75	Unraveling Dual Aggregation-Induced Emission Behavior in Steric Hindrance Photochromic System for Super Resolution Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8560-8570.	13.8	93
76	Novel Bisthiénylenes Containing Naphthalimide as the Center Ethene Bridge: Photochromism and Solvatochromism for Combined NOR and INHIBIT Logic Gates. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15636-15645.	2.6	92
77	Molecular engineering of indoline based organic sensitizers for highly efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 13348.	6.7	92
78	A Sequential Dual-Lock Strategy for Photoactivatable Chemiluminescent Probes Enabling Bright Duplex Optical Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9059-9066.	13.8	92
79	Light-Driven Chiral Switching of Supramolecular Metallacycles with Photoreversibility. <i>CheM</i> , 2019, 5, 634-648.	11.7	91
80	Unprecedentedly targeted customization of molecular energy levels with auxiliary-groups in organic solar cell sensitizers. <i>Chemical Science</i> , 2016, 7, 544-549.	7.4	90
81	Morphology-Tailoring of a Red AIEgen from Microsized Rods to Nanospheres for Tumor-Targeted Bioimaging. <i>Advanced Materials</i> , 2016, 28, 3187-3193.	21.0	89
82	Absorption and photovoltaic properties of organic solar cell sensitizers containing fluorene unit as conjunction bridge. <i>Energy and Environmental Science</i> , 2011, 4, 1830.	30.8	88
83	Photochromic thiophene oligomers based on bisthiénylene: syntheses, photochromic and two-photon properties. <i>Journal of Materials Chemistry</i> , 2006, 16, 3685.	6.7	86
84	Target-triggered deprotonation of 6-hydroxyindole-based BODIPY: specially switch on NIR fluorescence upon selectively binding to Zn ²⁺ . <i>Chemical Communications</i> , 2012, 48, 9897.	4.1	86
85	Insight into Benzothiadiazole Acceptor in D-A Configuration on Photovoltaic Performances of Dye-Sensitized Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1026-1034.	6.7	86
86	A Ratiometric Fluorescent Probe for Monitoring Leucine Aminopeptidase in Living Cells and Zebrafish Model. <i>Analytical Chemistry</i> , 2017, 89, 11576-11582.	6.5	86
87	In Situ Ratiometric Quantitative Tracing of Intracellular Leucine Aminopeptidase Activity via an Activatable Near-Infrared Fluorescent Probe. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26622-26629.	8.0	85
88	Synthesis, Structures, and Photoluminescence of Zinc(II), Cadmium(II), and Mercury(II) Coordination Polymers Constructed from Two Novel Tetrapyrrolyl Ligands. <i>Crystal Growth and Design</i> , 2010, 10, 1611-1622.	3.0	82
89	Unprecedented Stability of a Photochromic Bisthiénylene Based on Benzobisthiadiazole as an Ethene Bridge. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10986-10990.	13.8	82
90	Combination of active targeting, enzyme-triggered release and fluorescent dye into gold nanoclusters for endomicroscopy-guided photothermal/photodynamic therapy to pancreatic ductal adenocarcinoma. <i>Biomaterials</i> , 2017, 139, 30-38.	11.4	81

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91	Molecularly precise self-assembly of theranostic nanoprobcs within a single-molecular framework for <i>in vivo</i> tracking of tumor-specific chemotherapy. <i>Chemical Science</i> , 2018, 9, 4959-4969.	7.4	81
92	Dendron-Functionalized Macromolecules: Enhancing Core Luminescence and Tuning Carrier Injection. <i>Macromolecules</i> , 2004, 37, 4387-4398.	4.8	80
93	Electrochemical sensing using boronic acids. <i>Chemical Communications</i> , 2015, 51, 14562-14573.	4.1	79
94	Constructing NIR silica-cyanine hybrid nanocomposite for bioimaging <i>in vivo</i> : a breakthrough in photo-stability and bright fluorescence with large Stokes shift. <i>Chemical Science</i> , 2013, 4, 1221.	7.4	76
95	Ditopic boronic acid and imine-based naphthalimide fluorescence sensor for copper(II). <i>Chemical Communications</i> , 2014, 50, 11806-11809.	4.1	76
96	A sequence-activated AND logic dual-channel fluorescent probe for tracking programmable drug release. <i>Chemical Science</i> , 2018, 9, 6176-6182.	7.4	76
97	Dendron-functionalized perylene diimides with carrier-transporting ability for red luminescent materials. <i>Polymer</i> , 2005, 46, 7658-7669.	3.8	75
98	Activatable near-infrared emission-guided on-demand administration of photodynamic anticancer therapy with a theranostic nanoprobe. <i>Chemical Science</i> , 2019, 10, 2785-2790.	7.4	75
99	Influence of conjugated π -linker in indoline dyes: towards long-term stable and efficient dye-sensitized solar cells with high photovoltage. <i>Journal of Materials Chemistry A</i> , 2014, 2, 804-812.	10.3	74
100	De novo strategy with engineering anti-Kasha/Kasha fluorophores enables reliable ratiometric quantification of biomolecules. <i>Nature Communications</i> , 2020, 11, 793.	12.8	74
101	Multiple Logic Fluorescent Thermometer System Based on N-Isopropylmethacrylamide Copolymer Bearing Dicyanomethylene-4H-pyran Moiety. <i>Macromolecules</i> , 2009, 42, 1448-1453.	4.8	73
102	High-Fidelity Trapping of Spatial-Temporal Mitochondria with Rational Design of Aggregation-Induced Emission Probes. <i>Advanced Functional Materials</i> , 2019, 29, 1808153.	14.9	73
103	AIE-active luminogens as highly efficient free-radical ROS photogenerator for image-guided photodynamic therapy. <i>Chemical Science</i> , 2022, 13, 3599-3608.	7.4	73
104	Dye-Sensitized Solar Cells Based on Quinoxaline Dyes: Effect of π -Linker on Absorption, Energy Levels, and Photovoltaic Performances. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16552-16561.	3.1	72
