

Chuan-Feng Chen

List of Publications by Year in descending order

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174
papers

9,657
citations

43973

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177
all docs

177
docs citations

177
times ranked

5779
citing authors

#	ARTICLE	IF	CITATIONS
1	Helicenes: Synthesis and Applications. <i>Chemical Reviews</i> , 2012, 112, 1463-1535.	23.0	1,178
2	Recent advances in circularly polarized electroluminescence based on organic light-emitting diodes. <i>Chemical Society Reviews</i> , 2020, 49, 1331-1343.	18.7	567
3	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
4	Advances in helicene derivatives with circularly polarized luminescence. <i>Chemical Communications</i> , 2019, 55, 13793-13803.	2.2	263
5	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021, 64, 2060-2104.	4.2	248
6	A Highly Efficient Approach to [4]Pseudocatenanes by Threefold Metathesis Reactions of a Triptycene-Based Tris[2]pseudorotaxane. <i>Journal of the American Chemical Society</i> , 2005, 127, 13158-13159.	6.6	242
7	Novel triptycene-derived hosts: synthesis and their applications in supramolecular chemistry. <i>Chemical Communications</i> , 2011, 47, 1674.	2.2	233
8	Triptycene-Derived Crown Ether Hosts for Molecular Recognition and Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2026-2040.	7.6	209
9	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
10	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
11	Axially Chiral TADF-Active Enantiomers Designed for Efficient Blue Circularly Polarized Electroluminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3500-3504.	7.2	181
12	Triptycene-Derived Macrocyclic Arenes: From Calixarenes to Helicarenes. <i>Accounts of Chemical Research</i> , 2018, 51, 2093-2106.	7.6	162
13	A highly efficient and selective turn-on fluorescent sensor for Cu ²⁺ ion based on calix[4]arene bearing four iminoquinoline subunits on the upper rim. <i>Chemical Communications</i> , 2008, , 1774.	2.2	157
14	Triptycene-Based Microporous Polymers: Synthesis and Their Gas Storage Properties. <i>ACS Macro Letters</i> , 2012, 1, 190-193.	2.3	135
15	Recent Developments in Synthesis and Applications of Triptycene and Pentriptycene Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6377-6403.	1.2	134
16	Pagoda[4]arene and <i>h</i> -Pagoda[4]arene. <i>Journal of the American Chemical Society</i> , 2020, 142, 8262-8269.	6.6	129
17	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
18	Triptycene-Based Expanded Oxacalixarenes: Synthesis, Structure, and Tubular Assemblies in the Solid State. <i>Journal of Organic Chemistry</i> , 2007, 72, 3880-3888.	1.7	111

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19	Novel Triptycene-Based Cylindrical Macrotricyclic Host: Synthesis and Complexation with Paraquat Derivatives. <i>Organic Letters</i> , 2006, 8, 211-214.	2.4	107
20	Synthesis and Structure of A Triptycene-Based Nanosized Molecular Cage. <i>Journal of Organic Chemistry</i> , 2007, 72, 9339-9341.	1.7	106
21	Tetrahydro[5]helicene-based imide dyes with intense fluorescence in both solution and solid state. <i>Chemical Communications</i> , 2014, 50, 2993-2995.	2.2	105
22	Triptycene-derived oxacalixarene with expanded cavity: synthesis, structure and its complexation with fullerenes C60 and C70. <i>Chemical Communications</i> , 2010, 46, 4199.	2.2	103
23	Stepwise Motion in a Multivalent [2](3)Catenane. <i>Journal of the American Chemical Society</i> , 2015, 137, 9739-9745.	6.6	100
24	Tristable [n]rotaxanes: from molecular shuttle to molecular cable car. <i>Chemical Science</i> , 2014, 5, 1520.	3.7	92
25	Helical aromatic imide based enantiomers with full-color circularly polarized luminescence. <i>Chemical Communications</i> , 2016, 52, 9921-9924.	2.2	83
26	Recent Progress on Circularly Polarized Luminescence of Chiral Organic Small Molecules. <i>Acta Chimica Sinica</i> , 2017, 75, 1150.	0.5	78
27	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
28	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
29	Facile synthesis and optical resolution of inherently chiral fluorescent calix[4]crowns: enantioselective recognition towards chiral leucinol. <i>Tetrahedron</i> , 2005, 61, 8517-8528.	1.0	69
30	Chiral Nanoparticles with Full-Color and White CPL Properties Based on Optically Stable Helical Aromatic Imide Enantiomers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8225-8230.	4.0	69
31	Formation of Ternary Complexes between a Macrotricyclic Host and Hetero-Guest Pairs: An Acid-Base Controlled Selective Complexation Process. <i>Organic Letters</i> , 2007, 9, 4207-4210.	2.4	66
32	A New Approach to Enantiopure Inherently Chiral Calix[4]arenes: Determination of Their Absolute Configurations. <i>Organic Letters</i> , 2007, 9, 4447-4450.	2.4	66
33	Triptycenes Chemistry. , 2013, , .		66
34	Recent progress on multidimensional construction of helicenes. <i>Chinese Chemical Letters</i> , 2018, 29, 40-46.	4.8	66
35	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
36	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

