

Chuan-Feng Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pagoda[5]arene with Large and Rigid Cavity for the Formation of 1 st Host-Guest Complexes and Acid/Base-Responsive Crystalline Vapochromic Properties. <i>CCS Chemistry</i> , 2022, 4, 318-330.	4.6	53
2	Recent Progress in Circularly Polarized Luminescence of [2.2]Paracyclophane Derivatives. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	29
3	Helic[6]arene-Based Chiral Pseudo[1]rotaxanes and [1]Rotaxanes. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	10
4	TADF-Sensitized Fluorescent Enantiomers: A New Strategy for High-Efficiency Circularly Polarized Electroluminescence**. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	6
5	Triple-stranded triptycene-based metallo-supramolecular helicate displaying efficient encapsulation of bulky guest molecules. <i>Chemical Communications</i> , 2022, 58, 1326-1329.	2.2	1
6	Chiral Thermally Activated Delayed Fluorescence-Active Macrocycles Displaying Efficient Circularly Polarized Electroluminescence. <i>CCS Chemistry</i> , 2022, 4, 3540-3548.	4.6	49
7	Aromatic-imide-based TADF enantiomers for efficient circularly polarized electroluminescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4805-4812.	2.7	16
8	Frontispiece: TADF-Sensitized Fluorescent Enantiomers: A New Strategy for High-Efficiency Circularly Polarized Electroluminescence. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	0
9	A Calix[3]acridan-Based Host-Guest Cocrystal Exhibiting Efficient Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	44
10	A Calix[3]acridan-Based Host-Guest Cocrystal Exhibiting Efficient Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	13
11	Adsorptive separation of picoline isomers by adaptive calix[3]acridan crystals. <i>Chemical Communications</i> , 2022, 58, 4356-4359.	2.2	10
12	Chiral Bishelic[6]arene-Based Supramolecular Gels with Circularly Polarized Luminescence Property. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3473-3481.	2.0	10
13	Enantiomeric Water-Soluble Octopus[3]arenes for Highly Enantioselective Recognition of Chiral Ammonium Salts in Water. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
14	Enantiomeric Water-Soluble Octopus[3]arenes for Highly Enantioselective Recognition of Chiral Ammonium Salts in Water. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	32
15	Advances in circularly polarized luminescent materials based on axially chiral compounds. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2022, 50, 100500.	5.6	22
16	Chiral Conjugated Thermally Activated Delayed Fluorescent Polymers for Highly Efficient Circularly Polarized Polymer Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1578-1586.	4.0	26
17	Chiral Nanocluster Complexes Formed by Host-Guest Interaction between Enantiomeric 2,6-Helic[6]arenes and Silver Cluster Ag ₂₀ : Emission Enhancement and Chirality Transfer. <i>Molecules</i> , 2022, 27, 3932.	1.7	2
18	Aromatic-imide-based TADF material as emitter for efficient yellow and white organic light-emitting diodes. <i>Organic Electronics</i> , 2021, 88, 106017.	1.4	12

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19	Quinoline-based TADF emitters exhibiting aggregation-induced emission for efficient non-doped organic light-emitting diodes. <i>Materials Chemistry Frontiers</i> , 2021, 5, 834-842.	3.2	22
20	Thermally activated delayed fluorescence material-sensitized helicene enantiomer-based OLEDs: a new strategy for improving the efficiency of circularly polarized electroluminescence. <i>Science China Materials</i> , 2021, 64, 899-908.	3.5	36
21	Quinoline-based aggregation-induced delayed fluorescence materials for highly efficient non-doped organic light-emitting diodes. <i>Chinese Chemical Letters</i> , 2021, 32, 740-744.	4.8	34
22	Triptycene-derived heterocalixarene: A new type of macrocycle-based stationary phases for gas chromatography. <i>Chinese Chemical Letters</i> , 2021, 32, 2043-2046.	4.8	16