105	A novel near-infrared fluorescent probe with a large stokes shift for the detection and imaging of biothiols. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 338-345.	7.8	72
106	Circularly Polarized Fluorescence Resonance Energy Transfer (CP-FRET) for Efficient Chirality Transmission within an Intermolecular System. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24549-24557.	13.8	72
107	Synthesis and Photochromism of Naphthopyrans Bearing Naphthalimide Chromophore: Predominant Thermal Reversibility in Color-Fading and Fluorescence Switch. <i>Journal of Physical Chemistry B</i> , 2011, 115, 14648-14658.	2.6	71
108	Influence of different anchoring groups in indoline dyes for dye-sensitized solar cells: Electron injection, impedance and charge recombination. <i>Journal of Power Sources</i> , 2013, 234, 139-146.	7.8	71

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109	Modulation of energy levels by donor groups: an effective approach for optimizing the efficiency of zinc-porphyrin based solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 7434.	6.7	70
110	Improved Time-of-Flight Technique for Measuring Carrier Mobility in Thin Films of Organic Electroluminescent Materials. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 1190-1192.	1.5	69
111	Luminescent properties of copolymeric dyad compounds containing 1,8-naphthalimide and 1,3,4-oxadiazole. <i>Synthetic Metals</i> , 1998, 96, 151-154.	3.9	68
112	Tetra- and Binuclear Complexes of Hydroxy-Rich Ligands: Supramolecular Structures, Stabilization of Unusual Water Clusters, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2009, 9, 118-126.	3.0	67
113	Effect of a Long Alkyl Group on Cyclopentadithiophene as a Conjugated Bridge for Organic Sensitizers: IPCE, Electron Diffusion Length, and Charge Recombination. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14621-14630.	8.0	67
114	GSH-Activated NIR Fluorescent Prodrug for Podophyllotoxin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29496-29504.	8.0	67
115	A novel gated photochromic reactivity controlled by complexation/dissociation with BF_3 . <i>Chemical Communications</i> , 2012, 48, 528-530.	4.1	66
116	Transforming the recognition site of 4-hydroxyaniline into 4-methoxyaniline grafted onto a BODIPY core switches the selective detection of peroxyxynitrite to hypochlorous acid. <i>Chemical Communications</i> , 2016, 52, 2075-2078.	4.1	66
117	Gold-caged copolymer nanoparticles as multimodal synergistic photodynamic/photothermal/chemotherapy platform against lethality androgen-resistant prostate cancer. <i>Biomaterials</i> , 2019, 212, 73-86.	11.4	66
118	Long wavelength AIEgen of quinoline-malononitrile. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2640-2646.	5.5	63
119	Enantiospecific photoresponse of sterically hindered diarylethenes for chiroptical switches and photomemories. <i>Scientific Reports</i> , 2015, 5, 9186.	3.3	62
120	Bisthiénylenes Containing a Benzothiadiazole Unit as a Bridge: Photochromic Performance Dependence on Substitution Position. <i>Chemistry - A European Journal</i> , 2010, 16, 899-906.	3.3	61
121	A highly selective naked-eye and fluorescent probe for fluoride ion based on 1,8-naphthalimide and benzothiazole. <i>Dyes and Pigments</i> , 2017, 141, 299-305.	3.7	61
122	A Long Wavelength Fluorescent Hydrophilic Copolymer Based on Naphthalenediimide as pH Sensor with Broad Linear Response Range. <i>Macromolecules</i> , 2011, 44, 5612-5618.	4.8	60
123	Enzyme-activatable fluorescent probes for β -galactosidase: from design to biological applications. <i>Chemical Science</i> , 2021, 12, 9885-9894.	7.4	60
124	A colorimetric and ratiometric NIR fluorescent turn-on fluoride chemodosimeter based on BODIPY derivatives: high selectivity via specific Si-O cleavage. <i>RSC Advances</i> , 2012, 2, 418-420.	3.6	59
125	A Multiaddressable Photochromic Bisthiénylene with Sequence-Dependent Responses: Construction of an INHIBIT Logic Gate and a Keypad Lock. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5623-5629.	8.0	59
126	Facile Preparation of AIE-Active Fluorescent Nanoparticles through Flash Nanoprecipitation. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 4683-4688.	3.7	59

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127	Photocaged prodrug under NIR light-triggering with dual-channel fluorescence: in vivo real-time tracking for precise drug delivery. <i>Science China Chemistry</i> , 2018, 61, 1293-1300.	8.2	59
128	Molecularly near-infrared fluorescent theranostics for in vivo tracking tumor-specific chemotherapy. <i>Chinese Chemical Letters</i> , 2019, 30, 1849-1855.	9.0	59
129	Phenanthrene- <i>Fused</i> -Quinoxaline as a Key Building Block for Highly Efficient and Stable Sensitizers in Copper-Electrolyte-Based Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9324-9329.	13.8	59
130	A near-infrared fluorescence chemodosimeter for fluoride via specific Si-O cleavage. <i>Tetrahedron Letters</i> , 2012, 53, 2107-2110.	1.4	58
131	A coumarin-based fluorescent and colorimetric chemosensor for rapid detection of fluoride ion. <i>Tetrahedron</i> , 2017, 73, 1306-1310.	1.9	58
132	AND-Logic Based Fluorescent Probe for Selective Detection of Lysosomal Bisulfite in Living Cells. <i>Analytical Chemistry</i> , 2019, 91, 11946-11951.	6.5	58
133	Self-Assembly of a Monochromophore-Based Polymer Enables Unprecedented Ratiometric Tracing of Hypoxia. <i>Advanced Materials</i> , 2019, 31, e1805735.	21.0	57
134	Porphyrins bearing long alkoxy chains and carbazole for dye-sensitized solar cells: tuning cell performance through an ethynylene bridge. <i>RSC Advances</i> , 2013, 3, 14780.	3.6	56