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37	Inherently chiral calix[4]arene-based bifunctional organocatalysts for enantioselective aldol reactions. <i>Tetrahedron</i> , 2008, 64, 8668-8675.	1.0	64
38	Triptycene- α -Derived Calix[6]arenes: Synthesis, Structures, and Their Complexation with Fullerenes C ₆₀ and C ₇₀ . <i>Chemistry - A European Journal</i> , 2010, 16, 8072-8079.	1.7	62
39	Self-Assembly of Triptycene-Based Cylindrical Macrotricyclic Host with Dibenzylammonium Ions: Construction of Dendritic [3]Pseudorotaxanes. <i>Organic Letters</i> , 2006, 8, 1859-1862.	2.4	61
40	Tetrahydro[5]helicene-based full-color emission dyes in both solution and solid states: synthesis, structures, photophysical properties and optical waveguide applications. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8373-8380.	2.7	60
41	Three-Dimensional Nanographene Based on Triptycene: Synthesis and Its Application in Fluorescence Imaging. <i>Organic Letters</i> , 2012, 14, 5912-5915.	2.4	59
42	Guest-Dependent Complexation of Triptycene-Based Macrotricyclic Host with Paraquat Derivatives and Secondary Ammonium Salts: A Chemically Controlled Complexation Process. <i>Journal of Organic Chemistry</i> , 2008, 73, 6800-6806.	1.7	57
43	Stable Enantiomers Displaying Thermally Activated Delayed Fluorescence: Efficient OLEDs with Circularly Polarized Electroluminescence. <i>Angewandte Chemie</i> , 2018, 130, 2939-2943.	1.6	57
44	Rationally designed organelle-specific thermally activated delayed fluorescence small molecule organic probes for time-resolved biological applications. <i>Chemical Communications</i> , 2019, 55, 5639-5642.	2.2	57
45	1,8-Naphthalimide-based circularly polarized TADF enantiomers as the emitters for efficient orange-red OLEDs. <i>Organic Electronics</i> , 2019, 70, 71-77.	1.4	57
46	Effective Nonenzymatic Kinetic Resolution of Racemic <i>m</i> -Nitro-Substituted Inherently Chiral Aminocalix[4]arenes. <i>Organic Letters</i> , 2008, 10, 477-479.	2.4	56
47	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
48	Recent advances in higher order rotaxane architectures. <i>Chemical Communications</i> , 2020, 56, 9916-9936.	2.2	53
49	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
50	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
51	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
52	pH-Controlled motions in mechanically interlocked molecules. <i>Materials Chemistry Frontiers</i> , 2020, 4, 12-28.	3.2	51
53	Synthesis and Optical Resolution of a Series of Inherently Chiral Calix[4]crowns with Cone and Partial Cone Conformations. <i>Chemistry - A European Journal</i> , 2005, 11, 5917-5928.	1.7	50
54	Synthesis and Structures of Multifunctionalized Helicenes and Dehydrohelicenes: An Efficient Route to Construct Cyan Fluorescent Molecules. <i>Chemistry - A European Journal</i> , 2010, 16, 11843-11846.	1.7	50

