Derong Cao

List of Publications by Year in descending order

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130	4,862	101384	114278
papers	citations	36 h-index	63 g-index

134	134	134	4264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Facile and Efficient Preparation of Pillararenes and a Pillarquinone. Angewandte Chemie - International Edition, 2009, 48, 9721-9723.	7.2	600
2	Phenothiazine-based dyes for efficient dye-sensitized solar cells. Journal of Materials Chemistry C, 2016, 4, 2404-2426.	2.7	194
3	Enhanced Performance of the Dye-Sensitized Solar Cells with Phenothiazine-Based Dyes Containing Double Dâ^'A Branches. Organic Letters, 2011, 13, 1610-1613.	2.4	186
4	A Conjugated Polymeric Supramolecular Network with Aggregationâ€Induced Emission Enhancement: An Efficient Lightâ€Harvesting System with an Ultrahigh Antenna Effect. Angewandte Chemie - International Edition, 2020, 59, 9908-9913.	7.2	159
5	Organic Dye Bearing Asymmetric Double Donor-Ï€-Acceptor Chains for Dye-Sensitized Solar Cells. Journal of Organic Chemistry, 2011, 76, 8015-8021.	1.7	140
6	Controllable Construction of Biocompatible Supramolecular Micelles and Vesicles by Water-Soluble Phosphate Pillar[5,6]arenes for Selective Anti-Cancer Drug Delivery. Chemistry of Materials, 2016, 28, 3778-3788.	3.2	119
7	Dithienopyrrolobenzothiadiazole-based organic dyes for efficient dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 15365-15376.	5.2	90
8	Pillar[n]arenesâ€"a Novel, Highly Promising Class of Macrocyclic Host Molecules. Asian Journal of Organic Chemistry, 2014, 3, 244-262.	1.3	86
9	Synthesis and Conformational Properties of Nonsymmetric Pillar[5]arenes and Their Acetonitrile Inclusion Compounds. European Journal of Organic Chemistry, 2010, 2010, 6464-6470.	1.2	82
10	Double Dâ€"Ï€â€"A branched dyes â€" a new class of metal-free organic dyes for efficient dye-sensitized solar cells. Journal of Materials Chemistry C, 2017, 5, 9828-9837.	2.7	78
11	Semisynthetic Flavone-Derived Antimicrobials with Therapeutic Potential against Methicillin-Resistant Staphylococcus aureus (MRSA). Journal of Medicinal Chemistry, 2017, 60, 6152-6165.	2.9	77
12	Photo-controlled fluorescence on/off switching of a pseudo[3]rotaxane between an AIE-active pillar[5]arene host and a photochromic bithienylethene guest. Chemical Communications, 2018, 54, 2405-2408.	2.2	77
13	Trilateral Ï€-conjugation extensions of phenothiazine-based dyes enhance the photovoltaic performance of the dye-sensitized solar cells. Dyes and Pigments, 2016, 124, 63-71.	2.0	75
14	Effect of the linkage location in double branched organic dyes on the photovoltaic performance of DSSCs. Journal of Materials Chemistry A, 2015, 3, 1333-1344.	5.2	72
15	Excited State Intramolecular Proton Transfer Plus Aggregation-Induced Emission-Based Diketopyrrolopyrrole Luminogen: Photophysical Properties and Simultaneously Discriminative Detection of Trace Water in Three Organic Solvents. Analytical Chemistry, 2019, 91, 5261-5269.	3.2	71
16	A colorimetric and fluorescence â€œturn-offâ€•chemosensor for the detection of silver ion based on a conjugated polymer containing 2,3-di(pyridin-2-yl)quinoxaline. Sensors and Actuators B: Chemical, 2015, 207, 281-290.	4.0	70
17	Synthesis and host-guest properties of pillar[6]arenes. Science China Chemistry, 2012, 55, 223-228.	4.2	69
18	Symmetrically Substituted Xanthone Amphiphiles Combat Gram-Positive Bacterial Resistance with Enhanced Membrane Selectivity. Journal of Medicinal Chemistry, 2017, 60, 1362-1378.	2.9	68