135	Near-Infrared Colorimetric and Fluorescent Cu ²⁺ Sensors Based on Indole-Benzothiadiazole Derivatives via Formation of Radical Cations. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12215-12220.	8.0	56
136	Helical Assembly Induced by Hydrogen Bonding from Chiral Carboxylic Acids Based on Perylene Bisimides. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10871-10876.	2.6	55
137	Aromaticity-Controlled Thermal Stability of Photochromic Systems Based on a Six-Membered Ring as Ethene Bridges: Photochemical and Kinetic Studies. <i>Chemistry - A European Journal</i> , 2012, 18, 11685-11694.	3.3	55
138	A redox-activated fluorescence switch based on a ferrocene-fluorophore-boronic ester conjugate. <i>Chemical Communications</i> , 2015, 51, 1293-1296.	4.1	55
139	Fluorescence detection and removal of copper from water using a biobased and biodegradable 2D soft material. <i>Chemical Communications</i> , 2018, 54, 184-187.	4.1	53
140	Bonding Strength Regulates Anchoring-Based Self-Assembly Monolayers for Efficient and Stable Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2021, 31, 2103847.	14.9	53
141	Intramolecular Charge-Transfer Process Based on Dicyanomethylene-4H-pyran Derivative: An Integrated Operation of Half-Subtractor and Comparator. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7047-7053.	3.1	52
142	A FRET-based dual-channel turn-on fluorescence probe for the detection of Hg ²⁺ in living cells. <i>Dyes and Pigments</i> , 2019, 161, 403-410.	3.7	52
143	Novel Bisthiénylene Containing Ferrocenyl-Substituted Naphthalimide: A Photo- and Redox Multi-Addressable Molecular Switch. <i>Chemistry - A European Journal</i> , 2012, 18, 13388-13394.	3.3	51
144	Rational molecular engineering of cyclopentadithiophene-bridged D-A- π -A sensitizers combining high photovoltaic efficiency with rapid dye adsorption. <i>Scientific Reports</i> , 2015, 5, 11330.	3.3	51

#	ARTICLE	IF	CITATIONS
145	Rational design of a fast and selective near-infrared fluorescent probe for targeted monitoring of endogenous nitric oxide. <i>Chemical Communications</i> , 2017, 53, 10520-10523.	4.1	51
146	Multifunctional Shellâ€‘Core Nanoparticles for Treatment of Multidrug Resistance Hepatocellular Carcinoma. <i>Advanced Functional Materials</i> , 2018, 28, 1706124.	14.9	51
147	Spatioâ€‘Temporally Reporting Doseâ€‘Dependent Chemotherapy via Uniting Dualâ€‘Modal MRI/NIR Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21143-21150.	13.8	51
148	Fluorescence umplung enables light-up sensing of N-acetyltransferases and nerve agents. <i>Nature Communications</i> , 2021, 12, 3869.	12.8	51
149	Morphology Tuning of Aggregation-Induced Emission Probes by Flash Nanoprecipitation: Shape and Size Effects on in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25186-25193.	8.0	50
150	Rational Molecular Engineering of Indoline-Based D-A-Ï€-A Organic Sensitizers for Long-Wavelength-Responsive Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26802-26810.	8.0	48
151	<i>In vivo</i> ratiometric tracking of endogenous Î²-galactosidase activity using an activatable near-infrared fluorescent probe. <i>Chemical Communications</i> , 2019, 55, 12308-12311.	4.1	48
152	Quantum dots-based ratiometric fluorescence probe for mercuric ions in biological fluids. <i>Talanta</i> , 2014, 119, 564-571.	5.5	47
153	Improving Contact and Passivation of Buried Interface for Highâ€‘Efficiency and Largeâ€‘Area Inverted Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2022, 32, 2109968.	14.9	47
154	A pH-responsive hybrid fluorescent nanoprobe for real time cell labeling and endocytosis tracking. <i>Biomaterials</i> , 2013, 34, 10182-10190.	11.4	46
155	D-A-Ï€-A Motif Quinoxaline-Based Sensitizers with High Molar Extinction Coefficient for Quasi-Solid-State Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31016-31024.	8.0	46
156	Water-soluble rhodamine-based chemosensor for Fe 3+ with high sensitivity, selectivity and anti-interference capacity and its imaging application in living cells. <i>Dyes and Pigments</i> , 2017, 142, 429-436.	3.7	46
157	Dual quenching strategy for sensitive detection of toxic thiophenols based on a NIR-illuminant platform with a large Stokes shift. <i>Dyes and Pigments</i> , 2018, 151, 194-201.	3.7	46
158	Near-Infrared Aggregation-Induced Emission-Active Probe Enables in situ and Long-Term Tracking of Endogenous Î²-Galactosidase Activity. <i>Frontiers in Chemistry</i> , 2019, 7, 291.	3.6	46
159	Molecular Engineering of Quinoxaline-Based Dâ€‘Aâ€‘Ï€â€‘A Organic Sensitizers: Taking the Merits of a Large and Rigid Auxiliary Acceptor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13635-13644.	8.0	45
160	Highly efficient cosensitization of Dâ€‘Aâ€‘Ï€â€‘A benzotriazole organic dyes with porphyrin for panchromatic dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11144-11150.	5.5	43
161	A novel colorimetric and ratiometric NIR fluorescent sensor for glutathione based on dicyanomethylene-4H-pyran in living cells. <i>Science China Chemistry</i> , 2016, 59, 62-69.	8.2	43
162	Near-Infrared mitochondria-targeted fluorescent probe for cysteine based on difluoroboron curcuminoid derivatives. <i>Chinese Chemical Letters</i> , 2017, 28, 1952-1956.	9.0	43

#	ARTICLE	IF	CITATIONS
163	Aggregation-controlled photochromism based on a dithienylethene derivative with aggregation-induced emission. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2717-2722.	5.5	42