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55	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
56	Tetrahydro[5]helicene-Based Nanoparticles for Structure-Dependent Cell Fluorescent Imaging. <i>Advanced Functional Materials</i> , 2014, 24, 4405-4412.	7.8	49
57	High-Efficiency Circularly Polarized Electroluminescence from TADF-Sensitized Fluorescent Enantiomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20728-20733.	7.2	49
58	Chiral Thermally Activated Delayed Fluorescence-Active Macrocycles Displaying Efficient Circularly Polarized Electroluminescence. <i>CCS Chemistry</i> , 2022, 4, 3540-3548.	4.6	49
59	Axially Chiral TADF-Active Enantiomers Designed for Efficient Blue Circularly Polarized Electroluminescence. <i>Angewandte Chemie</i> , 2020, 132, 3528-3532.	1.6	48
60	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
61	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
62	Triptycene-based tetralactam macrocycles: synthesis, structure and complexation with squaraine. <i>Chemical Communications</i> , 2008, , 6128.	2.2	43
63	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
64	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
65	A molecular pulley based on a triply interlocked [2]rotaxane. <i>Chemical Communications</i> , 2015, 51, 8241-8244.	2.2	43
66	Intense blue circularly polarized luminescence from helical aromatic esters. <i>Chemical Communications</i> , 2017, 53, 6093-6096.	2.2	43
67	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
68	Guest-dependent directional complexation based on triptycene derived oxacalixarene: formation of oriented rotaxanes. <i>Chemical Science</i> , 2016, 7, 469-474.	3.7	42
69	Triptycene-derived calix[6]arenes: synthesis, structure and tubular assemblies in the solid state. <i>Chemical Communications</i> , 2009, , 6771.	2.2	40
70	Triptycene-Derived Oxacalixarenes as New Wheels for the Synthesis of [2]Rotaxanes: Acid-Base and Metal-Ion-Switchable Complexation Processes. <i>Chemistry - A European Journal</i> , 2011, 17, 5424-5431.	1.7	39
71	Step-by-step reaction-powered mechanical motion triggered by a chemical fuel pulse. <i>Chemical Science</i> , 2019, 10, 2529-2533.	3.7	39
72	Synthesis, Structures, and Conformational Characteristics of Triptycene-Derived Calix[5]arenes. <i>Organic Letters</i> , 2010, 12, 524-527.	2.4	36

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73	Triptycene-derived calixarenes, heterocalixarenes and analogues. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 79, 261-281.	0.9	36
74	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
75	Triptycene-Derived Homooxalixarene Analogues: Synthesis, Structures, and Complexation with Fullerenes C ₆₀ and C ₇₀ . <i>Journal of Organic Chemistry</i> , 2013, 78, 981-987.	1.7	34
76	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
77	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
78	Hg ²⁺ recognition by triptycene-derived heterocalixarenes: selectivity tuned by bridging heteroatoms and macrocyclic cavity. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5838.	1.5	32
79	Supramolecular tessellations by the exo-wall interactions of pagoda[4]arene. <i>Nature Communications</i> , 2021, 12, 6378.	5.8	32
80	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
81	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
82	Recent Advances in Novel Macrocyclic Arenes. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 3714.	0.6	31
83	Dioxygen-Triggered Transannular Dearomatization of Benzo[5]helicene Diols: Highly Efficient Synthesis of Chiral Extended Diones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4648-4651.	7.2	30
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 Green Fluorescent Nitrogen-Doped Aromatic Belt Containing a [6]Cycloparaphenylene Skeleton. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15291-15295.	7.2	30
86	D _{2h} -Symmetric A type planar chiral TADF materials for efficient circularly polarized electroluminescence. <i>Materials Horizons</i> , 2021, 8, 3417-3423.	6.4	30
87	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
88	Recent Progress in Circularly Polarized Luminescence of [2.2]Paracyclophane Derivatives. <i>ChemPhotoChem</i> , 2022, 6, .	1.5	29
89	Dihydroindeno[2,1- <i>c</i>]fluorene-Based Imide Dyes: Synthesis, Structures, Photophysical and Electrochemical Properties. <i>Journal of Organic Chemistry</i> , 2014, 79, 2139-2147.	1.7	28
90	Tetrahydro[5]helicene-based dye with remarkable and reversible acid/base stimulated fluorescence switching properties in solution and solid state. <i>Dyes and Pigments</i> , 2015, 120, 184-189.	2.0	27

