

Derong Cao

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125
papers

3,721
citations

33
h-index

56
g-index

134
ext. papers

4,322
ext. citations

5.9
avg, IF

5.8
L-index

#	Paper	IF	Citations
125	A facile and efficient preparation of pillararenes and a pillarquinone. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9721-3	16.4	521
124	Enhanced performance of the dye-sensitized solar cells with phenothiazine-based dyes containing double D-A branches. <i>Organic Letters</i> , 2011 , 13, 1610-3	6.2	181
123	Phenothiazine-based dyes for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2404-2426	7.1	164
122	Organic dye bearing asymmetric double donor-acceptor chains for dye-sensitized solar cells. <i>Journal of Organic Chemistry</i> , 2011 , 76, 8015-21	4.2	127
121	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	9.6	98
120	Dithienopyrrolobenzothiadiazole-based organic dyes for efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 15365-15376	13	80
119	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	16.4	77
118	Pillar[n]arenes – Novel, Highly Promising Class of Macrocyclic Host Molecules. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 244-262	3	76
117	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	3.2	75
116	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	4.6	71
115	Double D π 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	7.1	70
114	Eine leichte und effiziente Herstellung von Pillararenen und einem Pillarchinon. <i>Angewandte Chemie</i> , 2009 , 121, 9901-9903	3.6	70
113	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	13	64
112	Synthesis and host-guest properties of pillar[6]arenes. <i>Science China Chemistry</i> , 2012 , 55, 223-228	7.9	58
111	A colorimetric and fluorescence 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	8.5	57
110	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	5.8	56
109	Symmetrically Substituted Xanthone Amphiphiles Combat Gram-Positive Bacterial Resistance with Enhanced Membrane Selectivity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 1362-1378	8.3	55

108	2,3-Dipentylidithieno[3,2-f:2',3'-h]quinoxaline-Based Organic Dyes for Efficient Dye-Sensitized Solar Cells: Effect of Bridges and Electron Donors on Solar Cell Performance. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 20418-29	9.5	54
107	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	3.5	52
106	Semisynthetic Flavone-Derived Antimicrobials with Therapeutic Potential against Methicillin-Resistant Staphylococcus aureus (MRSA). <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 6152-6165	8.3	48
105	Monoester copillar[5]arenes: synthesis, unusual self-inclusion behavior, and molecular recognition. <i>Chemistry - A European Journal</i> , 2013 , 19, 7064-70	4.8	47
104	A colorimetric probe based on diketopyrrolopyrrole and tert-butyl cyanoacetate for cyanide detection. <i>New Journal of Chemistry</i> , 2015 , 39, 7211-7218	3.6	46
103	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	7.8	42
102	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	8.5	41
101	A monophosphoryl copillar[5]arene: synthesis and host-guest complexation with alkanols. <i>RSC Advances</i> , 2013 , 3, 21405	3.7	39
100	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	8.9	37
99	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	8.5	37
98	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	4.8	36
97	Nonpeptidic Amphiphilic Xanthone Derivatives: Structure-Activity Relationship and Membrane-Targeting Properties. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 171-93	8.3	36
96	Host-guest properties of pillar[7]arene towards substituted adamantane ammonium cations. <i>RSC Advances</i> , 2014 , 4, 4330-4333	3.7	35
95	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	5.8	34
94	Synthesis, characterization and in vitro 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	3.1	34
93	Selective precipitation of alkyl dihalides using a newly synthesized water-soluble bisphosphorylpillar[5]arene. <i>Chemical Communications</i> , 2016 , 52, 8075-8	5.8	34
92	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	3.1	32
91	Influence of spatial arrangements of spacer and acceptor of phenothiazine based dyes on the performance of dye-sensitized solar cells. <i>Organic Electronics</i> , 2013 , 14, 2662-2672	3.5	31

90	Synthesis and properties of photochromic spirooxazine with aggregation-induced emission fluorophores polymeric nanoparticles. <i>Dyes and Pigments</i> , 2017 , 142, 481-490	4.6	29
89	Optical switches with biplanemers obtained by intramolecular photocycloaddition reactions of tethered arenes. <i>Chemical Society Reviews</i> , 2013 , 42, 143-55	58.5	29
88	Fluorescent nanoaggregates of quinoxaline derivatives for highly efficient and selective sensing of trace picric acid. <i>Dyes and Pigments</i> , 2018 , 155, 107-113	4.6	28
87	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
86	Synthesis of double D π A branched organic dyes employing indole and phenoxazine as donors for efficient DSSCs. <i>Tetrahedron</i> , 2014 , 70, 6296-6302	2.4	25
85	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	7.1	24
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	8.5	24
83	Impact of the position isomer of the linkage in the double D π A branch-based organic dyes on the photovoltaic performance. <i>Dyes and Pigments</i> , 2014 , 104, 89-96	4.6	24
82	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	7.9	24
81	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	6.7	23
80	A facile synthesis of novel near-infrared pyrrolopyrrole aza-BODIPY luminogens with aggregation-enhanced emission characteristics. <i>Chemical Communications</i> , 2017 , 53, 8352-8355	5.8	23
79	Synthesis of Pillar[6]arenes and Their Host-Guest Complexes. <i>Synthesis</i> , 2015 , 47, 1041-1056	2.9	22
78	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	8.3	22
77	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	8.5	22
76	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	6.8	22
75	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	5.8	21
74	Effect of structural engineering of π spacers on anti-aggregation of D π A dyes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 10379-10388	7.1	21
73	Synthesis of cationic diacetylene-co-carbazole-co-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

