

Ying Han

List of Publications by Year in descending order

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60
papers

1,943
citations

279798

23
h-index

254184

43
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63
all docs

63
docs citations

63
times ranked

1482
citing authors

#	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.	7.8	53
2	Helic[6]arene-Based Chiral Pseudo[1]rotaxanes and [1]Rotaxanes. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	10
3	Triple-stranded triptycene-based metallo-supramolecular helicate displaying efficient encapsulation of bulky guest molecules. <i>Chemical Communications</i> , 2022, 58, 1326-1329.	4.1	1
4	Chiral Bishelic[6]arene-Based Supramolecular Gels with Circularly Polarized Luminescence Property. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3473-3481.	4.4	10
5	Enantiomeric Water-Soluble Octopus[3]arenes for Highly Enantioselective Recognition of Chiral Ammonium Salts in Water. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
6	Enantiomeric Water-Soluble Octopus[3]arenes for Highly Enantioselective Recognition of Chiral Ammonium Salts in Water. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	32
7	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.	3.8	2
8	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.	13.8	34
9	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.	2.0	11
10	Saucer[<i>n</i>]arenes: Synthesis, Structure, Complexation, and Guest-Induced Circularly Polarized Luminescence Property. <i>Angewandte Chemie</i> , 2021, 133, 22098-22104.	2.0	22
11	Saucer[<i>n</i>]arenes: Synthesis, Structure, Complexation, and Guest-Induced Circularly Polarized Luminescence Property. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21927-21933.	13.8	66
12	Synthesis of Chiral Helic[1]triptycene[3]arenes and Their Enantioselective Recognition towards Chiral Guests Containing Aminoindan Groups. <i>Molecules</i> , 2021, 26, 536.	3.8	8
13	3,6-Fluoren[5]arenes: synthesis, structure and complexation with fullerenes C ₆₀ and C ₇₀ . <i>Chemical Communications</i> , 2021, 57, 3987-3990.	4.1	15
14	Supramolecular tessellations by the exo-wall interactions of pagoda[4]arene. <i>Nature Communications</i> , 2021, 12, 6378.	12.8	32
15	Recent advances on triptycene derivatives in supramolecular and materials chemistry. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 10047-10067.	2.8	19
16	pH-Controlled motions in mechanically interlocked molecules. <i>Materials Chemistry Frontiers</i> , 2020, 4, 12-28.	5.9	51
17	Helic[1]triptycene[3]arene: Synthesis, Complexation, and Formation of [2]Rotaxane Shuttle. <i>Journal of Organic Chemistry</i> , 2020, 85, 11465-11474.	3.2	18
18	Recent advances in higher order rotaxane architectures. <i>Chemical Communications</i> , 2020, 56, 9916-9936.	4.1	53

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19	Pagoda[4]arene and <i>Pagoda</i> [4]arene. Journal of the American Chemical Society, 2020, 142, 8262-8269.	13.7	129
20	Recent Advances in Novel Macrocyclic Arenes. Chinese Journal of Organic Chemistry, 2020, 40, 3714.	1.3	31
21	Triptycene-Derived Macrocyclic Arenes. , 2020, , 139-180.		0
22	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.	2.2	5
23	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.	3.6	25
24	Directional Transportation of a Helic[6]arene along a Nonsymmetric Molecular Axle. Journal of Organic Chemistry, 2019, 84, 5872-5876.	3.2	15
25	A Triply Operable Molecular Switch: Anion-, Acid/Base- and Solvent-Responsive [2]Rotaxane. European Journal of Organic Chemistry, 2019, 2019, 3406-3411.	2.4	8
26	Triptycene-Derived Macrocyclic Arenes. , 2019, , 1-43.		0
27	Triptycene-Derived Macrocyclic Arenes: From Calixarenes to Helicarenes. Accounts of Chemical Research, 2018, 51, 2093-2106.	15.6	162
28	Complexation of Racemic 2,6-Helic[6]arene and Its Hexamethyl-Substituted Derivative with Quaternary Ammonium Salts, N-Heterocyclic Salts, and Tetracyanoquinodimethane. Chemistry - A European Journal, 2017, 23, 3735-3742.	3.3	25
29	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. Chemical Communications, 2017, 53, 10433-10436.	4.1	22
30	Complexation Between (Methyl) ₆ -2,6-Helic[6]arene and Tertiary Ammonium Salts: Acid/Base- or Chloride-Responsive Host-Guest Systems and Synthesis of [2]Rotaxane. Chemistry - an Asian Journal, 2017, 12, 2576-2582.	3.3	17
31	Triptycene-Based Chiral Macrocyclic Hosts for Highly Enantioselective Recognition of Chiral Guests Containing a Trimethylamino Group. Angewandte Chemie, 2016, 128, 5390-5394.	2.0	50
32	Synthesis and Structures of Triptycene-Derived Oxalixarenes with Expanded Cavities: Tunable and Switchable Complexation towards Bipyridinium Salts. Chemistry - an Asian Journal, 2016, 11, 2756-2762.	3.3	6
33	Triptycene-based stationary phase with three-dimensional aromatic structure for highly selective separation of H-bonding analytes and aromatic isomers. Journal of Chromatography A, 2016, 1445, 135-139.	3.7	12
34	Triptycene-Based Chiral Macrocyclic Hosts for Highly Enantioselective Recognition of Chiral Guests Containing a Trimethylamino Group. Angewandte Chemie - International Edition, 2016, 55, 5304-5308.	13.8	191
35	Solid-state "Russian doll"-like capsules based on a triptycene-derived macrotricyclic host with paraquat derivative and polycyclic aromatic hydrocarbons. CrystEngComm, 2016, 18, 4900-4904.	2.6	5
36	Acid/base controllable complexation of a triptycene-derived macrotricyclic host and protonated 4,4'-bipyridinium/pyridinium salts. Chemical Communications, 2016, 52, 590-593.	4.1	8

