

Weihong Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12146078/publications.pdf>

Version: 2024-02-01

142
papers

13,843
citations

15504

65
h-index

20358

116
g-index

149
all docs

149
docs citations

149
times ranked

12057
citing authors

#	ARTICLE	IF	CITATIONS
1	Structurally-thrifty and visible-absorbing fluorophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118907.	3.9	4
2	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
3	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
4	The mechanodonor-acceptor coupling (MDAC) approach for unidirectional multi-state fluorochromism. <i>Science China Chemistry</i> , 2021, 64, 253-262.	8.2	3
5	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
6	Molecularly near-infrared fluorescent theranostics for in vivo tracking tumor-specific chemotherapy. <i>Chinese Chemical Letters</i> , 2019, 30, 1849-1855.	9.0	59
7	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
8	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
9	cNGR-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
10	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
11	Morphology Tuning of Aggregation-Induced Emission Probes by Flash Nanoprecipitation: Shape and Size Effects on <i>in Vivo</i> Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25186-25193.	8.0	50
12	Dual Intratumoral Redox/Enzyme-Responsive NO-Releasing Nanomedicine for the Specific, High-Efficacy, and Low-Toxic Cancer Therapy. <i>Advanced Materials</i> , 2018, 30, e1704490.	21.0	155
13	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
14	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
15	High-Performance Porphyrin-Based Dye-Sensitized Solar Cells with Iodine and Cobalt Redox Shuttles. <i>ChemSusChem</i> , 2017, 10, 938-945.	6.8	15
16	GSH-Activated NIR Fluorescent Prodrug for Podophyllotoxin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29496-29504.	8.0	67
17	Organic sensitizers with different thiophene units as conjugated bridges: molecular engineering and photovoltaics. <i>Science China Chemistry</i> , 2017, 60, 231-236.	8.2	13
18	Multi-addressable Photochromic Materials. , 2016, , 71-108.		0

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Fluorescent and colorimetric ion probes based on conjugated oligopyrroles. <i>Chemical Society Reviews</i> , 2015, 44, 1101-1112.	38.1	374
24	Facile Preparation of AIE-Active Fluorescent Nanoparticles through Flash Nanoprecipitation. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 4683-4688.	3.7	59
25	Optimizing the Chemical Recognition Process of a Fluorescent Chemosensor for $\hat{\pm}$ -Ketoglutarate. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 2886-2893.	3.7	10
26	A redox-activated fluorescence switch based on a ferrocene-fluorophore-boronic ester conjugate. <i>Chemical Communications</i> , 2015, 51, 1293-1296.	4.1	55
27	Stability enhancement of fluorophores for lighting up practical application in bioimaging. <i>Chemical Society Reviews</i> , 2015, 44, 4179-4184.	38.1	122
28	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
29	Quantitative Photoswitching in Bis(dithiazole)ethene Enables Modulation of Light for Encoding Optical Signals. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2090-2094.	13.8	171
30	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
31	Influence of conjugated $\hat{\pm}$ -linker in $\hat{\pm}$ -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
32	Quantum dots-based ratiometric fluorescence probe for mercuric ions in biological fluids. <i>Talanta</i> , 2014, 119, 564-571.	5.5	47
33	Co-sensitization of benzoxadiazole based $\hat{\pm}$ -indoline dyes: featured sensitizers: compensating light-harvesting and retarding charge recombination. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14649-14657.	10.3	39
34	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
35	Insight into aggregation-induced emission characteristics of red-emissive quinoline-malononitrile by cell tracking and real-time trypsin detection. <i>Chemical Science</i> , 2014, 5, 1383.	7.4	159
36	A near-infrared colorimetric fluorescent chemodosimeter for the detection of glutathione in living cells. <i>Chemical Communications</i> , 2014, 50, 1751.	4.1	198

