

Derong Cao

List of Publications by Year in descending order

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130
papers

4,862
citations

101384

36
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114278

63
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all docs

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docs citations

134
times ranked

4264
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular engineering of the fused azacycle donors in the D-A- π -A metal-free organic dyes for efficient dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2022, 197, 109922.	2.0	20
2	Recent advances of NIR dyes of pyrrolopyrrole cyanine and pyrrolopyrrole aza-BODIPY: Synthesis and application. <i>Dyes and Pigments</i> , 2022, 198, 110040.	2.0	25
3	Interfacial Engineering of PTAA/Perovskites for Improved Crystallinity and Hole Extraction in Inverted Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 3284-3292.	4.0	36
4	Hexnut[12]arene and its derivatives: Synthesis, host-guest properties, and application as nonporous adaptive crystals. <i>Science China Chemistry</i> , 2022, 65, 539-545.	4.2	12
5	Novel butterfly-shaped AIE-active pyrrolopyrrole <i>aza</i> -BODIPYs: synthesis, bioimaging and diamine/polyamine detection. <i>Journal of Materials Chemistry C</i> , 2022, 10, 5672-5683.	2.7	12
6	An assembly-induced-emission orthogonal supramolecular network with spirobifluorene, pillararene, and tetraphenylethylene units for efficient light harvesting. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11332-11339.	5.2	9
7	Design, synthesis and applications of NIR-emissive scaffolds of diketopyrrolopyrrole-aza-BODIPY hybrids. <i>Chemical Communications</i> , 2022, 58, 5996-5999.	2.2	4
8	Recent advance of lipid droplets fluorescence imaging with aggregation-induced emission luminogens (AIEgens). <i>Dyes and Pigments</i> , 2022, 203, 110332.	2.0	19
9	Expanding π -bridge and introducing auxiliary acceptor for realizing panchromatic absorption of the phenothiazine dyes in dye-sensitized solar cells. <i>Solar Energy</i> , 2022, 240, 399-407.	2.9	8
10	A visible-light-gated donor-acceptor Stenhouse adduct chemosensor: synthesis, photochromism and naked-eye colorimetric/fluorometric sensing of Al^{3+} and Zn^{2+} . <i>New Journal of Chemistry</i> , 2022, 46, 12600-12608.	1.4	3
11	A cucurbituril-pillararene ring-on-ring complex. <i>Chemical Communications</i> , 2021, 57, 6562-6565.	2.2	7
12	Conjugating pillararene dye in dye-sensitized solar cells. <i>Cell Reports Physical Science</i> , 2021, 2, 100326.	2.8	11
13	Influence of donor units on spiro[fluorene-9,9'-xanthene]-based dopant-free hole transporting materials for perovskite solar cells. <i>Solar Energy</i> , 2021, 216, 180-187.	2.9	18
14	Dopant-free dithieno[3,2':3,4;2,3':5,6]benzo[1,2-d]imidazole-based hole-transporting materials for efficient perovskite solar cells. <i>Dyes and Pigments</i> , 2021, 188, 109241.	2.0	8
15	Selenium-containing D π A π D-type dopant-free hole transport materials for perovskite solar cells. <i>Dyes and Pigments</i> , 2021, 191, 109339.	2.0	17
16	Characterization of nanoparticles combining polyamine detection with photodynamic therapy. <i>Communications Biology</i> , 2021, 4, 803.	2.0	13
17	Effect of substituents of phenyl of π -linkage in carbazole sensitizers on the photovoltaic performance of the dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2021, 194, 109582.	2.0	5
18	Recent advances on reaction-based amine fluorescent probes. <i>Dyes and Pigments</i> , 2021, 194, 109634.	2.0	47