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91	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
92	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
93	Importance of Conformational Change in Excited States for Efficient Thermally Activated Delayed Fluorescence. <i>Journal of Physical Chemistry C</i> , 2019, 123, 19322-19332.	1.5	26
94	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
95	Triptycene-derived calix[6]resorcinarene-like hosts: synthesis, structure and self-assemblies in the solid state. <i>Chemical Communications</i> , 2011, 47, 12170.	2.2	25
96	Self-sorting behavior of a four-component host-guest system and its incorporation into a linear supramolecular alternating copolymer. <i>Chemical Communications</i> , 2015, 51, 3593-3595.	2.2	25
97	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
98	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. <i>Frontiers in Chemistry</i> , 2019, 7, 543.	1.8	25
99	Naphthyridine-based thermally activated delayed fluorescence emitters for multi-color organic light-emitting diodes with low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4673-4680.	2.7	25
100	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
101	Formation of 1:2 Host-Guest Complexes Based on Triptycene-Derived Macrotricyclic and Paraquat Derivatives: Anion-Induced Interactions between PF ₆ ⁻ and Bipyridinium Rings in the Solid State. <i>Organic Letters</i> , 2011, 13, 5688-5691.	2.4	22
102	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
103	An ultralong room-temperature phosphorescent material based on the combination of small singlet-triplet splitting energy and H-aggregation. <i>Chemical Communications</i> , 2020, 56, 4296-4299.	2.2	22
104	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
105	Saucer[<i>n</i>]arenes: Synthesis, Structure, Complexation, and Guest-Induced Circularly Polarized Luminescence Property. <i>Angewandte Chemie</i> , 2021, 133, 22098-22104.	1.6	22
106	Chiral TADF-Active Polymers for High-Efficiency Circularly Polarized Organic Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2021, 133, 23811-23816.	1.6	22
107	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
108	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

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109	Phthalimide-based "N" emitters with thermally activated delayed fluorescence and isomer-dependent room-temperature phosphorescence properties. <i>Chemical Communications</i> , 2019, 55, 12172-12175.	2.2	21
110	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
111	Applications of Helicenes and Their Derivatives in Asymmetric Catalysis. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 541.	0.6	20
112	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
113	Recent advances on triptycene derivatives in supramolecular and materials chemistry. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10047-10067.	1.5	19
114	Self-Assembled Interwoven Cages from Triptycene-Derived Bis-Macrotricyclic Polyether and Multiple Branched Paraquat-Derived Subunits. <i>Organic Letters</i> , 2010, 12, 5764-5767.	2.4	18
115	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
116	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
117	Nanotoroidal tubule assembled from a functionalized oxacalix[4]arene. <i>CrystEngComm</i> , 2010, 12, 3502.	1.3	17
118	Complexation Between (<i>O</i> -Methyl) ₆ -2,6-Helic[6]arene and Tertiary Ammonium Salts: Acid/Base- or Chloride-Ion-Responsive Host-Guest Systems and Synthesis of [2]Rotaxane. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2576-2582.	1.7	17
119	Naphthyridine-based thermally activated delayed fluorescence emitters for highly efficient blue OLEDs. <i>Dyes and Pigments</i> , 2020, 178, 108324.	2.0	17
120	Synthesis of A Bis-Macrotricyclic Host and Its Complexation with Secondary Ammonium Salts: An Acid-Base Switchable Molecular Handcuff. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5056-5062.	1.2	16
121	Novel oxacalix[2]arene[2]triazines with thermally activated delayed fluorescence and aggregation-induced emission properties. <i>Chemical Communications</i> , 2019, 55, 9559-9562.	2.2	16
122	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
123	Aromatic-imide-based TADF enantiomers for efficient circularly polarized electroluminescence. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4805-4812.	2.7	16
124	Directional Transportation of a Helic[6]arene along a Nonsymmetric Molecular Axle. <i>Journal of Organic Chemistry</i> , 2019, 84, 5872-5876.	1.7	15
125	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
126	Triptycene-derived calix[6]arene analogues: synthesis, structure and complexation with paraquat derivatives. <i>Organic Chemistry Frontiers</i> , 2014, 1, 140.	2.3	14

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127	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
128	A Calix[3]acridanâ€Based Hostâ€Guest Cocrystal Exhibiting Efficient Thermally Activated Delayed Fluorescence. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	13
129	Efficient synthesis and resolution of meta-substituted inherently chiral aminocalix[4]arene derivatives. <i>Science Bulletin</i> , 2010, 55, 2859-2869.	1.7	12
130	lptycene-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
131	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
132	High-generation organometallic rotaxane dendrimer. <i>Science China Chemistry</i> , 2015, 58, 1089-1089.	4.2	11
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