23	Towards the Highly Efficient Synthesis and Selective Methylation of C(sp ³)-Bridged [6]Cycloparaphenylenes from Fluoren[3]arenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13021-13028.	7.2	34
24	Towards the Highly Efficient Synthesis and Selective Methylation of C(sp ³)-Bridged [6]Cycloparaphenylenes from Fluoren[3]arenes. <i>Angewandte Chemie</i> , 2021, 133, 13131-13138.	1.6	11
25	A Green Fluorescent Nitrogen-Doped Aromatic Belt Containing a [6]Cycloparaphenylene Skeleton. <i>Angewandte Chemie</i> , 2021, 133, 15419-15423.	1.6	4
26	A Green Fluorescent Nitrogen-Doped Aromatic Belt Containing a [6]Cycloparaphenylene Skeleton. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15291-15295.	7.2	30
27	Propeller Configuration Flipping of the Trivalent Boron-Inducing Substituent Dependence of the Circularly Polarized Luminescence Sign in Triarylborane-Based [7]Helicenes. <i>Organic Letters</i> , 2021, 23, 4759-4763.	2.4	14
28	High-Efficiency Circularly Polarized Electroluminescence from TADF-Sensitized Fluorescent Enantiomers. <i>Angewandte Chemie</i> , 2021, 133, 20896-20901.	1.6	9
29	Saucer[n]arenes: Synthesis, Structure, Complexation, and Guest-Induced Circularly Polarized Luminescence Property. <i>Angewandte Chemie</i> , 2021, 133, 22098-22104.	1.6	22
30	High-Efficiency Circularly Polarized Electroluminescence from TADF-Sensitized Fluorescent Enantiomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20728-20733.	7.2	49
31	Saucer[n]arenes: Synthesis, Structure, Complexation, and Guest-Induced Circularly Polarized Luminescence Property. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21927-21933.	7.2	66
32	Chiral TADF-Active Polymers for High-Efficiency Circularly Polarized Organic Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2021, 133, 23811-23816.	1.6	22
33	High-Performance Solution-Processed Nondoped Circularly Polarized OLEDs with Chiral Triptycene Scaffold-Based TADF Emitters Realizing Over 20% External Quantum Efficiency. <i>Advanced Functional Materials</i> , 2021, 31, 2106418.	7.8	52
34	Chiral TADF-Active Polymers for High-Efficiency Circularly Polarized Organic Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23619-23624.	7.2	75
35	Triptycene-derived TADF enantiomers displaying circularly polarized luminescence and high-efficiency electroluminescence. <i>Organic Electronics</i> , 2021, 99, 106355.	1.4	4
36	Synthesis of Chiral Helic[1]triptycene[3]arenes and Their Enantioselective Recognition towards Chiral Guests Containing Aminoindan Groups. <i>Molecules</i> , 2021, 26, 536.	1.7	8

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37	3,6-Fluoren[5]arenes: synthesis, structure and complexation with fullerenes C ₆₀ and C ₇₀ . <i>Chemical Communications</i> , 2021, 57, 3987-3990.	2.2	15
38	Dâ€“A type planar chiral TADF materials for efficient circularly polarized electroluminescence. <i>Materials Horizons</i> , 2021, 8, 3417-3423.	6.4	30
39	Supramolecular tessellations by the exo-wall interactions of pagoda[4]arene. <i>Nature Communications</i> , 2021, 12, 6378.	5.8	32
40	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021, 64, 2060-2104.	4.2	248
41	Recent advances on triptycene derivatives in supramolecular and materials chemistry. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10047-10067.	1.5	19
42	Sign inversions of circularly polarized luminescence for helical compounds by chemically fine-tuning operations. <i>Chemical Communications</i> , 2020, 56, 1863-1866.	2.2	25
43	Axially Chiral TADFâ€“Active Enantiomers Designed for Efficient Blue Circularly Polarized Electroluminescence. <i>Angewandte Chemie</i> , 2020, 132, 3528-3532.	1.6	48
44	Axially Chiral TADFâ€“Active Enantiomers Designed for Efficient Blue Circularly Polarized Electroluminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3500-3504.	7.2	181
45	pH-Controlled motions in mechanically interlocked molecules. <i>Materials Chemistry Frontiers</i> , 2020, 4, 12-28.	3.2	51
46	Recent progress of narrowband TADF emitters and their applications in OLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11340-11353.	2.7	191