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19	Development of a novel chromophore reaction-based fluorescent probe for biogenic amines detection. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9383-9394.	2.9	28
20	Encapsulation of Dyes in Luminescent Metal-Organic Frameworks for White Light Emitting Diodes. <i>Nanomaterials</i> , 2021, 11, 2761.	1.9	25
21	Bio-inspired AIE pillar[5]arene probe with multiple binding sites to discriminate alkanediamines. <i>Chemical Communications</i> , 2021, 57, 13114-13117.	2.2	12
22	A Conjugated Polymeric Supramolecular Network with Aggregation-Induced Emission Enhancement: An Efficient Light-Harvesting System with an Ultrahigh Antenna Effect. <i>Angewandte Chemie</i> , 2020, 132, 9994-9999.	1.6	22
23	A Conjugated Polymeric Supramolecular Network with Aggregation-Induced Emission Enhancement: An Efficient Light-Harvesting System with an Ultrahigh Antenna Effect. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9908-9913.	7.2	159
24	A novel and efficient chromophore reaction based on a lactam-fused aza-BODIPY for polyamine detection. <i>Analytica Chimica Acta</i> , 2020, 1135, 38-46.	2.6	18
25	Design and synthesis of an AIEgen with multiple functions: Solvatochromism, chromism, lipid droplet imaging. <i>Dyes and Pigments</i> , 2020, 181, 108537.	2.0	13
26	Pyridinium-substituted tetraphenylethylene salt-based photosensitizers by varying counter anions: a highly efficient photodynamic therapy for cancer cell ablation and bacterial inactivation. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5234-5244.	2.9	27
27	Frontispiz: A Conjugated Polymeric Supramolecular Network with Aggregation-Induced Emission Enhancement: An Efficient Light-Harvesting System with an Ultrahigh Antenna Effect. <i>Angewandte Chemie</i> , 2020, 132, .	1.6	0
28	Diketopyrrolopyrrole: An emerging phototherapy agent in fighting cancer. <i>Dyes and Pigments</i> , 2020, 181, 108599.	2.0	30
29	Frontispiece: A Conjugated Polymeric Supramolecular Network with Aggregation-Induced Emission Enhancement: An Efficient Light-Harvesting System with an Ultrahigh Antenna Effect. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	7.2	0
30	Pyrrolopyrrole aza-BODIPY dyes for ultrasensitive and highly selective biogenic diamine detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 312, 127953.	4.0	32
31	Modulating the molecular configuration by varying linking bridge for double-anchored dye-sensitized solar cells. <i>Journal of Chemical Physics</i> , 2020, 152, 244708.	1.2	5
32	Host-Guest Complexation of Monoanionic and Dianionic Guests with a Polycationic Pillararene Host: Same Two-Step Mechanism but Striking Difference in Rate upon Inclusion. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2021-2026.	2.1	15
33	Transparent heat insulation coatings with high selective shielding ability designed with novel superstructures of copper sulfide nanoplates. <i>Journal of Materials Science</i> , 2019, 54, 302-312.	1.7	9
34	A highly efficient, colorimetric and fluorescent probe for recognition of aliphatic primary amines based on a unique cascade chromophore reaction. <i>Chemical Communications</i> , 2019, 55, 9789-9792.	2.2	33
35	Effect of structural engineering of β -spacers on anti-aggregation of AIE dyes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10379-10388.	2.7	25
36	A multistimuli-responsive fluorescent switch in the solution and solid states based on spiro[fluorene-9,9'-xanthene]-spiropyran. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9102-9111.	2.7	26