164	Rational Design of Ratiometric Near-Infrared Aza-BODIPY-Based Fluorescent Probe for <i>in Vivo</i> Imaging of Endogenous Hydrogen Peroxide. <i>ACS Applied Bio Materials</i> , 2020, 3, 45-52.	4.6	42
165	An Enzyme-Activatable Aggregation-Induced-Emission Probe: Intraoperative Pathological Fluorescent Diagnosis of Pancreatic Cancer via Specific Cathepsin E. <i>Advanced Materials</i> , 2022, 34, e2107444.	21.0	42
166	Sensing Performance Enhancement via Acetate-Mediated N-Acylation of Thiourea Derivatives: A Novel Fluorescent Turn-On Hg ²⁺ Chemodosimeter. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3657-3662.	8.0	41
167	Molecular engineering and sequential cosensitization for preventing the trade-off effect with photovoltaic enhancement. <i>Chemical Science</i> , 2017, 8, 2115-2124.	7.4	41
168	Synergistic Coassembly of Highly Wettable and Uniform Hole-Extraction Monolayers for Scaling-up Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2020, 30, 1909509.	14.9	41
169	Highly Sensitive Ratiometric Self-Assembled Micellar Nanoprobe for Nitroxyl and Its Application <i>In Vivo</i> . <i>Analytical Chemistry</i> , 2018, 90, 3914-3919.	6.5	40
170	Co-sensitization of benzoxadiazole based D-featured sensitizers: compensating light-harvesting and retarding charge recombination. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14649-14657.	10.3	39
171	Rational design of novel near-infrared fluorescent DCM derivatives and their application in bioimaging. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4683-4689.	5.8	39
172	Enhancement strategies of targetability, response and photostability for <i>in vivo</i> bioimaging. <i>Science China Chemistry</i> , 2019, 62, 189-198.	8.2	38
173	An ultrasensitive fluorescent probe for hydrazine detection and its application in water samples and living cells. <i>Tetrahedron</i> , 2019, 75, 2642-2646.	1.9	37
174	Reversible photoswitching specifically responds to mercury(II) ions: the gated photochromism of bis(dithiazole)ethene. <i>Chemical Communications</i> , 2014, 50, 14205-14208.	4.1	36
175	Trapping endoplasmic reticulum with amphiphilic AIE-active sensor via specific interaction of ATP-sensitive potassium (KATP). <i>National Science Review</i> , 2021, 8, nwaa198.	9.5	36
176	Rational design of a turn-on fluorescent sensor for L-ketoglutaric acid in a microfluidic chip. <i>Chemical Science</i> , 2014, 5, 4012-4016.	7.4	35
177	Novel dyes based on naphthalimide moiety as electron acceptor for efficient dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2011, 90, 297-303.	3.7	34
178	D-featured sensitizers by modification of auxiliary acceptor for preventing trade-off effect. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6882-6890.	5.5	34
179	Influence of ethynyl position on benzothiadiazole based D-featured dye-sensitized solar cells: spectral response and photovoltage performance. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9203-9211.	5.5	34
180	Molecular engineering and theoretical investigation of organic sensitizers based on indoline dyes for quasi-solid state dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 8985.	2.8	33

#	ARTICLE	IF	CITATIONS
181	Dâ€“Aâ€“â€“A featured sensitizers containing an auxiliary acceptor of benzoxadiazole: molecular engineering and co-sensitization. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10603-10609.	10.3	33
182	Near-infrared fluorescent probe for imaging nitroxyl in living cells and zebrafish model. <i>Dyes and Pigments</i> , 2019, 166, 260-265.	3.7	33
183	Stabilizing Formamidinium Lead Iodide Perovskite by Sulfonylâ€“Functionalized Phenethylammonium Salt via Crystallization Control and Surface Passivation. <i>Solar Rrl</i> , 2020, 4, 2000069.	5.8	33
184	Antenna-functionalized dendritic \hat{I}^2 -diketonates and europium complexes: synthetic approaches to generation growth. <i>Tetrahedron</i> , 2006, 62, 5035-5048.	1.9	32
185	Synthesis of Carrier-Transporting Dendrimers with Perylenebis(dicarboximide)s as a Luminescent Core. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 986-1001.	2.4	32
186	Ferroceneâ€“Grafted Photochromic Triads Based on a Sterically Hindered Ethene Bridge: Redoxâ€“Switchable Fluorescence and Gated Photochromism. <i>Advanced Optical Materials</i> , 2016, 4, 1410-1416.	7.3	32
187	Lysosomal tracking with a cationic naphthalimide using multiphoton fluorescence lifetime imaging microscopy. <i>Chemical Communications</i> , 2017, 53, 11161-11164.	4.1	32
188	Dual-channel near-infrared fluorescent probe for real-time tracking of endogenous \hat{I}^3 -glutamyl transpeptidase activity. <i>Chemical Communications</i> , 2018, 54, 12393-12396.	4.1	31
189	An AIEâ€“based enzymeâ€“activatable fluorescence indicator for Western blot assay: Quantitative expression of proteins with reproducible stable signal and wide linear range. <i>Aggregate</i> , 2021, 2, e22.	9.9	31
190	A colorimetric and turn-on NIR fluorescent probe based on xanthene system for sensitive detection of thiophenol and its application in bioimaging. <i>Talanta</i> , 2018, 185, 359-364.	5.5	30
191	AIE-based nanoaggregate tracker: high-fidelity visualization of lysosomal movement and drug-escaping processes. <i>Chemical Science</i> , 2020, 11, 12755-12763.	7.4	30
192	Highly stable and fluorescent switching spirooxazines. <i>Tetrahedron</i> , 2006, 62, 9840-9845.	1.9	29
193	Semiâ€“Locked Tetrathienylethene as a Building Block for Holeâ€“Transporting Materials: Toward Efficient and Stable Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2019, 131, 3824-3829.	2.0	29