47	Helic[1]triptycene[3]arene: Synthesis, Complexation, and Formation of [2]Rotaxane Shuttle. <i>Journal of Organic Chemistry</i> , 2020, 85, 11465-11474.	1.7	18
48	An ultralong room-temperature phosphorescent material based on the combination of small singletâ€“triplet splitting energy and H-aggregation. <i>Chemical Communications</i> , 2020, 56, 4296-4299.	2.2	22
49	Naphthyridine-based thermally activated delayed fluorescence emitters for highly efficient blue OLEDs. <i>Dyes and Pigments</i> , 2020, 178, 108324.	2.0	17
50	An axially chiral thermally activated delayed fluorescent emitter with a dual emitting core for a highly efficient organic light-emitting diode. <i>Chemical Communications</i> , 2020, 56, 9380-9383.	2.2	44
51	Recent advances in higher order rotaxane architectures. <i>Chemical Communications</i> , 2020, 56, 9916-9936.	2.2	53
52	Recent advances in circularly polarized electroluminescence based on organic light-emitting diodes. <i>Chemical Society Reviews</i> , 2020, 49, 1331-1343.	18.7	567
53	Pagoda[4]arene and <i>i</i> -Pagoda[4]arene. <i>Journal of the American Chemical Society</i> , 2020, 142, 8262-8269.	6.6	129
54	Synthesis and Properties of New Organic Luminescent Materials Based on Halogen-Substituted Phthalimides. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 516.	0.6	7

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55	Recent Advances in Novel Macrocyclic Arenes. Chinese Journal of Organic Chemistry, 2020, 40, 3714.	0.6	31
56	Triptycene-Derived Macrocyclic Arenes. , 2020, , 139-180.		0
57	Complexation of 2,6-helic[6]arene and its derivatives with 1,1-dimethyl-4,4'-bipyridinium salts and protonated 4,4'-bipyridinium salts: an acid-base controllable complexation. Beilstein Journal of Organic Chemistry, 2019, 15, 1795-1804.	1.3	5
58	Novel oxacalix[2]arene[2]triazines with thermally activated delayed fluorescence and aggregation-induced emission properties. Chemical Communications, 2019, 55, 9559-9562.	2.2	16
59	Importance of Conformational Change in Excited States for Efficient Thermally Activated Delayed Fluorescence. Journal of Physical Chemistry C, 2019, 123, 19322-19332.	1.5	26
60	Phthalimide-based "N" emitters with thermally activated delayed fluorescence and isomer-dependent room-temperature phosphorescence properties. Chemical Communications, 2019, 55, 12172-12175.	2.2	21
61	Construction of Chiral Nanoassemblies Based on Host-Guest Complexes and Their Responsive CD and CPL Properties: Chirality Transfer From 2,6-helic[6]arenes to a Stilbazolium Derivative. Frontiers in Chemistry, 2019, 7, 543.	1.8	25
62	Step-by-step reaction-powered mechanical motion triggered by a chemical fuel pulse. Chemical Science, 2019, 10, 2529-2533.	3.7	39
63	Rationally designed organelle-specific thermally activated delayed fluorescence small molecule organic probes for time-resolved biological applications. Chemical Communications, 2019, 55, 5639-5642.	2.2	57
64	Directional Transportation of a Helic[6]arene along a Nonsymmetric Molecular Axle. Journal of Organic Chemistry, 2019, 84, 5872-5876.	1.7	15
65	Naphthyridine-based thermally activated delayed fluorescence emitters for multi-color organic light-emitting diodes with low efficiency roll-off. Journal of Materials Chemistry C, 2019, 7, 4673-4680.	2.7	25
66	Metal-free construction of contiguous quaternary stereocentres with a polycyclic framework. Chemical Communications, 2019, 55, 4631-4634.	2.2	3
67	Helicene-Based Illusory Chiral Supramolecular Expression of the Penrose Stairs: Chiroptical Property and Narcissistic Self-Sorting. European Journal of Inorganic Chemistry, 2019, 2019, 1847-1853.	1.0	1
68	1,8-Naphthalimide-based circularly polarized TADF enantiomers as the emitters for efficient orange-red OLEDs. Organic Electronics, 2019, 70, 71-77.	1.4	57
69	Advances in helicene derivatives with circularly polarized luminescence. Chemical Communications, 2019, 55, 13793-13803.	2.2	263
70	A Triply Operable Molecular Switch: Anion-, Acid/Base- and Solvent-Responsive [2]Rotaxane. European Journal of Organic Chemistry, 2019, 2019, 3406-3411.	1.2	8