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37	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. <i>Dyes and Pigments</i> , 2019, 171, 107676.	2.0	18
38	Twisted intramolecular charge transfer and aggregation-enhanced emission characteristics based quinoxaline luminogen: photophysical properties and a turn-on fluorescent probe for glutathione. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3779-3786.	2.7	29
39	Pillararene-based fluorescent sensors for the tracking of organic compounds. <i>Chinese Chemical Letters</i> , 2019, 30, 1758-1766.	4.8	32
40	Effect of scaffold structures on the artificial light-harvesting systems: a case study with an AIEE-active pillar[5]arene dyad. <i>Chemical Communications</i> , 2019, 55, 5910-5913.	2.2	47
41	An interface-targeting and H ₂ O ₂ -activatable probe liberating AIEgen: enabling on-site imaging and dynamic movement tracking of lipid droplets. <i>Chemical Communications</i> , 2019, 55, 4491-4494.	2.2	29
42	Stimuli-Responsive Copolymer and Uniform Polymeric Nanoparticles with Photochromism and Switchable Emission. <i>ChemPhotoChem</i> , 2019, 3, 568-574.	1.5	7
43	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. <i>Analytical Chemistry</i> , 2019, 91, 5261-5269.	3.2	71
44	Fabrication and Application of Dual-Modality Polymer Nanoparticles Based on an Aggregation-Induced Emission-Active Fluorescent Molecule and Magnetic Fe ₃ O ₄ . <i>Polymers</i> , 2019, 11, 220.	2.0	3
45	Phenothiazine dye featuring encapsulated insulated molecular wire as auxiliary donor for high photovoltage of dye-sensitized solar cells by suppression of aggregation. <i>Electrochimica Acta</i> , 2019, 302, 225-233.	2.6	29
46	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. <i>Dyes and Pigments</i> , 2019, 165, 103-111.	2.0	26
47	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. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 647-657.	1.1	5
48	GroÃŸe Leuchten mit Pillararenen. <i>Nachrichten Aus Der Chemie</i> , 2019, 67, 73-75.	0.0	0
49	Tailoring Fluorescence Emission of Diketopyrrolopyrrole Dyes by an Aggregation-Induced Emission Coupled Excited-State Intramolecular Proton Transfer Process. <i>Chemistry - an Asian Journal</i> , 2018, 13, 950-954.	1.7	16
50	Fluorescent-Cavity Host: An Efficient Probe to Study Supramolecular Recognition Mechanisms. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1047-1052.	2.1	24
51	Photo-controlled fluorescence on/off switching of a pseudo[3]rotaxane between an AIE-active pillar[5]arene host and a photochromic bithienylethene guest. <i>Chemical Communications</i> , 2018, 54, 2405-2408.	2.2	77
52	Quinoxaline-based organic dyes for efficient dye-sensitized solar cells: Effect of different electron-withdrawing auxiliary acceptors on the solar cell performance. <i>Dyes and Pigments</i> , 2018, 159, 8-17.	2.0	27
53	Fluorescent nanoaggregates of quinoxaline derivatives for highly efficient and selective sensing of trace picric acid. <i>Dyes and Pigments</i> , 2018, 155, 107-113.	2.0	41
54	Synthesis of a BODIPY-2-(2â€²-hydroxyphenyl)benzothiazole conjugate with solid state emission and its application as a fluorescent pH probe. <i>Analytical Methods</i> , 2018, 10, 1633-1639.	1.3	11

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55	Wavelength tunable tetraphenylethene fluorophore dyads: Synthesis, aggregation-induced emission and Cl ₂ gas detection. <i>Dyes and Pigments</i> , 2018, 149, 543-552.	2.0	14
56	Photo-induced morphology transition of a multifunctional photochromic bisthienylethene molecule with switchable aggregation-induced emission. <i>Science China Chemistry</i> , 2018, 61, 1301-1306.	4.2	28
57	Stronger host-guest binding does not necessarily give brighter particles: a case study on polymeric AIEE-tunable and size-tunable supraspheres. <i>Chemical Communications</i> , 2018, 54, 9274-9277.	2.2	25
58	Pillarquinones and Pillararenequinones. <i>Israel Journal of Chemistry</i> , 2018, 58, 1188-1193.	1.0	14
59	Dye-sensitized solar cells based on (D ⁺ -A) ₃ L ₂ phenothiazine dyes containing auxiliary donors and flexible linkers with different length of carbon chain. <i>Electrochimica Acta</i> , 2018, 283, 1732-1741.	2.6	22
60	Symmetrically Substituted Xanthone Amphiphiles Combat Gram-Positive Bacterial Resistance with Enhanced Membrane Selectivity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1362-1378.	2.9	68
61	Synthesis and properties of photochromic spirooxazine with aggregation-induced emission fluorophores polymeric nanoparticles. <i>Dyes and Pigments</i> , 2017, 142, 481-490.	2.0	42
62	A Colorimetric and Fluorescent Probe Based on Michael Acceptor Type Diketopyrrolopyrrole for Cyanide Detection. <i>Journal of Fluorescence</i> , 2017, 27, 1587-1594.	1.3	9
63	Pillar[5]arene-Diketopyrrolopyrrole Fluorescent Copolymer: A Promising Recognition and Adsorption Material for Adiponitrile by Selective Formation of a Conjugated Polypseudorotaxane. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700161.	2.0	45
64	Semisynthetic Flavone-Derived Antimicrobials with Therapeutic Potential against Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA). <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6152-6165.	2.9	77
65	Impact of π -conjugation configurations on the photovoltaic performance of the quinoxaline-based organic dyes. <i>Dyes and Pigments</i> , 2017, 145, 126-135.	2.0	17
66	A nitroolefin functionalized DPP fluorescent probe for the selective detection of hydrogen sulfide. <i>New Journal of Chemistry</i> , 2017, 41, 3367-3373.	1.4	19
67	Double D ⁺ -A branched dyes a new class of metal-free organic dyes for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9828-9837.	2.7	78
68	Preparation and transparent heat insulating properties of aqueous acrylic-amino-alkyd coatings with CuS nanoplates. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 14596-14604.	1.1	7
69	Semisynthesis and Biological Evaluation of Xanthone Amphiphilics as Selective, Highly Potent Antifungal Agents to Combat Fungal Resistance. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 10135-10150.	2.9	36
70	A facile synthesis of novel near-infrared pyrrolopyrrole aza-BODIPY luminogens with aggregation-enhanced emission characteristics. <i>Chemical Communications</i> , 2017, 53, 8352-8355.	2.2	33
71	A BODIPY-based dye with red fluorescence in solid state and used as a fluorescent and colorimetric probe for highly selective detection of cyanide. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 1307-1317.	4.0	43
72	Synthesis, photoluminescence, chromogenic and fluorogenic discrimination of fluoride and cyanide based on a triphenylamine-tri(2-formyl BODIPY) conjugate. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1224-1234.	4.0	26