194	High-throughput screening of high lactic acid-producing <i>Bacillus coagulans</i> by droplet microfluidic based flow cytometry with fluorescence activated cell sorting. <i>RSC Advances</i> , 2019, 9, 4507-4513.	3.6	29
195	Electron-enriched thione enables strong Pbâ€“S interaction for stabilizing high quality CsPbI ₃ perovskite films with low-temperature processing. <i>Chemical Science</i> , 2020, 11, 3132-3140.	7.4	29
196	Engineering Nanoparticulate Organic Photocatalysts via a Scalable Flash Nanoprecipitation Process for Efficient Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15590-15597.	13.8	29
197	From nonconjugation to conjugation: novel meso-OH substituted dipyrromethanes as fluorescence turn-on Zn ²⁺ probes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2685.	2.8	28
198	Ratiometric and light-up near-infrared fluorescent DCM-based probe for real-time monitoring endogenous tyrosinase activity. <i>Dyes and Pigments</i> , 2019, 162, 802-807.	3.7	28

#	ARTICLE	IF	CITATIONS
199	Synthesis and nonlinear optical properties of rod-like luminescent materials containing Schiff-base and naphthalimide units. Electronic supplementary information (ESI) available: DSC of 2A and 3B, and a picture of the smectic F phase for 3B. See http://www.rsc.org/suppdata/jm/b1/b109384n/ . <i>Journal of Materials Chemistry</i> , 2002, 12, 1294-1300.	6.7	27
200	Novel fluorene-alt-thienylenevinylene-based copolymers: tuning luminescent wavelength via thiophene substitution position. <i>European Polymer Journal</i> , 2004, 40, 1183-1191.	5.4	27
201	Peptide Receptor-Targeted Fluorescent Probe: Visualization and Discrimination between Chronic and Acute Ulcerative Colitis. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13029-13036.	8.0	27
202	Broadening AI-Egen application: rapid and portable sensing of foodstuff hazards in deep-frying oil. <i>Chemical Communications</i> , 2019, 55, 4087-4090.	4.1	27
203	Self-assembled naphthalimide derivatives as an efficient and low-cost electron extraction layer for n-i-p perovskite solar cells. <i>Chemical Communications</i> , 2019, 55, 13239-13242.	4.1	27
204	Rational Design of Near-Infrared Cyanine-Based Fluorescent Probes for Rapid In Vivo Sensing Cysteine. <i>ACS Applied Bio Materials</i> , 2021, 4, 2001-2008.	4.6	27
205	A NIR luminescent copolymer based on platinum porphyrin as high permeable dissolved oxygen sensor for microreactors. <i>AIChE Journal</i> , 2013, 59, 2743-2752.	3.6	26
206	A new colorimetric and fluorescent probe with a large Stokes shift for rapid and specific detection of biothiols and its application in living cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8780-8785.	5.8	26
207	Photoswitching between black and colourless spectra exhibits resettable spatiotemporal logic. <i>Materials Horizons</i> , 2016, 3, 124-129.	12.2	25
208	Harnessing Î±-fucosidase for <i>in vivo</i> cellular senescence imaging. <i>Chemical Science</i> , 2021, 12, 10054-10062.	7.4	25
209	Screen-Printed Red Luminescent Copolymer Film Containing Cyclometalated Iridium(III) Complex as a High-Permeability Dissolved-Oxygen Sensor for Fermentation Bioprocess. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3980-3987.	3.7	24
210	Influence of Donor Configurations on Photophysical, Electrochemical, and Photovoltaic Performances in D ^π A Organic Sensitizers. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 239-247.	6.7	24
211	Î€-Chromophore-functionalized SWNTs by covalent bonding: substantial change in the optical spectra proving strong electronic interaction. <i>Journal of Materials Chemistry</i> , 2004, 14, 1924-1926.	6.7	23
212	Quantum Dots Acting as Energy Acceptors with Organic Dyes as Donors in Solution. <i>ChemPhysChem</i> , 2010, 11, 3167-3171.	2.1	23
213	Novel Squaraine Cosensitization System of Panchromatic Light-Harvesting with Synergistic Effect for Highly Efficient Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 3567-3574.	6.7	23
214	Near-infrared cyanine-based sensor for Fe ³⁺ with high sensitivity: its intracellular imaging application in colorectal cancer cells. <i>RSC Advances</i> , 2016, 6, 100759-100764.	3.6	23
215	Spatiotemporal Visualization of Cell Membrane with Amphiphilic Aggregation-Induced Emission-Active Sensor. <i>CCS Chemistry</i> , 2022, 4, 1619-1632.	7.8	23
216	Conformer-dependent self-assembled metallacycles with photo-reversible response. <i>Chemical Science</i> , 2019, 10, 4896-4904.	7.4	22

#	ARTICLE	IF	CITATIONS
217	Unraveling Dual Aggregation-Induced Emission Behavior in Steric Hindrance Photochromic System for Super Resolution Imaging. <i>Angewandte Chemie</i> , 2020, 132, 8638-8648.	2.0	22
218	Novel luminescent carbazole-naphthalimide dyads for single-layer electroluminescent device. <i>Synthetic Metals</i> , 2001, 119, 547-548.	3.9	21
219	Synthesis of novel electro-transporting emitting compounds. <i>Dyes and Pigments</i> , 2002, 54, 147-154.	3.7	21
220	The facile synthesis and high efficiency of the red electroluminescent dopant DCINB: A promising alternative to DCJTb. <i>Dyes and Pigments</i> , 2009, 82, 316-321.	3.7	21
221	Dendron-Grafted Polylysine-Based Dual-Modal Nanoprobe for Ultra-Early Diagnosis of Pancreatic Precancerosis via Targeting a Urokinase-Type Plasminogen Activator Receptor. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700912.	7.6	21
222	Fluorescent thermometer based on a quinolinemalononitrile copolymer with aggregation-induced emission characteristics. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1503-1509.	5.9	21
223	A Hydrophobic Dye-Encapsulated Nano-Hybrid as an Efficient Fluorescent Probe for Living Cell Imaging. <i>Advanced Healthcare Materials</i> , 2012, 1, 475-479.	7.6	20