71	Triptycene-Derived Macrocyclic Arenes. , 2019, , 1-43.		0
72	Chiral Nanoparticles with Full-Color and White CPL Properties Based on Optically Stable Helical Aromatic Imide Enantiomers. ACS Applied Materials & Interfaces, 2018, 10, 8225-8230.	4.0	69

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73	Stable Enantiomers Displaying Thermally Activated Delayed Fluorescence: Efficient OLEDs with Circularly Polarized Electroluminescence. <i>Angewandte Chemie</i> , 2018, 130, 2939-2943.	1.6	57
74	Stable Enantiomers Displaying Thermally Activated Delayed Fluorescence: Efficient OLEDs with Circularly Polarized Electroluminescence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2889-2893.	7.2	350
75	Synthesis, chiroptical properties, and self-assembled nanoparticles of chiral conjugated polymers based on optically stable helical aromatic esters. <i>RSC Advances</i> , 2018, 8, 1014-1021.	1.7	21
76	Efficient control of movement in non-photoresponsive molecular machines by a photo-induced proton-transfer strategy. <i>Chemical Communications</i> , 2018, 54, 3536-3539.	2.2	29
77	Recent progress on multidimensional construction of helicenes. <i>Chinese Chemical Letters</i> , 2018, 29, 40-46.	4.8	66
78	One-Pot Oxidative Aromatization and Dearomatization of Tetrahydro[5]helicene Diols: Synthesis, Structure, Photophysical and Chiroptical Properties of Chiral β -Extended Diones. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2518-2526.	1.3	4
79	Enantiopure (P)- and (M)-3,14-bis(o-hydroxyaryl)tetrahydrobenzo[5]helicenediols and their helicene analogues: Synthesis, amplified circularly polarized luminescence and catalytic activity in asymmetric hetero-Diels-Alder reactions. <i>Tetrahedron</i> , 2018, 74, 7164-7172.	1.0	9
80	A Route to Enantiopure (<i>O</i> -Methyl) ₆ -2,6-Helic[6]arenes: Synthesis of Hexabromo-Substituted 2,6-Helic[6]arene Derivatives and Their Suzuki-Miyaura Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2018, 83, 11532-11540.	1.7	19
81	Triptycene-Derived Macrocyclic Arenes: From Calixarenes to Helicarenes. <i>Accounts of Chemical Research</i> , 2018, 51, 2093-2106.	7.6	162
82	Tetrahydrobenzo[5]helicenediol derivatives as additives for efficient proline-catalyzed asymmetric List-Lerner-Barbas aldol reactions of bulky aldehyde substrates. <i>Chinese Chemical Letters</i> , 2018, 29, 1223-1225.	4.8	6
83	Applications of Helicenes and Their Derivatives in Asymmetric Catalysis. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 541.	0.6	20
84	Formation of charge-transfer complexes based on a tropylium cation and 2,6-helic[6]arenes: a visible redox stimulus-responsive process. <i>Chemical Communications</i> , 2017, 53, 2582-2585.	2.2	30
85	A New Thioimide-Based Fluorescent Turn-On™ and Chromogenic Chemodosimeter in Acetonitrile and Its Nanoparticles in Water for Highly Selective and Sensitive Detection of Hg ²⁺ . <i>Chinese Journal of Chemistry</i> , 2017, 35, 435-441.	2.6	6
86	Intense blue circularly polarized luminescence from helical aromatic esters. <i>Chemical Communications</i> , 2017, 53, 6093-6096.	2.2	43
87	Aromatic Imide-Based Thermally Activated Delayed Fluorescence Materials for Highly Efficient Organic Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8818-8822.	7.2	118
88	Switchable Complexation between (<i>O</i> -Methyl) ₆ -2,6-helic[6]arene and Protonated Pyridinium Salts Controlled by Acid/Base and Photoacid. <i>Organic Letters</i> , 2017, 19, 3175-3178.	2.4	43
89	Aromatic Imide-Based Thermally Activated Delayed Fluorescence Materials for Highly Efficient Organic Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2017, 129, 8944-8948.	1.6	20
90	Complexation of Racemic 2,6-Helic[6]arene and Its Hexamethyl-Substituted Derivative with Quaternary Ammonium Salts, N-Heterocyclic Salts, and Tetracyanoquinodimethane. <i>Chemistry - A European Journal</i> , 2017, 23, 3735-3742.	1.7	25