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19	2,3-Dipentyldithieno[3,2-f:2â€²,3â€²-h]quinoxaline-Based Organic Dyes for Efficient Dye-Sensitized Solar Cells: Effect of Ï€-Bridges and Electron Donors on Solar Cell Performance. ACS Applied Materials & Interfaces, 2015, 7, 20418-20429.	4.0	63
20	Novel dithieno[3,2-b:2â€²,3â€²-d]pyrrole-based organic dyes with high molar extinction coefficient for dye-sensitized solar cells. Organic Electronics, 2013, 14, 2071-2081.	1.4	58
21	Synthesis, characterization and in vitro biological activity of cobalt(II), copper(II) and zinc(II) Schiff base complexes derived from salicylaldehyde and D,Lâ€selenomethionine. Applied Organometallic Chemistry, 2011, 25, 9-15.	1.7	52
22	Monoester Copillar[5]arenes: Synthesis, Unusual Selfâ€Inclusion Behavior, and Molecular Recognition. Chemistry - A European Journal, 2013, 19, 7064-7070.	1.7	52
23	A colorimetric probe based on diketopyrrolopyrrole and tert-butyl cyanoacetate for cyanide detection. New Journal of Chemistry, 2015, 39, 7211-7218.	1.4	49
24	Nonpeptidic Amphiphilic Xanthone Derivatives: Structureâ€“Activity Relationship and Membrane-Targeting Properties. Journal of Medicinal Chemistry, 2016, 59, 171-193.	2.9	47
25	Effect of scaffold structures on the artificial light-harvesting systems: a case study with an AIEE-active pillar[5]arene dyad. Chemical Communications, 2019, 55, 5910-5913.	2.2	47
26	Recent advances on reaction-based amine fluorescent probes. Dyes and Pigments, 2021, 194, 109634.	2.0	47
27	Probes based on diketopyrrolopyrrole and anthracenone conjugates with aggregation-induced emission characteristics for pH and BSA sensing. Sensors and Actuators B: Chemical, 2015, 221, 155-166.	4.0	45
28	Pillar[5]areneâ€Diketopyrrolopyrrole Fluorescent Copolymer: A Promising Recognition and Adsorption Material for Adiponitrile by Selective Formation of a Conjugated Polypseudorotaxane. Macromolecular Rapid Communications, 2017, 38, 1700161.	2.0	45
29	A monophosphoryl copillar[5]arene: synthesis and hostâ€“guest complexation with alkanols. RSC Advances, 2013, 3, 21405.	1.7	44
30	Syntheses, characterization and biological studies of zinc(II), copper(II) and cobalt(II) complexes with Schiff base ligand derived from 2â€hydroxyâ€1â€naphthaldehyde and selenomethionine. Applied Organometallic Chemistry, 2010, 24, 741-747.	1.7	43
31	Molecular design of the diketopyrrolopyrrole-based dyes with varied donor units for efficient dye-sensitized solar cells. Journal of Power Sources, 2014, 271, 455-464.	4.0	43
32	A BODIPY-based dye with red fluorescence in solid state and used as a fluorescent and colorimetric probe for highly selective detection of cyanide. Sensors and Actuators B: Chemical, 2017, 239, 1307-1317.	4.0	43
33	Synthesis and properties of photochromic spirooxazine with aggregation-induced emission fluorophores polymeric nanoparticles. Dyes and Pigments, 2017, 142, 481-490.	2.0	42
34	Fluorescent nanoaggregates of quinoxaline derivatives for highly efficient and selective sensing of trace picric acid. Dyes and Pigments, 2018, 155, 107-113.	2.0	41
35	Hostâ€“guest properties of pillar[7]arene towards substituted adamantane ammonium cations. RSC Advances, 2014, 4, 4330-4333.	1.7	39
36	Semisynthesis and Biological Evaluation of Xanthone Amphiphilics as Selective, Highly Potent Antifungal Agents to Combat Fungal Resistance. Journal of Medicinal Chemistry, 2017, 60, 10135-10150.	2.9	36