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73	Phenothiazine-based dyes for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2404-2426.	2.7	194
74	Dâ€“â€“Aâ€“â€“A featured dyes containing different electron-withdrawing auxiliary acceptors: The impact on photovoltaic performances. <i>Dyes and Pigments</i> , 2016, 131, 134-144.	2.0	23
75	Selective precipitation of alkyl dihalides using a newly synthesized water-soluble bisphosphorylpillar[5]arene. <i>Chemical Communications</i> , 2016, 52, 8075-8078.	2.2	34
76	A cyanide-selective colorimetric and fluorescent chemosensor based on a diketopyrrolopyrrole-hydrazone conjugate and its use for the design of a molecular-scale logic device. <i>RSC Advances</i> , 2016, 6, 96676-96685.	1.7	23
77	Amphiphilic xanthenes as a potent chemical entity of anti-mycobacterial agents with membrane-targeting properties. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 684-703.	2.6	30
78	A pillar[5]arene-containing cross-linked polymer: synthesis, characterization and adsorption of dihaloalkanes and n-alkylene dinitriles. <i>RSC Advances</i> , 2016, 6, 89810-89814.	1.7	9
79	Controllable Construction of Biocompatible Supramolecular Micelles and Vesicles by Water-Soluble Phosphate Pillar[5,6]arenes for Selective Anti-Cancer Drug Delivery. <i>Chemistry of Materials</i> , 2016, 28, 3778-3788.	3.2	119
80	The synthesis and highly sensitive detection of water content in THF using a novel solvatochromic AIE polymer containing diketopyrrolopyrrole and triphenylamine. <i>New Journal of Chemistry</i> , 2016, 40, 6706-6713.	1.4	24
81	Tetraphenylethene-functionalized diketopyrrolopyrrole solid state emissive molecules: enhanced emission in the solid state and as a fluorescent probe for cyanide detection. <i>RSC Advances</i> , 2016, 6, 55182-55193.	1.7	13
82	Nonpeptidic Amphiphilic Xanthone Derivatives: Structure-Activity Relationship and Membrane-Targeting Properties. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 171-193.	2.9	47
83	Synthesis of a Cationic BODIPY-Containing Conjugated Polymer for Detection of DNA and Cellular Imaging. <i>Journal of Fluorescence</i> , 2016, 26, 427-437.	1.3	11
84	A fluorescent turn-on probe for detection of HSO ₄ ⁻ ion based on hydrolysis of BODIPY-derived Schiff base with chromogenic and fluorogenic dual signals. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 1184-1192.	4.0	26
85	Trilateral π -conjugation extensions of phenothiazine-based dyes enhance the photovoltaic performance of the dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2016, 124, 63-71.	2.0	75
86	Pillararenes. <i>Chinese Journal of Chemistry</i> , 2015, 33, 303-303.	2.6	6
87	Synthesis and photovoltaic performance of asymmetric di-anchoring organic dyes. <i>Dyes and Pigments</i> , 2015, 122, 13-21.	2.0	22
88	Probes based on diketopyrrolopyrrole and anthracenone conjugates with aggregation-induced emission characteristics for pH and BSA sensing. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 155-166.	4.0	45
89	A colorimetric probe based on diketopyrrolopyrrole and tert-butyl cyanoacetate for cyanide detection. <i>New Journal of Chemistry</i> , 2015, 39, 7211-7218.	1.4	49
90	Crystal Structure and Host-Guest Binding Ability of Three Types of Pillar[5]arenes. <i>Chinese Journal of Chemistry</i> , 2015, 33, 346-350.	2.6	7