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37	Complexation of Novel Water-Soluble Cylindrical Macrotricyclic Host and Paraquat. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 1937.	1.3	1
38	Guest-dependent complexation of triptycene-derived macrotricyclic host containing one anthracene moiety with paraquat derivatives: construction of [2]rotaxanes. <i>Supramolecular Chemistry</i> , 2015, 27, 357-363.	1.2	5
39	Cryptand-based hosts for organic guests. <i>Tetrahedron</i> , 2015, 71, 503-522.	1.9	46
40	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.	4.1	25
41	Linker-Length-Dependent Complexation of a Triptycene-Derived Macrotricyclic Polyether with β -Extended Viologens. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1257-1263.	2.4	2
42	Stepwise Motion in a Multivalent [2](3)Catenane. <i>Journal of the American Chemical Society</i> , 2015, 137, 9739-9745.	13.7	100
43	Synthesis and structures of triptycene-derived Tröger's base molecular clips. <i>Chinese Chemical Letters</i> , 2015, 26, 839-842.	9.0	6
44	Complexation of Triptycene-Derived Macrotricyclic Host with β -Extended Viologens. <i>Acta Chimica Sinica</i> , 2015, 73, 1147.	1.4	1
45	Complexation of Triptycene-Derived Macrotricyclic Host Containing Pyridine Groups with Paraquat Derivatives: A Switchable Process Controlled by Zn ²⁺ Ions. <i>Chinese Journal of Chemistry</i> , 2014, 32, 721-726.	4.9	2
46	Triptycene-derived calixarenes, heterocalixarenes and analogues. <i>Journal of Inclusion Phenomena and Macroscopic Chemistry</i> , 2014, 79, 261-281.	1.6	36
47	Triptycene-derived calix[6]arene analogues: synthesis, structure and complexation with paraquat derivatives. <i>Organic Chemistry Frontiers</i> , 2014, 1, 140.	4.5	14
48	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.	2.4	6
49	Triptycene-Derived Crown Ether Hosts for Molecular Recognition and Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2026-2040.	15.6	209
50	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.	3.2	26
51	Preparation of activated carbon from cotton stalk and its application in supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1005-1012.	2.5	141
52	Complexation of Triptycene-Derived Macrotricyclic Host with Bisparaquat Derivative and Self-Folding Guest: A Switchable Process Controlled by K ⁺ Ions. <i>Chinese Journal of Chemistry</i> , 2013, 31, 607-611.	4.9	4
53	Synthesis of Triptycene-Derived Macrotricyclic Host Containing Two Dibenzo-[18]-crown-6 Moieties and Its Complexation with Paraquat Derivatives: Li ⁺ -Ion-Controlled Binding and Release of the Guests in the Complexes. <i>Journal of Organic Chemistry</i> , 2012, 77, 2422-2430.	3.2	29
54	Complexation between triptycene-based macrotricyclic host and β -extended viologens: formation of supramolecular poly[3]pseudorotaxanes. <i>Chemical Communications</i> , 2012, 48, 11076.	4.1	19

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55	Effect of lithium boron oxide glass coating on the electrochemical performance of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ . <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1481-1486.	2.5	30
56	Low-temperature behavior of Li ₃ V ₂ (PO ₄) ₃ /C as cathode material for lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1917-1923.	2.5	22
57	Oxalic acid-assisted preparation of LiFePO ₄ /C cathode material for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1925-1931.	2.5	8
58	Formation of 1:2 Host-Guest Complexes Based on Triptycene-Derived Macrotricyclic and Paraquat Derivatives: Anion-π Interactions between PF ₆ ⁻ and Bipyridinium Rings in the Solid State. <i>Organic Letters</i> , 2011, 13, 5688-5691.	4.6	22
59	Chelation-assisted method for the preparation of cathode material LiFePO ₄ . <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1971-1976.	2.5	7
60	Preparation and electrochemical properties of LiMn ₂ O ₄ by a rheological-phase-assisted microwave synthesis method. <i>Inorganic Materials</i> , 2008, 44, 542-548.	0.8	13