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37	Interfacial Engineering of PTAA/Perovskites for Improved Crystallinity and Hole Extraction in Inverted Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 3284-3292.	4.0	36
38	Selective precipitation of alkyl dihalides using a newly synthesized water-soluble bisphosphorylpillar[5]arene. Chemical Communications, 2016, 52, 8075-8078.	2.2	34
39	Optical switches with biplanemers obtained by intramolecular photocycloaddition reactions of tethered arenes. Chemical Society Reviews, 2013, 42, 143-155.	18.7	33
40	Influence of spatial arrangements of Ï€-spacer and acceptor of phenothiazine based dyes on the performance of dye-sensitized solar cells. Organic Electronics, 2013, 14, 2662-2672.	1.4	33
41	Synthesis of double Dâ€“A branched organic dyes employing indole and phenoxazine as donors for efficient DSSCs. Tetrahedron, 2014, 70, 6296-6302.	1.0	33
42	A facile synthesis of novel near-infrared pyrrolopyrrole aza-BODIPY luminogens with aggregation-enhanced emission characteristics. Chemical Communications, 2017, 53, 8352-8355.	2.2	33
43	A highly efficient, colorimetric and fluorescent probe for recognition of aliphatic primary amines based on a unique cascade chromophore reaction. Chemical Communications, 2019, 55, 9789-9792.	2.2	33
44	Pillararene-based fluorescent sensors for the tracking of organic compounds. Chinese Chemical Letters, 2019, 30, 1758-1766.	4.8	32
45	Pyrrolopyrrole aza-BODIPY dyes for ultrasensitive and highly selective biogenic diamine detection. Sensors and Actuators B: Chemical, 2020, 312, 127953.	4.0	32
46	Amphiphilic xanthones as a potent chemical entity of anti-mycobacterial agents with membrane-targeting properties. European Journal of Medicinal Chemistry, 2016, 123, 684-703.	2.6	30
47	Diketopyrrolopyrrole: An emerging phototherapy agent in fighting cancer. Dyes and Pigments, 2020, 181, 108599.	2.0	30
48	Twisted intramolecular charge transfer and aggregation-enhanced emission characteristics based quinoxaline luminogen: photophysical properties and a turn-on fluorescent probe for glutathione. Journal of Materials Chemistry C, 2019, 7, 3779-3786.	2.7	29
49	An interface-targeting and H₂O₂-activatable probe liberating AIEgen: enabling on-site imaging and dynamic movement tracking of lipid droplets. Chemical Communications, 2019, 55, 4491-4494.	2.2	29
50	Phenothiazine dye featuring encapsulated insulated molecular wire as auxiliary donor for high photovoltage of dye-sensitized solar cells by suppression of aggregation. Electrochimica Acta, 2019, 302, 225-233.	2.6	29
51	Photo-induced morphology transition of a multifunctional photochromic bisthienylethene molecule with switchable aggregation-induced emission. Science China Chemistry, 2018, 61, 1301-1306.	4.2	28
52	Development of a novel chromophore reaction-based fluorescent probe for biogenic amines detection. Journal of Materials Chemistry B, 2021, 9, 9383-9394.	2.9	28
53	Quinoxaline-based organic dyes for efficient dye-sensitized solar cells: Effect of different electron-withdrawing auxiliary acceptors on the solar cell performance. Dyes and Pigments, 2018, 159, 8-17.	2.0	27
54	Pyridinium-substituted tetraphenylethylene salt-based photosensitizers by varying counter anions: a highly efficient photodynamic therapy for cancer cell ablation and bacterial inactivation. Journal of Materials Chemistry B, 2020, 8, 5234-5244.	2.9	27