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91	Synthesis of a water-soluble 2,6-helic[6]arene derivative and its strong binding abilities towards quaternary phosphonium salts: an acid/base controlled switchable complexation process. <i>Chemical Communications</i> , 2017, 53, 10433-10436.	2.2	22
92	Complexation Between (<i>i</i> -O- <i>i</i> -Methyl) ₆ -2,6-Helic[6]arene and Tertiary Ammonium Salts: Acid/Base- or Chloride-Responsive Host-Guest Systems and Synthesis of [2]Rotaxane. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2576-2582.	1.7	17
93	A bis-corannulene based molecular tweezer with highly sensitive and selective complexation of C ₇₀ over C ₆₀ . <i>Chemical Communications</i> , 2017, 53, 9336-9339.	2.2	51
94	Synthesis, Structures, and Photophysical Properties of Optically Stable 1,16-Diphenyl-3,14-diaryl-Substituted Tetrahydrobenzo[5]helicenediol Derivatives: Enantioselective Recognition toward Tryptophan Methyl Esters. <i>Journal of Organic Chemistry</i> , 2017, 82, 7402-7409.	1.7	26
95	A New Fluorescent Chemodosimeter for Hg ²⁺ with High Selectivity and Sensitivity in Water. <i>Chinese Journal of Chemistry</i> , 2017, 35, 635-639.	2.6	5
96	Synthesis, Structures, Resolution, and Chiroptical Properties of 1,16-Diaryl-Substituted Benzo[5]helicene Derivatives. <i>Chemistry - an Asian Journal</i> , 2017, 12, 86-94.	1.7	18
97	Recent Progress on Circularly Polarized Luminescence of Chiral Organic Small Molecules. <i>Acta Chimica Sinica</i> , 2017, 75, 1150.	0.5	78
98	Triptycene-Based Chiral Macrocyclic Hosts for Highly Enantioselective Recognition of Chiral Guests Containing a Trimethylamino Group. <i>Angewandte Chemie</i> , 2016, 128, 5390-5394.	1.6	50
99	Directional Molecular Transportation Based on a Catalytic Stopper-Leaving Rotaxane System. <i>Journal of the American Chemical Society</i> , 2016, 138, 5652-5658.	6.6	53
100	Complexation between a triptycene-derived oxacalixarene and π -extended viologens: linker-length-dependent orientation of the macrocycles in pseudo[3]rotaxanes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10481-10488.	1.5	7
101	Ultrafast Investigation of Intramolecular Charge Transfer and Solvation Dynamics of Tetrahydro[5]-helicene-Based Imide Derivatives. <i>Scientific Reports</i> , 2016, 6, 24313.	1.6	75
102	Self-Assembly of a [2]Pseudorotaxane by an Inchworm-Motion Mechanism. <i>Chemistry - A European Journal</i> , 2016, 22, 15075-15084.	1.7	9
103	Helical aromatic imide based enantiomers with full-color circularly polarized luminescence. <i>Chemical Communications</i> , 2016, 52, 9921-9924.	2.2	83
104	Synthesis and Structures of Triptycene-Derived Oxacalixarenes with Expanded Cavities: Tunable and Switchable Complexation towards Bipyridinium Salts. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2756-2762.	1.7	6
105	Triptycene-based stationary phase with three-dimensional aromatic structure for highly selective separation of H-bonding analytes and aromatic isomers. <i>Journal of Chromatography A</i> , 2016, 1445, 135-139.	1.8	12
106	Triptycene-Based Chiral Macrocyclic Hosts for Highly Enantioselective Recognition of Chiral Guests Containing a Trimethylamino Group. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5304-5308.	7.2	191
107	Guest-dependent directional complexation based on triptycene derived oxacalixarene: formation of oriented rotaxanes. <i>Chemical Science</i> , 2016, 7, 469-474.	3.7	42
108	Acid/base controllable complexation of a triptycene-derived macrotricyclic host and protonated 4,4'-bipyridinium/pyridinium salts. <i>Chemical Communications</i> , 2016, 52, 590-593.	2.2	8

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109	Complexation of Novel Water-Soluble Cylindrical Macrotricyclic Host and Paraquat. Chinese Journal of Organic Chemistry, 2016, 36, 1937.	0.6	1
110	High-generation organometallic rotaxane dendrimer. Science China Chemistry, 2015, 58, 1089-1089.	4.2	11
111	Self-sorting behavior of a four-component host-guest system and its incorporation into a linear supramolecular alternating copolymer. Chemical Communications, 2015, 51, 3593-3595.	2.2	25