224	A luminescence molecular switch via modulation of PET and ICT processes in DCM system. <i>Science China Chemistry</i> , 2017, 60, 607-613.	8.2	20
225	A dual chemosensor for Cu ²⁺ and Fe ³⁺ based on β -extend tetrathiafulvalene derivative. <i>Tetrahedron</i> , 2017, 73, 14-20.	1.9	20
226	Saponin-Based Near-Infrared Nanoparticles with Aggregation-Induced Emission Behavior: Enhancing Cell Compatibility and Permeability. <i>ACS Applied Bio Materials</i> , 2019, 2, 943-951.	4.6	20
227	A Sequential Dual-Lock Strategy for Photoactivatable Chemiluminescent Probes Enabling Bright Duplex Optical Imaging. <i>Angewandte Chemie</i> , 2020, 132, 9144-9151.	2.0	20
228	A Quadri-Dimensional Manipulable Laser with an Intrinsic Chiral Photoswitch. <i>Advanced Materials</i> , 2022, 34, e2110170.	21.0	20
229	cNCR-based synergistic-targeted NIR fluorescent probe for tracing and bioimaging of pancreatic ductal adenocarcinoma. <i>Science China Chemistry</i> , 2018, 61, 184-191.	8.2	19
230	Advances in fluorescent sensors for β -galactosidase. <i>Materials Chemistry Frontiers</i> , 2021, 5, 763-774.	5.9	19
231	Photoresponsive aggregation-induced emission polymer film for anti-counterfeiting. <i>Chinese Chemical Letters</i> , 2021, 32, 3882-3885.	9.0	19
232	Novel red-light emitting metal complex based on asymmetric perylene bisimide and 8-hydroxyquinoline dyads. <i>Synthetic Metals</i> , 2004, 145, 203-210.	3.9	18
233	Hybridized ruthenium(II) complexes with high molar extinction coefficient unit: Effect of energy band and adsorption on photovoltaic performances. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 194, 268-274.	3.9	18
234	Photovoltaic performance of solid-state DSSCs sensitized with organic isophorone dyes: Effect of dye-loaded amount and dipole moment. <i>Dyes and Pigments</i> , 2012, 94, 23-27.	3.7	18

#	ARTICLE	IF	CITATIONS
235	Nanomized tumor-microenvironment-active NIR fluorescent prodrug for ensuring synchronous occurrences of drug release and fluorescence tracing. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1503-1509.	5.8	18
236	A turn-on fluorescent probe based on β -extended coumarin for imaging endogenous hydrogen peroxide in RAW 264.7 cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 414, 113270.	3.9	18
237	A Novel Bisthienylethene as Acidichromic and Photochromic Yellow Dye. <i>Chemistry Letters</i> , 2003, 32, 1116-1117.	1.3	17
238	Organic sensitizers incorporating 3,4-ethylenedioxythiophene as the conjugated bridge: Joint photophysical and electrochemical analysis of photovoltaic performance. <i>Dyes and Pigments</i> , 2013, 99, 176-184.	3.7	17
239	Visualizing deeper into the body with a NIR-II small-molecule fluorophore. <i>Science China Chemistry</i> , 2016, 59, 203-204.	8.2	17
240	Rational design of fluorescent probes: Improving hydrophilicity, ratiometric and NIR trapping of endogenous leucine aminopeptidase. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128631.	7.8	17
241	Phenanthrene-Fused Quinoxaline as a Key Building Block for Highly Efficient and Stable Sensitizers in Copper-Electrolyte-Based Dye-Sensitized Solar Cells. <i>Angewandte Chemie</i> , 2020, 132, 9410-9415.	2.0	17
242	<i>In vivo</i> real-time tracking of tumor-specific biocatalysis in cascade nanotheranostics enables synergistic cancer treatment. <i>Chemical Science</i> , 2020, 11, 3371-3377.	7.4	17
243	A Coplanar β -Extended Quinoxaline Based Hole-Transporting Material Enabling over 21% Efficiency for Dopant-Free Perovskite Solar Cells. <i>Angewandte Chemie</i> , 2021, 133, 2706-2711.	2.0	17
244	Circularly Polarized Fluorescence Resonance Energy Transfer (CP-FRET) for Efficient Chirality Transmission within an Intermolecular System. <i>Angewandte Chemie</i> , 2021, 133, 24754-24762.	2.0	17
245	A glutamic acid-modified cellulose fibrous composite used for the adsorption of heavy metal ions from single and binary solutions. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2317-2323.	5.9	16
246	Photocontrollable Release with Coumarin-Based Profragrances. <i>ACS Applied Bio Materials</i> , 2019, 2, 4002-4009.	4.6	16
247	Efficient p-i-n structured perovskite solar cells employing low-cost and highly reproducible oligomers as hole transporting materials. <i>Science China Chemistry</i> , 2019, 62, 767-774.	8.2	16
248	Fabrication of mesoporous silica nanoparticles hybridised with fluorescent AIE-active quinoline-malononitrile for drug delivery and bioimaging. <i>RSC Advances</i> , 2014, 4, 58976-58981.	3.6	15
249	Cosensitization process effect of D-A- β featured dyes on photovoltaic performances. <i>Green Energy and Environment</i> , 2016, 1, 84-90.	8.7	15
250	High-Performance Porphyrin-Based Dye-Sensitized Solar Cells with Iodine and Cobalt Redox Shuttles. <i>ChemSusChem</i> , 2017, 10, 938-945.	6.8	15
251	Fluorescence Imaging of Alzheimer's Disease with a Flat Ensemble Formed between a Quinoline-Malononitrile AIEgen and Thin-Layer Molybdenum Disulfide. <i>ChemBioChem</i> , 2019, 20, 1856-1860.	2.6	15
252	High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. <i>Angewandte Chemie</i> , 2020, 132, 9896-9909.	2.0	15

#	ARTICLE	IF	CITATIONS
253	Recent Application Progress on Aggregation-Induced Emission. Chinese Journal of Organic Chemistry, 2012, 32, 1620.	1.3	15
254	Dopant-free hole-transporting materials for stable Sb ₂ (S,Se) ₃ solar cells. Chemical Communications, 2022, 58, 4787-4790.	4.1	15
255	Synthesis and luminescence of novel emitting copolymers. Synthetic Metals, 1999, 102, 1129-1130.	3.9	14