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55	Synthesis of diketopyrrolopyrroleâ€•containing conjugated polyelectrolytes for nakedâ€•eye detection of DNA. Journal of Polymer Science Part A, 2011, 49, 3882-3889.	2.5	26
56	A fluorescent turn-on probe for detection of HSO4â¯ ion based on hydrolysis of BODIPY-derived Schiff base with chromogenic and fluorogenic dual signals. Sensors and Actuators B: Chemical, 2016, 222, 1184-1192.	4.0	26
57	Synthesis, photoluminescence, chromogenic and fluorogenic discrimination of fluoride and cyanide based on a triphenylamine-tri(2-formyl BODIPY) conjugate. Sensors and Actuators B: Chemical, 2017, 241, 1224-1234.	4.0	26
58	A multistimuli-responsive fluorescent switch in the solution and solid states based on spiro[fluorene-9,9â€²-xanthene]-spiropyran. Journal of Materials Chemistry C, 2019, 7, 9102-9111.	2.7	26
59	Metal-free organic dyes with di(1-benzothieno)[3,2-b:2â€²,3â€²-d]pyrrole as a donor for efficient dye-sensitized solar cells: Effect of mono- and bi-anchors on photovoltaic performance. Dyes and Pigments, 2019, 165, 103-111.	2.0	26
60	D-A-Ï€-A organic sensitizers containing a benzothiazole moiety as an additional acceptor for use in solar cells. Science China Chemistry, 2013, 56, 505-513.	4.2	25
61	Impact of the position isomer of the linkage in the double Dâ€“A branch-based organic dyes on the photovoltaic performance. Dyes and Pigments, 2014, 104, 89-96.	2.0	25
62	Synthesis of Pillar[6]arenes and Their Hostâ€“Guest Complexes. Synthesis, 2015, 47, 1041-1056.	1.2	25
63	Stronger hostâ€“guest binding does not necessarily give brighter particles: a case study on polymeric AIEE-tunable and size-tunable supraspheres. Chemical Communications, 2018, 54, 9274-9277.	2.2	25
64	Effect of structural engineering of Ï€-spacers on anti-aggregation of Dâ€“Aâ€“Ï€â€“A dyes. Journal of Materials Chemistry C, 2019, 7, 10379-10388.	2.7	25
65	Encapsulation of Dyes in Luminescent Metal-Organic Frameworks for White Light Emitting Diodes. Nanomaterials, 2021, 11, 2761.	1.9	25
66	Recent advances of NIR dyes of pyrrolopyrrole cyanine and pyrrolopyrrole aza-BODIPY: Synthesis and application. Dyes and Pigments, 2022, 198, 110040.	2.0	25
67	The synthesis and highly sensitive detection of water content in THF using a novel solvatochromic AIE polymer containing diketopyrrolopyrrole and triphenylamine. New Journal of Chemistry, 2016, 40, 6706-6713.	1.4	24
68	Fluorescent-Cavity Host: An Efficient Probe to Study Supramolecular Recognition Mechanisms. Journal of Physical Chemistry Letters, 2018, 9, 1047-1052.	2.1	24
69	Dâ€“Ï€â€“Aâ€“Ï€â€“A featured dyes containing different electron-withdrawing auxiliary acceptors: The impact on photovoltaic performances. Dyes and Pigments, 2016, 131, 134-144.	2.0	23
70	A cyanide-selective colorimetric â€œnaked-eyeâ€•and fluorescent chemosensor based on a diketopyrrolopyrroleâ€“hydrazone conjugate and its use for the design of a molecular-scale logic device. RSC Advances, 2016, 6, 96676-96685.	1.7	23
71	Synthesis and photovoltaic performance of asymmetric di-anchoring organic dyes. Dyes and Pigments, 2015, 122, 13-21.	2.0	22
72	Dye-sensitized solar cells based on (Dâ¯Ï€â¯A)3L2 phenothiazine dyes containing auxiliary donors and flexible linkers with different length of carbon chain. Electrochimica Acta, 2018, 283, 1732-1741.	2.6	22