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91	Synthesis of Pillar[6]arenes and Their Host-Guest Complexes. <i>Synthesis</i> , 2015, 47, 1041-1056.	1.2	25
92	2,3-Dipentylidithieno[3,2-f:2',3'-h]quinoxaline-Based Organic Dyes for Efficient Dye-Sensitized Solar Cells: Effect of π -Bridges and Electron Donors on Solar Cell Performance. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20418-20429.	4.0	63
93	Effect of the linkage location in double branched organic dyes on the photovoltaic performance of DSSCs. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1333-1344.	5.2	72
94	A colorimetric and fluorescence α -turn-off chemosensor for the detection of silver ion based on a conjugated polymer containing 2,3-di(pyridin-2-yl)quinoxaline. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 281-290.	4.0	70
95	Dithienopyrrolobenzothiadiazole-based organic dyes for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15365-15376.	5.2	90
96	2-Pyridine-1H-benzo[d]imidazole based conjugated polymers: A selective fluorescent chemosensor for Ni ²⁺ or Ag ⁺ depending on the molecular linkage sites. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 495-503.	4.0	13
97	Synthesis of double π -A branched organic dyes employing indole and phenoxazine as donors for efficient DSSCs. <i>Tetrahedron</i> , 2014, 70, 6296-6302.	1.0	33
98	Pillar[n]arenes: A Novel, Highly Promising Class of Macrocyclic Host Molecules. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 244-262.	1.3	86
99	Impact of the position isomer of the linkage in the double π -A branch-based organic dyes on the photovoltaic performance. <i>Dyes and Pigments</i> , 2014, 104, 89-96.	2.0	25
100	Recent Advances of AIE-Active Conjugated Polymers: Synthesis and Application. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014, 51, 668-681.	1.2	19
101	Molecular design of the diketopyrrolopyrrole-based dyes with varied donor units for efficient dye-sensitized solar cells. <i>Journal of Power Sources</i> , 2014, 271, 455-464.	4.0	43
102	Host-guest properties of pillar[7]arene towards substituted adamantane ammonium cations. <i>RSC Advances</i> , 2014, 4, 4330-4333.	1.7	39
103	A highly selective and sensitive photoswitchable fluorescent probe for Hg ²⁺ based on bithienylethene-rhodamine 6G dyad and for live cells imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 567-574.	2.0	19
104	D-A- π -A organic sensitizers containing a benzothiazole moiety as an additional acceptor for use in solar cells. <i>Science China Chemistry</i> , 2013, 56, 505-513.	4.2	25
105	A monophosphoryl copillar[5]arene: synthesis and host-guest complexation with alkanols. <i>RSC Advances</i> , 2013, 3, 21405.	1.7	44
106	Novel dithieno[3,2-b:2',3'-d]pyrrole-based organic dyes with high molar extinction coefficient for dye-sensitized solar cells. <i>Organic Electronics</i> , 2013, 14, 2071-2081.	1.4	58
107	Recent Advances and the Application of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) as Tissue Engineering Materials. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013, 50, 885-893.	1.2	18
108	Synthesis and inclusion properties of pillar[n]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 77, 279-289.	0.9	16