72	Photo-induced morphology transition of a multifunctional photochromic bisthienylethene molecule with switchable aggregation-induced emission. <i>Science China Chemistry</i> , 2018 , 61, 1301-1306	7.9	21
71	Pillararene-based fluorescent sensors for the tracking of organic compounds. <i>Chinese Chemical Letters</i> , 2019 , 30, 1758-1766	8.1	20
70	An interface-targeting and HO-activatable probe liberating AIEgen: enabling on-site imaging and dynamic movement tracking of lipid droplets. <i>Chemical Communications</i> , 2019 , 55, 4491-4494	5.8	20
69	Fluorescent-Cavity Host: An Efficient Probe to Study Supramolecular Recognition Mechanisms. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 1047-1052	6.4	20
68	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	4.6	20
67	Complexation Selectivities of Pillar[5]arenes with Primary Ammonium Salts. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 624-626	4.9	20
66	A cyanide-selective colorimetric naked-eye 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	3.7	20
65	Synthesis and photovoltaic performance of asymmetric di-anchoring organic dyes. <i>Dyes and Pigments</i> , 2015 , 122, 13-21	4.6	19
64	A highly selective and sensitive photoswitchable fluorescent probe for Hg ²⁺ based on bisthienylethene-rhodamine 6G dyad and for live cells imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 128, 567-74	4.4	19
63	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	3.6	18
62	Metal-free organic dyes with di(1-benzothieno)[3,2-b:2',3'-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	4.6	18
61	Pyrrolopyrrole aza-BODIPY dyes for ultrasensitive and highly selective biogenic diamine detection. <i>Sensors and Actuators B: Chemical</i> , 2020 , 312, 127953	8.5	16
60	Dye-sensitized solar cells based on (DA)3L2 phenothiazine dyes containing auxiliary donors and flexible linkers with different length of carbon chain. <i>Electrochimica Acta</i> , 2018 , 283, 1732-1741	6.7	16
59	DA featured dyes containing different electron-withdrawing auxiliary acceptors: The impact on photovoltaic performances. <i>Dyes and Pigments</i> , 2016 , 131, 134-144	4.6	16
58	Impact of E-conjugation configurations on the photovoltaic performance of the quinoxaline-based organic dyes. <i>Dyes and Pigments</i> , 2017 , 145, 126-135	4.6	15
57	Recent Advances of AIE-Active Conjugated Polymers: Synthesis and Application. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014 , 51, 668-681	2.2	15
56	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	5.8	14
55	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	2.2	14

54	Synthesis and inclusion properties of pillar[n]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013 , 77, 279-289	1.7	14
53	The roles of polyacrylate in poly(vinyl chloride)-lignin composites. <i>Polymer Composites</i> , 2011 , 32, 1399-1407	3.0	14
52	A nitroolefin functionalized DPP fluorescent probe for the selective detection of hydrogen sulfide. <i>New Journal of Chemistry</i> , 2017 , 41, 3367-3373	3.6	13
51	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	7.1	13
50	Metal-free organic dyes with di(1-benzothieno)[3,2-b:2',3'-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	4.6	13
49	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	7.3	12
48	Diketopyrrolopyrrole: An emerging phototherapy agent in fighting cancer. <i>Dyes and Pigments</i> , 2020 , 181, 108599	4.6	12
47	Wavelength tunable tetraphenylethene fluorophore dyads: Synthesis, aggregation-induced emission and Cl ₂ gas detection. <i>Dyes and Pigments</i> , 2018 , 149, 543-552	4.6	12
46	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	3.7	12
45	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	8.5	11
44	Synthesis and Characterization of Novel Biodegradable Polyamides Containing α -Amino Acid. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009 , 46, 312-320	2.2	11
43	Pillarquinones and Pillararenequinones. <i>Israel Journal of Chemistry</i> , 2018 , 58, 1188-1193	3.4	10
42	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		10
41	A Colorimetric and Fluorescent Probe Based on Michael Acceptor Type Diketopyrrolopyrrole for Cyanide Detection. <i>Journal of Fluorescence</i> , 2017 , 27, 1587-1594	2.4	9
40	Design and synthesis of an AIEgen with multiple functions: Solvatochromism, chromism, lipid droplet imaging. <i>Dyes and Pigments</i> , 2020 , 181, 108537	4.6	9
39	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	6.4	9
38	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	4.5	9
37	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	4.3	9