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73	A Conjugated Polymeric Supramolecular Network with Aggregationâ€Induced Emission Enhancement: An Efficient Lightâ€Harvesting System with an Ultrahigh Antenna Effect. Angewandte Chemie, 2020, 132, 9994-9999.	1.6	22
74	Synthesis of cationic diacetyleneâ€coâ€carbazoleâ€coâ€fluorene polymers and their sensitive fluorescent quenching properties with DNA. Journal of Polymer Science Part A, 2010, 48, 4168-4177.	2.5	21
75	Complexation Selectivities of Pillar[5]arenes with Primary Ammonium Salts. Chinese Journal of Chemistry, 2013, 31, 624-626.	2.6	20
76	Molecular engineering of the fused azacycle donors in the D-A-Ï€-A metal-free organic dyes for efficient dye-sensitized solar cells. Dyes and Pigments, 2022, 197, 109922.	2.0	20
77	Recent Advances of AIE-Active Conjugated Polymers: Synthesis and Application. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 668-681.	1.2	19
78	A highly selective and sensitive photoswitchable fluorescent probe for Hg2+ based on bisthienyletheneâ€“rhodamine 6G dyad and for live cells imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 567-574.	2.0	19
79	A nitroolefin functionalized DPP fluorescent probe for the selective detection of hydrogen sulfide. New Journal of Chemistry, 2017, 41, 3367-3373.	1.4	19
80	Recent advance of lipid droplets fluorescence imaging with aggregation-induced emission luminogens (AIEgens). Dyes and Pigments, 2022, 203, 110332.	2.0	19
81	Recent Advances and the Application of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) as Tissue Engineering Materials. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 885-893.	1.2	18
82	Metal-free organic dyes with di(1-benzothieno)[3,2-b:2â€²,3â€²-d]pyrrole as an auxiliary donor for efficient dye-sensitized solar cells: Effect of the molecular engineering on the photovoltaic performance. Dyes and Pigments, 2019, 171, 107676.	2.0	18
83	A novel and efficient chromophore reaction based on a lactam-fused aza-BODIPY for polyamine detection. Analytica Chimica Acta, 2020, 1135, 38-46.	2.6	18
84	Influence of donor units on spiro[fluorene-9,9â€²-xanthene]-based dopant-free hole transporting materials for perovskite solar cells. Solar Energy, 2021, 216, 180-187.	2.9	18
85	Impact of Ï€-conjugation configurations on the photovoltaic performance of the quinoxaline-based organic dyes. Dyes and Pigments, 2017, 145, 126-135.	2.0	17
86	Selenium-containing Dâ€'Aâ€'D-type dopant-free hole transport materials for perovskite solar cells. Dyes and Pigments, 2021, 191, 109339.	2.0	17
87	Synthesis and inclusion properties of pillar[n]arenes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 77, 279-289.	0.9	16
88	Tailoring Fluorescence Emission of Diketopyrrolopyrrole Dyes by an Aggregationâ€Induced Emission Coupled Excitedâ€State Intramolecular Proton Transfer Process. Chemistry - an Asian Journal, 2018, 13, 950-954.	1.7	16
89	Synthesis and Characterization of Novel Biodegradable Polyamides ContainingÎ±-amino Acid. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 46, 312-320.	1.2	15
90	Hostâ€“Guest Complexation of Monoanionic and Dianionic Guests with a Polycationic Pillararene Host: Same Two-Step Mechanism but Striking Difference in Rate upon Inclusion. Journal of Physical Chemistry Letters, 2020, 11, 2021-2026.	2.1	15

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91	The roles of polyacrylate in poly(vinyl chloride)â€lignin composites. Polymer Composites, 2011, 32, 1399-1407.	2.3	14