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Insight into Benzothiadiazole Acceptor in π -A Configuration on Photovoltaic Performances of Dye-Sensitized Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1026-1034.	6.7	86
40	Rational design of a turn-on fluorescent sensor for β -ketoglutaric acid in a microfluidic chip. <i>Chemical Science</i> , 2014, 5, 4012-4016.	7.4	35
41	Effect of a Long Alkyl Group on Cyclopentadithiophene as a Conjugated Bridge for π -A Organic Sensitizers: IPCE, Electron Diffusion Length, and Charge Recombination. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14621-14630.	8.0	67
42	<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
43	Acid/Base Switching of the Tautomerism and Conformation of a Dioxoporphyrin for Integrated Binary Subtraction. <i>Chemistry - A European Journal</i> , 2014, 20, 12910-12916.	3.3	14
44	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
45	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
46	Influence of Donor Configurations on Photophysical, Electrochemical, and Photovoltaic Performances in π -A Organic Sensitizers. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 239-247.	6.7	24
47	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
48	A pH-responsive hybrid fluorescent nanoprobe for real time cell labeling and endocytosis tracking. <i>Biomaterials</i> , 2013, 34, 10182-10190.	11.4	46
49	Near-Infrared Colorimetric and Fluorescent Cu^{2+} Sensors Based on Indoline-Benzothiadiazole Derivatives via Formation of Radical Cations. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12215-12220.	8.0	56
50	A NIR luminescent copolymer based on platinum porphyrin as high permeable dissolved oxygen sensor for microbioreactors. <i>AIChE Journal</i> , 2013, 59, 2743-2752.	3.6	26
51	Steric hindrance-enforced distortion as a general strategy for the design of fluorescence π -turn-on cyanide probes. <i>Chemical Communications</i> , 2013, 49, 10136.	4.1	151
52	Constructing NIR silica-cyanine hybrid nanocomposite for bioimaging in vivo: a breakthrough in photo-stability and bright fluorescence with large Stokes shift. <i>Chemical Science</i> , 2013, 4, 1221.	7.4	76
53	Organic sensitizers from π -A to π -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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	A Multiaddressable Photochromic Bisthienylethene 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
57	Î±-Monoacylated and Î±,Î±- and Î±,Î²-Diacylated Dipyrins as Highly Sensitive Fluorescence "Turn-on" Zn ²⁺ Probes. <i>Journal of Organic Chemistry</i> , 2013, 78, 5328-5338.	3.2	129
58	Constructing High-Efficiency "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
59	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
60	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
61	Organic dye-sensitized sponge-like TiO ₂ photoanode for dye-sensitized solar cells. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120314.	3.4	7
62	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
63	Highly selective colorimetric sensing of cyanide based on formation of dipyrin adducts. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4201.	2.8	113
64	A novel gated photochromic reactivity controlled by complexation/dissociation with BF ₃ . <i>Chemical Communications</i> , 2012, 48, 528-530.	4.1	66
65	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
66	Light-Triggered Reversible Supramolecular Transformations of Multi-Bisthienylethene Hexagons. <i>Journal of the American Chemical Society</i> , 2012, 134, 13596-13599.	13.7	236
67	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
68	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
69	Novel Bisthienylethene 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
70	D-A-Featured Sensitizers Bearing Phthalimide and Benzotriazole as Auxiliary Acceptor: Effect on Absorption and Charge Recombination Dynamics in Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1822-1830.	8.0	148
71	Selective, sensitive and reversible "turn-on" fluorescent cyanide probes based on 2,2'-dipyridylaminoanthracene-Cu ²⁺ ensembles. <i>Chemical Communications</i> , 2012, 48, 11513.	4.1	170
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	A novel Dâ€“A-Ï€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
75	Dicyanomethylene-4H-pyran chromophores for OLED emitters, logic gates and optical chemosensors. <i>Chemical Communications</i> , 2012, 48, 6073.	4.1	258
76	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
77	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
78	High-conversion-efficiency organic dye-sensitized solar cells: molecular engineering on Dâ€“Aâ€“Ï€A featured organic indoline dyes. <i>Energy and Environmental Science</i> , 2012, 5, 8261.	30.8	308
79	A Hydrophobic Dyeâ€“Encapsulated Nanoâ€“Hybrid as an Efficient Fluorescent Probe for Living Cell Imaging. <i>Advanced Healthcare Materials</i> , 2012, 1, 475-479.	7.6	20
80	Constructing Organic Dâ€“Aâ€“Ï€Aâ€“Featured Sensitizers with a Quinoxaline Unit for Highâ€“Efficiency Solar Cells: The Effect of an Auxiliary Acceptor on the Absorption and the Energy Level Alignment. <i>Chemistry - A European Journal</i> , 2012, 18, 8190-8200.	3.3	171
81	Aromaticityâ€“Controlled Thermal Stability of Photochromic Systems Based on a Sixâ€“Membered Ring as Ethene Bridges: Photochemical and Kinetic Studies. <i>Chemistry - A European Journal</i> , 2012, 18, 11685-11694.	3.3	55
82	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
83	A near-infrared fluorescence chemodosimeter for fluoride via specific Siâ€“O cleavage. <i>Tetrahedron Letters</i> , 2012, 53, 2107-2110.	1.4	58
84	Hexylthiopheneâ€“Featured Dâ€“Aâ€“Ï€Aâ€“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
85	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
86	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
87	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
88	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
89	Selective and sensitive â€œturn-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
90	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