36	Recent advances on reaction-based amine fluorescent probes. <i>Dyes and Pigments</i> , 2021 , 194, 109634	4.6	9
35	Synthesis of a BODIPY-(2'-hydroxyphenyl)benzothiazole conjugate with solid state emission and its application as a fluorescent pH probe. <i>Analytical Methods</i> , 2018 , 10, 1633-1639	3.2	8
34	Synthesis of a Cationic BODIPY-Containing Conjugated Polymer for Detection of DNA and Cellular Imaging. <i>Journal of Fluorescence</i> , 2016 , 26, 427-37	2.4	8
33	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	3.6	8
32	Crystal Structure and Host-Guest Binding Ability of Three Types of Pillar[5]arenes. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 346-350	4.9	7
31	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	3.7	7
30	Interfacial Engineering of PTAA/Perovskites for Improved Crystallinity and Hole Extraction in Inverted Perovskite Solar Cells.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	7
29	Encapsulation of Dyes in Luminescent Metal-Organic Frameworks for White Light Emitting Diodes. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
28	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	6.6	6
27	Conjugating pillararene dye in dye-sensitized solar cells. <i>Cell Reports Physical Science</i> , 2021 , 2, 100326	6.1	6
26	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	6.8	6
25	Stimuli-Responsive Copolymer and Uniform Polymeric Nanoparticles with Photochromism and Switchable Emission. <i>ChemPhotoChem</i> , 2019 , 3, 568-574	3.3	5
24	Preparation and transparent heat insulating properties of aqueous acrylic-alkyl coatings with CuS nanoplates. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 14596-14604	2.1	5
23	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	2.6	5
22	Total synthesis of lespedezavirgato. <i>Science China Chemistry</i> , 2010 , 53, 2547-2550	7.9	5
21	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	4.6	5
20	Selenium-containing DAD-type dopant-free hole transport materials for perovskite solar cells. <i>Dyes and Pigments</i> , 2021 , 191, 109339	4.6	5
19	Modulating the molecular configuration by varying linking bridge for double-anchored dye-sensitized solar cells. <i>Journal of Chemical Physics</i> , 2020 , 152, 244708	3.9	4

18	Synthesis and Spectra Characteristics of Novel 3-(para-Bromophenyl)-7-(substituted vinyl) Coumarins. <i>Journal of Heterocyclic Chemistry</i> , 2013 , 50, 551-556	1.9	3
17	Synthesis of Fröhét-type dendritic homotriptycenes. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1051-1056		3
16	Development of a novel chromophore reaction-based fluorescent probe for biogenic amines detection. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 9383-9394	7.3	3
15	Impact of Espacers of dithieno[3,2-f:2',3'-h]quinoxaline-based organic dyes with three Espacers on the solar cell performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 647-657	2.1	3
14	Characterization of nanoparticles combining polyamine detection with photodynamic therapy. <i>Communications Biology</i> , 2021 , 4, 803	6.7	3
13	Effect of substituents of phenyl of linkage in carbazole sensitizers on the photovoltaic performance of the dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2021 , 194, 109582	4.6	3
12	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	2.2	2
11	Bio-inspired AIE pillar[5]arene probe with multiple binding sites to discriminate alkanediamines. <i>Chemical Communications</i> , 2021 , 57, 13114-13117	5.8	2
10	Recent advances of NIR dyes of pyrrolopyrrole cyanine and pyrrolopyrrole aza-BODIPY: Synthesis and application. <i>Dyes and Pigments</i> , 2022 , 198, 110040	4.6	2
9	A cucurbituril-pillararene ring-on-ring complex. <i>Chemical Communications</i> , 2021 , 57, 6562-6565	5.8	2
8	Recent advance of lipid droplets fluorescence imaging with aggregation-induced emission luminogens (AIEgens). <i>Dyes and Pigments</i> , 2022 , 203, 110332	4.6	2
7	Expanding Ebridge 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	6.8	2
6	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,	4.5	1
5	Hexnut[12]arene and its derivatives: Synthesis, host-guest properties, and application as nonporous adaptive crystals. <i>Science China Chemistry</i> , 2022 , 65, 539	7.9	0
4	Molecular engineering of the fused azacycle donors in the D-A-EA metal-free organic dyes for efficient dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2021 , 109922	4.6	0
3	Novel butterfly-shaped AIE-active pyrrolopyrrole aza-BODIPYs: synthesis, bioimaging and diamine/polyamine detection. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 5672-5683	7.1	0
2	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	2.2	
1	GroÙ Leuchten mit Pillararenen. <i>Nachrichten Aus Der Chemie</i> , 2019 , 67, 73-75	0.1	