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109	Optical switches with biplanemers obtained by intramolecular photocycloaddition reactions of tethered arenes. <i>Chemical Society Reviews</i> , 2013, 42, 143-155.	18.7	33
110	Influence of spatial arrangements of π -spacer and acceptor of phenothiazine based dyes on the performance of dye-sensitized solar cells. <i>Organic Electronics</i> , 2013, 14, 2662-2672.	1.4	33
111	Monoester Copillar[5]arenes: Synthesis, Unusual Self-Inclusion Behavior, and Molecular Recognition. <i>Chemistry - A European Journal</i> , 2013, 19, 7064-7070.	1.7	52
112	Synthesis and Spectra Characteristics of Novel 3-(para-Bromophenyl)-7-(substituted vinyl) Coumarins. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 551-556.	1.4	4
113	Complexation Selectivities of Pillar[5]arenes with Primary Ammonium Salts. <i>Chinese Journal of Chemistry</i> , 2013, 31, 624-626.	2.6	20
114	Synthesis and host-guest properties of pillar[6]arenes. <i>Science China Chemistry</i> , 2012, 55, 223-228.	4.2	69
115	Organic Dye Bearing Asymmetric Double Donor- π -Acceptor Chains for Dye-Sensitized Solar Cells. <i>Journal of Organic Chemistry</i> , 2011, 76, 8015-8021.	1.7	140
116	Enhanced Performance of the Dye-Sensitized Solar Cells with Phenothiazine-Based Dyes Containing Double D π A Branches. <i>Organic Letters</i> , 2011, 13, 1610-1613.	2.4	186
117	The roles of polyacrylate in poly(vinyl chloride)-lignin composites. <i>Polymer Composites</i> , 2011, 32, 1399-1407.	2.3	14
118	Synthesis of diketopyrrolopyrrole-containing conjugated polyelectrolytes for naked-eye detection of DNA. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3882-3889.	2.5	26
119	Fluorescence enhancement of cationic diacetylene-contained polyelectrolyte by anions and cations and application for sensitive and selective detection of Hg ²⁺ . <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 1690-1694.	2.4	5
120	Synthesis, characterization and <i>in vitro</i> biological activity of cobalt(II), copper(II) and zinc(II) Schiff base complexes derived from salicylaldehyde and D,L-selenomethionine. <i>Applied Organometallic Chemistry</i> , 2011, 25, 9-15.	1.7	52
121	Total synthesis of lespedezavirgatal. <i>Science China Chemistry</i> , 2010, 53, 2547-2550.	4.2	5
122	Synthesis and Conformational Properties of Nonsymmetric Pillar[5]arenes and Their Acetonitrile Inclusion Compounds. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6464-6470.	1.2	82
123	Syntheses, characterization and biological studies of zinc(II), copper(II) and cobalt(II) complexes with Schiff base ligand derived from 2-hydroxy-1-naphthaldehyde and selenomethionine. <i>Applied Organometallic Chemistry</i> , 2010, 24, 741-747.	1.7	43
124	Synthesis of cationic diacetylene-carbazole-fluorene polymers and their sensitive fluorescent quenching properties with DNA. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4168-4177.	2.5	21
125	Syntheses and Characterization of 4-Octyloxybenzyl Substituted Diketopyrrolopyrrole-based Red Emitting Copolymers with Low Turn-on Voltage. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010, 47, 1059-1068.	1.2	0
126	Synthesis and Characterization of Novel Biodegradable Polyamides Containing β -amino Acid. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 312-320.	1.2	15

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127	Synthesis and Characterization of New Unsaturated Degradable Poly(ether ester amide)s Containing Ethylene Oxide Moieties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 282-289.	1.2	2
128	A Facile and Efficient Preparation of Pillararenes and a Pillarquinone. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9721-9723.	7.2	600
129	Synthesis of Fréchet-type dendritic homotriptycenes. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1051-1056.	0.8	3
130	Synthesis and characterization of novel red-emitting copolymers containing fluorene, diketopyrrolopyrrole, and phenothiazine units. <i>Science in China Series B: Chemistry</i> , 2009, 52, 2038-2042.	0.8	12