#	ARTICLE	IF	CITATIONS
91	Incorporating Benzotriazole Moiety to Construct 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
92	Recent progress on polymer-based fluorescent and colorimetric chemosensors. <i>Chemical Society Reviews</i> , 2011, 40, 79-93.	38.1	897
93	A ratiometric hydrophilic fluorescent copolymer sensor based on benzimidazole chromophore for microbioreactors. <i>Dyes and Pigments</i> , 2011, 89, 236-240.	3.7	7
94	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
95	Organic Solar Cell Sensitizers with Improved Stability and Spectral Response. <i>Advanced Functional Materials</i> , 2011, 21, 756-763.	14.9	601
96	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
97	Colorimetric fluoride sensors based on deprotonation of pyrrole-hemiquinone compounds. <i>Chemical Communications</i> , 2010, 46, 3669.	4.1	177
98	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
99	A novel NIR violanthrone derivative with high electron-deficiency: effect of fluorescence on dicyanomethylene substitution. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2010, 5, 200-207.	0.4	2
100	Quantum Dots Acting as Energy Acceptors with Organic Dyes as Donors in Solution. <i>ChemPhysChem</i> , 2010, 11, 3167-3171.	2.1	23
101	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
102	Near-IR Core-Substituted Naphthalenediimide Fluorescent Chemosensors for Zinc Ions: Ligand Effects on PET and ICT Channels. <i>Chemistry - A European Journal</i> , 2010, 16, 8355-8364.	3.3	163
103	Near-Infrared Cell-Permeable Hg ²⁺ -Selective Ratiometric Fluorescent Chemodosimeters and Fast Indicator Paper for MeHg ⁺ Based on Tricarbocyanines. <i>Chemistry - A European Journal</i> , 2010, 16, 14424-14432.	3.3	163
104	Hydrophilic Copolymer Bearing Dicyanomethylene-4H-pyran Moiety As Fluorescent Film Sensor for Cu ²⁺ and Pyrophosphate Anion. <i>Macromolecules</i> , 2010, 43, 739-744.	4.8	159
105	A hydrophilic fluorescent polymer containing naphthalimide moiety as chemosensor for microbioreactors. <i>Science in China Series B: Chemistry</i> , 2009, 52, 821-826.	0.8	13
106	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
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	Conveniently synthesized isophorone dyes for high efficiency dye-sensitized solar cells: tuning photovoltaic performance by structural modification of donor group in donor-acceptor system. <i>Chemical Communications</i> , 2009, , 1766.	4.1	176
110	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
111	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
112	Synthesis, photophysical and electroluminescent properties of novel naphthalimide derivatives containing an electron-transporting unit. <i>Research on Chemical Intermediates</i> , 2008, 34, 299-308.	2.7	13
113	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
114	One-pot synthesis of highly luminescent CdTe/CdS core/shell nanocrystals in aqueous phase. <i>Nanotechnology</i> , 2008, 19, 135604.	2.6	121
115	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
116	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
117	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
118	A Fluorophore Capable of Crossword Puzzles and Logic Memory. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5549-5553.	13.8	251
119	Antenna-functionalized dendritic β^2 -diketonates and europium complexes: synthetic approaches to generation growth. <i>Tetrahedron</i> , 2006, 62, 5035-5048.	1.9	32
120	Highly stable and fluorescent switching spirooxazines. <i>Tetrahedron</i> , 2006, 62, 9840-9845.	1.9	29
121	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
122	Dendron-functionalized perylenes for red luminescent materials. , 2005, , .		0
123	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
124	White Light Electroluminescence from a Dendritic Europium Complex. <i>Chemistry Letters</i> , 2005, 34, 688-689.	1.3	10
125	Dendron-functionalized perylene diimides with carrier-transporting ability for red luminescent materials. <i>Polymer</i> , 2005, 46, 7658-7669.	3.8	75
126	Dendritic europium complex as a single dopant for white-light electroluminescent devices. <i>Journal of Materials Chemistry</i> , 2005, 15, 3221.	6.7	98

#	ARTICLE	IF	CITATIONS
127	Ï€-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
128	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
129	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
130	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
131	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
132	Synthesis of novel electro-transporting emitting compounds. <i>Dyes and Pigments</i> , 2002, 54, 147-154.	3.7	21
133	Novel luminescent carbazole-naphthalimide dyads for single-layer electroluminescent device. <i>Synthetic Metals</i> , 2001, 119, 547-548.	3.9	21
134	Novel Triad Dyes with Wide Spectral Response for SnO ₂ Nanoporous Electrode. <i>Chemistry Letters</i> , 2000, 29, 778-779.	1.3	9
135	Carrier transport and high-efficiency electroluminescence properties of copolymer thin films. <i>Thin Solid Films</i> , 2000, 363, 173-177.	1.8	10
136	Synthesis and luminescent properties of novel condensed copolymers. <i>Synthetic Metals</i> , 2000, 111-112, 477-479.	3.9	4
137	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
138	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
139	Synthesis and luminescence of novel emitting copolymers. <i>Synthetic Metals</i> , 1999, 102, 1129-1130.	3.9	14
140	Synthesis and Electroluminescence of Novel Copolymers with Charges Transporting Moieties. <i>Chemistry Letters</i> , 1999, 28, 501-502.	1.3	11
141	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
142	Novel triad luminescent compound with an electron transporting and a hole transporting moiety. <i>Synthetic Metals</i> , 1997, 91, 229-231.	3.9	11