112	Linker Length-Dependent Complexation of a Triptycene-Derived Macrotricyclic Polyether with β -Extended Viologens. European Journal of Organic Chemistry, 2015, 2015, 1257-1263.	1.2	2
113	Stepwise Motion in a Multivalent [2](3)Catenane. Journal of the American Chemical Society, 2015, 137, 9739-9745.	6.6	100
114	A molecular pulley based on a triply interlocked [2]rotaxane. Chemical Communications, 2015, 51, 8241-8244.	2.2	43
115	Synthesis and structures of triptycene-derived Tröger's base molecular clips. Chinese Chemical Letters, 2015, 26, 839-842.	4.8	6
116	Tetrahydro[5]helicene-based dye with remarkable and reversible acid/base stimulated fluorescence switching properties in solution and solid state. Dyes and Pigments, 2015, 120, 184-189.	2.0	27
117	Recent Progress in BINOL Mediated Asymmetric Reactions. Mini-Reviews in Organic Chemistry, 2015, 12, 310-327.	0.6	5
118	Complexation of Triptycene-Derived Macrotricyclic Host with β -Extended Viologens. Acta Chimica Sinica, 2015, 73, 1147.	0.5	1
119	Dioxygen-Triggered Transannular Dearomatization of Benzo[5]helicene Diols: Highly Efficient Synthesis of Chiral β -Extended Diones. Angewandte Chemie - International Edition, 2014, 53, 4648-4651.	7.2	30
120	Tetrahydro[5]helicene-Based Nanoparticles for Structure-Dependent Cell Fluorescent Imaging. Advanced Functional Materials, 2014, 24, 4405-4412.	7.8	49
121	Complexation of Triptycene-Derived Macrotricyclic Host Containing Pyridine Groups with Paraquat Derivatives: A Switchable Process Controlled by Zn^{2+} Ions. Chinese Journal of Chemistry, 2014, 32, 721-726.	2.6	2
122	Tristable [n]rotaxanes: from molecular shuttle to molecular cable car. Chemical Science, 2014, 5, 1520.	3.7	92
123	Tetrahydro[5]helicene-based imide dyes with intense fluorescence in both solution and solid state. Chemical Communications, 2014, 50, 2993-2995.	2.2	105
124	Triptycene-derived calixarenes, heterocalixarenes and analogues. Journal of Inclusion Phenomena and Macroscopic Chemistry, 2014, 79, 261-281.	0.9	36
125	Tetrahydro[5]helicene-based full-color emission dyes in both solution and solid states: synthesis, structures, photophysical properties and optical waveguide applications. Journal of Materials Chemistry C, 2014, 2, 8373-8380.	2.7	60
126	Triptycene-derived calix[6]arene analogues: synthesis, structure and complexation with paraquat derivatives. Organic Chemistry Frontiers, 2014, 1, 140.	2.3	14

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127	Synthesis and Reactions of Triptycene-Derived Bromocalix[5]arenes: Conformational Transformation from Cone to 1,2-Alternate. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1976-1983.	1.2	6
128	lptycene-Derived Crown Ether Hosts for Molecular Recognition and Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2026-2040.	7.6	209
129	A Novel Pentiptycene Bis(crown ether)-Based 2Rotaxane Whose Two DB24C8 Rings Act as Flapping Wings of a Butterfly. <i>Organic Letters</i> , 2014, 16, 1860-1863.	2.4	43
130	Dihydroindeno[2,1-c<i>h</i>]fluorene-Based Imide Dyes: Synthesis, Structures, Photophysical and Electrochemical Properties. <i>Journal of Organic Chemistry</i> , 2014, 79, 2139-2147.	1.7	28
131	Tetrahydro[5]helicene thioimide-based fluorescent and chromogenic chemodosimeter for highly selective and sensitive detection of Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 583-587.	4.0	31
132	lptycenes Chemistry. , 2013, , .		66
133	Supramolecular polymer gel with multi stimuli responsive, self-healing and erasable properties generated by host-guest interactions. <i>Polymer</i> , 2013, 54, 6929-6935.	1.8	65
134	Complexation of Triptycene-Derived Macrotricyclic Polyether with Paraquat Derivatives, Diquat, and a 2,7-Diazapyrenium Salt: Guest-Induced Conformational Changes of the Host. <i>Journal of Organic Chemistry</i> , 2013, 78, 3235-3242.	1.7	26
135	Cross-linked supramolecular polymer networks with responsive and elastic gel properties via host-guest complexation: controlled release of squaraine dyes. <i>Soft Matter</i> , 2013, 9, 4875.	1.2	43
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