92	Wavelength tunable tetraphenylethene fluorophore dyads: Synthesis, aggregation-induced emission and Cl2 gas detection. Dyes and Pigments, 2018, 149, 543-552.	2.0	14
93	Pillarquinones and Pillararenequinones. Israel Journal of Chemistry, 2018, 58, 1188-1193.	1.0	14
94	2-Pyridine-1H-benzo[d]imidazole based conjugated polymers: A selective fluorescent chemosensor for Ni2+ or Ag+ depending on the molecular linkage sites. Sensors and Actuators B: Chemical, 2014, 196, 495-503.	4.0	13
95	Tetraphenylethene-functionalized diketopyrrolopyrrole solid state emissive molecules: enhanced emission in the solid state and as a fluorescent probe for cyanide detection. RSC Advances, 2016, 6, 55182-55193.	1.7	13
96	Design and synthesis of an AIEgen with multiple functions: Solvatochromism, chromism, lipid droplet imaging. Dyes and Pigments, 2020, 181, 108537.	2.0	13
97	Characterization of nanoparticles combining polyamine detection with photodynamic therapy. Communications Biology, 2021, 4, 803.	2.0	13
98	Synthesis and characterization of novel red-emitting copolymers containing fluorene, diketopyrrolopyrrole, and phenothiazine units. Science in China Series B: Chemistry, 2009, 52, 2038-2042.	0.8	12
99	Bio-inspired AIE pillar[5]arene probe with multiple binding sites to discriminate alkanediamines. Chemical Communications, 2021, 57, 13114-13117.	2.2	12
100	Hexnut[12]arene and its derivatives: Synthesis, host-guest properties, and application as nonporous adaptive crystals. Science China Chemistry, 2022, 65, 539-545.	4.2	12
101	Novel butterfly-shaped AIE-active pyrrolopyrrole aza-BODIPYs: synthesis, bioimaging and diamine/polyamine detection. Journal of Materials Chemistry C, 2022, 10, 5672-5683.	2.7	12
102	Synthesis of a Cationic BODIPY-Containing Conjugated Polymer for Detection of DNA and Cellular Imaging. Journal of Fluorescence, 2016, 26, 427-437.	1.3	11
103	Synthesis of a BODIPYâ€“2-(2â€²-hydroxyphenyl)benzothiazole conjugate with solid state emission and its application as a fluorescent pH probe. Analytical Methods, 2018, 10, 1633-1639.	1.3	11
104	Conjugating pillararene dye in dye-sensitized solar cells. Cell Reports Physical Science, 2021, 2, 100326.	2.8	11
105	A pillar[5]arene-containing cross-linked polymer: synthesis, characterization and adsorption of dihaloalkanes and n-alkylene dinitriles. RSC Advances, 2016, 6, 89810-89814.	1.7	9
106	A Colorimetric and Fluorescent Probe Based on Michael Acceptor Type Diketopyrrolopyrrole for Cyanide Detection. Journal of Fluorescence, 2017, 27, 1587-1594.	1.3	9
107	Transparent heat insulation coatings with high selective shielding ability designed with novel superstructures of copper sulfide nanoplates. Journal of Materials Science, 2019, 54, 302-312.	1.7	9
108	An assembly-induced-emission orthogonal supramolecular network with spirobifluorene, pillararene, and tetraphenylethylene units for efficient light harvesting. Journal of Materials Chemistry A, 2022, 10, 11332-11339.	5.2	9

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109	Dopant-free dithieno[3â€²,2':3,4;2â€³,3'':5,6]benzo[1,2-d]imidazole-based hole-transporting materials for efficient perovskite solar cells. Dyes and Pigments, 2021, 188, 109241.	2.0	8
110	Expanding Ï€-bridge and introducing auxiliary acceptor for realizing panchromatic absorption of the phenothiazine dyes in dye-sensitized solar cells. Solar Energy, 2022, 240, 399-407.	2.9	8