256	A triple chain coordination polymer constructed from ZnTPP and a bis(4,4'-dipyridylamine) ligand. Inorganic Chemistry Communication, 2010, 13, 929-931.	3.9	14
257	Acid/Base Switching of the Tautomerism and Conformation of a Dioxoporphyrin for Integrated Binary Subtraction. Chemistry - A European Journal, 2014, 20, 12910-12916.	3.3	14
258	Design of an Extended Experiment with Electrical Double Layer Capacitors: Electrochemical Energy Storage Devices in Green Chemistry. Sustainability, 2018, 10, 3630.	3.2	14
259	Anchorable Perylene Diimides as Chemically Inert Electron Transport Layer for Efficient and Stable Perovskite Solar Cells with High Reproducibility. Solar Rrl, 2021, 5, 2000736.	5.8	14
260	Monitoring Autophagy with Atg4B Protease-Activated Aggregation-Induced Emission Probe. Advanced Functional Materials, 2022, 32, 2108571.	14.9	14
261	Synthesis, photophysical and electroluminescent properties of novel naphthalimide derivatives containing an electron-transporting unit. Research on Chemical Intermediates, 2008, 34, 299-308.	2.7	13
262	A hydrophilic fluorescent polymer containing naphthalimide moiety as chemosensor for microbio reactors. Science in China Series B: Chemistry, 2009, 52, 821-826.	0.8	13
263	Molecular Engineering of Pyrido[3,4-b]pyrazine-Based Donor-Acceptor Organic Sensitizers: Effect of Auxiliary Acceptor in Cobalt- and Iodine-Based Electrolytes. Chemistry - A European Journal, 2015, 21, 18654-18661.	3.3	13
264	Real-time near-infrared bioimaging of a receptor-targeted cytotoxic dendritic theranostic agent. Biomaterials, 2017, 120, 1-10.	11.4	13
265	Organic sensitizers with different thiophene units as conjugated bridges: molecular engineering and photovoltaics. Science China Chemistry, 2017, 60, 231-236.	8.2	13
266	A fast-response and highly specific Si-Rhodamine probe for endogenous peroxynitrite detection in living cells. Organic and Biomolecular Chemistry, 2019, 17, 1875-1880.	2.8	13
267	Photoswitchable Fluorescent Self-Assembled Metallacycles with High Photostability. Chemistry - A European Journal, 2021, 27, 5240-5245.	3.3	13
268	Efficient and Stable Methylammonium-Free Tin-Lead Perovskite Solar Cells with Hexaazatrinaphthylene-Based Hole-Transporting Materials. ACS Applied Materials & Interfaces, 2022, 14, 6852-6858.	8.0	13
269	Controllable Fragrance Release Mediated by Spontaneous Hydrogen Bonding with POSS-Thiourea Derivatives. CCS Chemistry, 2020, 2, 478-487.	7.8	12
270	Novel triad luminescent compound with an electron transporting and a hole transporting moiety. Synthetic Metals, 1997, 91, 229-231.	3.9	11

#	ARTICLE	IF	CITATIONS
271	Synthesis and Electroluminescence of Novel Copolymers with Charges Transporting Moieties. <i>Chemistry Letters</i> , 1999, 28, 501-502.	1.3	11
272	Single-layer electroluminescence device made with novel copolymers containing electron- and hole-transporting moieties. <i>Synthetic Metals</i> , 2000, 111-112, 481-483.	3.9	11
273	Efficient Improvement of Fluorescence Quantum Yield of Fluoreneethynylene-Based Polymers by Introducing a Perfluoroalkylbenzene Unit to the Polymers. <i>Macromolecular Rapid Communications</i> , 2007, 28, 772-779.	3.9	11
274	Cosensitized Porphyrin System for High-Performance Solar Cells with TOF-SIMS Analysis. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16081-16090.	8.0	11
275	Substituent Effect on Quinoline-Malononitrile AIE Fluorescent Properties. <i>Acta Chimica Sinica</i> , 2016, 74, 351.	1.4	11
276	Carrier transport and high-efficiency electroluminescence properties of copolymer thin films. <i>Thin Solid Films</i> , 2000, 363, 173-177.	1.8	10
277	Singlet Energy Transfer and Photoinduced Electron Transfer in Star-Shaped Naphthalimide Derivatives Based on Triphenylamine. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1362-1367.	3.2	10
278	White Light Electroluminescence from a Dendritic Europium Complex. <i>Chemistry Letters</i> , 2005, 34, 688-689.	1.3	10
279	Room temperature phosphorescence of a palladium(II) complex sensitized by unsymmetric perylene bisimide. <i>Dyes and Pigments</i> , 2008, 76, 663-668.	3.7	10
280	Optimizing the Chemical Recognition Process of a Fluorescent Chemosensor for α -Ketoglutarate. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 2886-2893.	3.7	10
281	Theoretical insight into the enhanced hindrance, thermal stability and optical properties of diarylethene with a benzobis(thiadiazole) bridge and benzothiophene rings. <i>Dyes and Pigments</i> , 2016, 125, 348-355.	3.7	10
282	Dicyanomethylene-4H-pyran-based NIR fluorescent ratiometric chemosensor for pH measurement. <i>Research on Chemical Intermediates</i> , 2018, 44, 3959-3969.	2.7	10
283	Incorporating quinoxaline unit as additional acceptor for constructing efficient donor-free solar cell sensitizers. <i>Dyes and Pigments</i> , 2018, 149, 65-72.	3.7	10
284	Reversible light-driven magnetic switching of salen cobalt complex. <i>Science China Chemistry</i> , 2020, 63, 1191-1197.	8.2	10
285	Novel Triad Dyes with Wide Spectral Response for SnO ₂ Nanoporous Electrode. <i>Chemistry Letters</i> , 2000, 29, 778-779.	1.3	9
286	Sterically hindered diarylethenes with a benzobis(thiadiazole) bridge: photochemical and kinetic studies. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8665-8674.	5.5	9
287	Custom-designed metal-free quinoxaline sensitizer for dye-sensitized solar cells based on cobalt redox shuttle. <i>Solar Energy</i> , 2018, 169, 450-456.	6.1	9
288	Water-soluble bright NIR AIEgens with hybrid ROS for wash-free mitochondrial "on-off" imaging and photodynamic therapy. <i>Chemical Communications</i> , 2022, 58, 6393-6396.	4.1	9

#	ARTICLE	IF	CITATIONS
289	â€œCrossbreedingâ€ Small-Molecular Weight NIR-II Flavchromenes Endows Activatable Multiplexed In Vivo Imaging. , 2022, 4, 1493-1502.		9
290	Naphthalimide incorporating oxadiazole: potential electroluminescent materials with high electron affinity. Synthetic Metals, 2003, 137, 1129-1130.	3.9	8
291	A zipper-like double chain coordination polymer constructed from a novel pseudo-macrocyclic binuclear Cu(II) complex. Inorganic Chemistry Communication, 2011, 14, 370-373.	3.9	8
292	Substitution effect on the photochromic properties of benzo[b]thiophene-1,1-dioxide based diarylethenes. RSC Advances, 2015, 5, 87626-87634.	3.6	8
293	Sterically hindered diarylethenes with thienopyridine: Substituent position effect on photochromic properties. Dyes and Pigments, 2020, 182, 108620.	3.7	8
294	Sequence-Activated Fluorescent Nanotheranostics for Real-Time Profiling Pancreatic Cancer. Jacs Au, 2022, 2, 246-257.	7.9	8
295	A ratiometric hydrophilic fluorescent copolymer sensor based on benzimidazole chromophore for microbio reactors. Dyes and Pigments, 2011, 89, 236-240.	3.7	7
296	Organic dye-sensitized sponge-like TiO ₂ photoanode for dye-sensitized solar cells. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120314.	3.4	7
297	Novel Luminescent Metal Complexes. Synthetic Metals, 2003, 137, 1131-1132.	3.9	6
298	Nearâ€Infrared Fluorescent Theranostic Cisplatin Prodrug with Transcatheter Intraâ€Arterial Therapy: Application to Rabbit Hepatocellular Carcinoma. Advanced Therapeutics, 2018, 1, 1800093.	3.2	6
299	Spatioâ€Temporally Reporting Doseâ€Dependent Chemotherapy via Uniting Dualâ€Modal MRI/NIR Imaging. Angewandte Chemie, 2020, 132, 21329-21336.	2.0	6
300	Engineering photo-controllable fragrance release with flash nanoprecipitation. Green Chemical Engineering, 2021, 2, 301-308.	6.3	6
301	Hydrolyzable Quaternary Pyridinium Surfactants: Antimicrobial Profragrances for Controllable Perfume Release. Industrial & Engineering Chemistry Research, 2022, 61, 4202-4211.	3.7	6
302	Design and Synthesis of High-Quality CdS/ZnSe Type-II Core/Shell Nanocrystals. Journal of Nanoscience and Nanotechnology, 2009, 9, 5880-5886.	0.9	5
303	POSS: A Morphology-Tuning Strategy To Improve the Sensitivity and Responsiveness of Dissolved Oxygen Sensor. Industrial & Engineering Chemistry Research, 2019, 58, 7761-7768.	3.7	5
304	An environmentally friendly AIE probe for CMC determination. Materials Chemistry Frontiers, 2022, 6, 1005-1009.	5.9	5
305	Synthesis and luminescent properties of novel condensed copolymers. Synthetic Metals, 2000, 111-112, 477-479.	3.9	4
306	Unsymmetrical donorâ€acceptorâ€donorâ€acceptor type indoline based organic semiconductors with benzothiadiazole cores for solution-processed bulk heterojunction solar cells. Green Energy and Environment, 2017, 2, 428-435.	8.7	4

#	ARTICLE	IF	CITATIONS
307	Unexpected synthesis of structure-tunable AIE-active acrylonitriles by simple temperature variation for bioimaging. <i>Science China Chemistry</i> , 2019, 62, 1549-1550.	8.2	4
308	Structurally-thrifty and visible-absorbing fluorophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118907.	3.9	4
309	Amazing long-lived lifetime. <i>Green Energy and Environment</i> , 2017, 2, 67-69.	8.7	3
310	A new strategy enabling intramolecular motion to obtain advanced photothermal materials. <i>Science China Chemistry</i> , 2019, 62, 659-661.	8.2	3
311	Novel Ethene-Bridged Diarylethene Photochromic Systems: Self-Assembly, Photoswitcher, and Molecular Logic Gates. , 2017, , 37-68.		3
312	The mechanodonor-acceptor coupling (MDAC) approach for unidirectional multi-state fluorochromism. <i>Science China Chemistry</i> , 2021, 64, 253-262.	8.2	3
313	Novel barbituric acid derivatives for red electroluminescent material. <i>Synthetic Metals</i> , 2003, 137, 1127-1128.	3.9	2
314	Construction of Thermoresponsive Microcapsules for the Controlled Release of Thidiazuron to Improve Defoliation Effects. <i>ACS Agricultural Science and Technology</i> , 0, , .	2.3	2
315	Type I photosensitizer based on AIE chromophore tricyano-methylene-pyridine for photodynamic therapy. <i>Green Chemical Engineering</i> , 2023, 4, 324-330.	6.3	2
316	Study of acquisition technology of scanning in satellite-to-ground laser communication. , 2013, , .		1
317	Engineering Nanoparticulate Organic Photocatalysts via a Scalable Flash Nanoprecipitation Process for Efficient Hydrogen Production. <i>Angewandte Chemie</i> , 2021, 133, 15718-15725.	2.0	1
318	Synthesis and Bioactivity of 2-(Pyridyl-2-formyl)pyrimidine Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1342.	1.3	1
319	AIEgen applications in rapid and portable sensing of foodstuff hazards. , 2022, , 617-637.		1
320	Dendron-functionalized perylenes for red luminescent materials. , 2005, , .		0
321	Comparison of OFDM and SC/FDE with Modified LS Channel Estimator in MIMO Channels. , 2010, , .		0
322	Multi-addressable Photochromic Materials. , 2016, , 71-108.		0
323	Tumor Bioimaging: Morphology-Tailoring of a Red AIEgen from Microsized Rods to Nanospheres for Tumor-Targeted Bioimaging (<i>Adv. Mater.</i> 16/2016). <i>Advanced Materials</i> , 2016, 28, 3224-3224.	21.0	0
324	Synthesis and Bioactivity of 2-Benzoyl Pyrimidine Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1260.	1.3	0

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325	Synthesis and Bioactivity of 1-Methyl-3-aryl-6-(trifluoromethyl)pyridazin-4(1H)-one Derivatives. Chinese Journal of Organic Chemistry, 2017, 37, 533.	1.3	0