111	Crystal Structure and Hostâ€Guest Binding Ability of Three Types of Pillar[5]arenes. Chinese Journal of Chemistry, 2015, 33, 346-350.	2.6	7
112	Preparation and transparent heat insulating properties of aqueous acrylicâ€“aminoâ€“alkyd coatings with CuS nanoplates. Journal of Materials Science: Materials in Electronics, 2017, 28, 14596-14604.	1.1	7
113	Stimuliâ€Responsive Copolymer and Uniform Polymeric Nanoparticles with Photochromism and Switchable Emission. ChemPhotoChem, 2019, 3, 568-574.	1.5	7
114	A cucurbiturilâ€“pillararene ring-on-ring complex. Chemical Communications, 2021, 57, 6562-6565.	2.2	7
115	Pillararenes. Chinese Journal of Chemistry, 2015, 33, 303-303.	2.6	6
116	Total synthesis of lespedezavirgatol. Science China Chemistry, 2010, 53, 2547-2550.	4.2	5
117	Fluorescence enhancement of cationic diacetyleneâ€contained polyelectrolyte by anions and cations and application for sensitive and selective detection of Hg²⁺. Journal of Polymer Science, Part B: Polymer Physics, 2011, 49, 1690-1694.	2.4	5
118	Impact of Ï€-spacers of dithieno[3,2-f:2â€²,3â€²-h]quinoxaline-based organic dyes with three Ï€-spacers on the solar cell performance. Journal of Materials Science: Materials in Electronics, 2019, 30, 647-657.	1.1	5
119	Modulating the molecular configuration by varying linking bridge for double-anchored dye-sensitized solar cells. Journal of Chemical Physics, 2020, 152, 244708.	1.2	5
120	Effect of substituents of phenyl of Ï€-linkage in carbazole sensitizers on the photovoltaic performance of the dye-sensitized solar cells. Dyes and Pigments, 2021, 194, 109582.	2.0	5
121	Synthesis and Spectra Characteristics of Novel 3-(para-Bromophenyl)-7-(substituted vinyl) Coumarins. Journal of Heterocyclic Chemistry, 2013, 50, 551-556.	1.4	4
122	Design, synthesis and applications of NIR-emissive scaffolds of diketopyrrolopyrrole-aza-BODIPY hybrids. Chemical Communications, 2022, 58, 5996-5999.	2.2	4
123	Synthesis of FrÃ©chet-type dendritic homotriptycenes. Science in China Series B: Chemistry, 2009, 52, 1051-1056.	0.8	3
124	Fabrication and Application of Dual-Modality Polymer Nanoparticles Based on an Aggregation-Induced Emission-Active Fluorescent Molecule and Magnetic Fe3O4. Polymers, 2019, 11, 220.	2.0	3
125	A visible-light-gated donorâ€“acceptor Stenhouse adduct chemosensor: synthesis, photochromism and naked-eye colorimetric/fluorometric sensing of Al³⁺ and Zn²⁺. New Journal of Chemistry, 2022, 46, 12600-12608.	1.4	3
126	Synthesis and Characterization of New Unsaturated Degradable Poly(ether ester amide)s Containing Ethylene Oxide Moieties. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 46, 282-289.	1.2	2

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127	Syntheses and Characterization of 4-Octyloxybenzyl Substituted Diketopyrrolopyrrole-based Red Emitting Copolymers with Low Turn-on Voltage. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 1059-1068.	1.2	0
128	Frontispiz: A Conjugated Polymeric Supramolecular Network with Aggregationâ€Induced Emission Enhancement: An Efficient Lightâ€Harvesting System with an Ultrahigh Antenna Effect. Angewandte Chemie, 2020, 132, .	1.6	0
129	Frontispiece: A Conjugated Polymeric Supramolecular Network with Aggregationâ€Induced Emission Enhancement: An Efficient Lightâ€Harvesting System with an Ultrahigh Antenna Effect. Angewandte Chemie - International Edition, 2020, 59, .	7.2	0
130	GroÃŸe Leuchten mit Pillararenen. Nachrichten Aus Der Chemie, 2019, 67, 73-75.	0.0	0