

# Zhu Tao

## List of Publications by Citations

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283  
papers

4,628  
citations

30  
h-index

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303  
ext. papers

5,543  
ext. citations

4.5  
avg, IF

5.68  
L-index

#	Paper	IF	Citations
283	Cucurbit[n]uril-based coordination chemistry: from simple coordination complexes to novel poly-dimensional coordination polymers. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 9480-508	58.5	297
282	Self-assemblies based on the "outer-surface interactions" of cucurbit[n]urils: new opportunities for supramolecular architectures and materials. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 1386-95	24.3	280
281	Twisted cucurbit[14]uril. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7252-5	16.4	219
280	Facile Cucurbit[8]uril-Based Supramolecular Approach To Fabricate Tunable Luminescent Materials in Aqueous Solution. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 6177-83	16.4	204
279	Synthesis and separation of cucurbit[n]urils and their derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 4335-64	3.9	98
278	Advances in the lanthanide metallosupramolecular chemistry of the cucurbit[n]urils. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 287, 89-113	23.2	95
277	Twisted Cucurbit[n]urils. <i>Organic Letters</i> , <b>2016</b> , 18, 4020-3	6.2	91
276	Locating the cyclopentano cousins of the cucurbit[n]uril family. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 606-11	4.2	70
275	Supramolecular Bracelets and Interlocking Rings Elaborated Through the Interrelationship of Neighboring Chemical Environments of Alkyl-Substitution on Cucurbit[5]uril. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 3446-3450	3.5	68
274	Twisted Cucurbit[14]uril. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 7393-7396	3.6	63
273	Construction of cucurbit[7]uril based tubular nanochannels incorporating associated [CdCl <sub>4</sub> ] <sup>2-</sup> and lanthanide ions. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 1909-15	5.1	60
272	Stable cucurbit[5]uril MOF structures as Beaded Rings built on a p-hydroxybenzoic acid template: small molecule absorption material. <i>CrystEngComm</i> , <b>2011</b> , 13, 5049	3.3	58
271	Inorganic anion-aided coordination of lanthanide metal ions to cucurbituril and supramolecular self-assembly: potential applications in the separation of light lanthanides. <i>CrystEngComm</i> , <b>2013</b> , 15, 7987	3.3	53
270	Cucurbit[n]urils (n=7, 8) binding of camptothecin and the effects on solubility and reactivity of the anticancer drug. <i>Supramolecular Chemistry</i> , <b>2008</b> , 20, 663-671	1.8	52
269	Development of hydroxylated cucurbit[ n ]urils, their derivatives and potential applications. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 348, 1-24	23.2	50
268	A novel rhodamine-based thiacalix[4]arene fluorescent sensor for Fe <sup>3+</sup> and Cr <sup>3+</sup> . <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2010</b> , 68, 139-146		49
267	Coordination nanotubes self-assembled from cucurbit[7]uril and lanthanide cations. <i>CrystEngComm</i> , <b>2013</b> , 15, 3943	3.3	46

266	Difference of coordination between alkali- and alkaline-earth-metal ions to a symmetrical $\beta$ -tetramethylcucurbit[6]uril. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 6956-64	5.1	42
265	Approach to 10-Unit Bracelet Frameworks Based on Coordination of Alkyl-Substituted Cucurbit[5]urils and Potassium Ions. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 5113-5116	3.5	41
264	[CdCl <sub>4</sub> ] <sup>2-</sup> anion-induced coordination of Ln <sup>3+</sup> to cucurbit[8]uril and the formation of supramolecular self-assemblies: potential application in isolation of light lanthanides. <i>CrystEngComm</i> , <b>2014</b> , 16, 144-147	3.3	38
263	Hydroquinone-assisted assembly of coordination polymers from lanthanides and cucurbit[5]uril. <i>CrystEngComm</i> , <b>2012</b> , 14, 7994	3.3	38
262	A novel strategy to assemble achiral ligands to chiral helical polyrotaxane structures. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 6521-5	5.1	38
261	Homochiral 1D-helical coordination polymers from achiral cucurbit[5]uril: hydroquinone-induced spontaneous resolution. <i>RSC Advances</i> , <b>2012</b> , 2, 3217	3.7	37
260	Cucurbit[10]uril-Based Smart Supramolecular Organic Frameworks in Selective Isolation of Metal Cations. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 5468-5472	9.6	34
259	Cucurbit[n]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15166-15191	16.4	33
258	Multiple Efficient Fluorescence Emission from Cucurbit[10]uril-[CdCl <sub>4</sub> ]-Based Pillared Diamond Porous Supramolecular Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 40760-40765	9.5	32
257	Hexachloroplatinate(IV) Anion Induced Cucurbituril Supramolecular Assembly with Linear Channels. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 1435-1438	2.3	32
256	Investigation of Host-Guest Compounds of Cucurbit[n=5,8]uril with Some Ortho Aminopyridines and Bispyridine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2005</b> , 52, 101-107		32
255	A supramolecular assembly of methyl-substituted cucurbit[5]uril and its potential applications in selective absorption. <i>RSC Advances</i> , <b>2015</b> , 5, 17354-17357	3.7	30
254	Extended and contorted conformations of alkanediammonium ions in symmetrical $\beta$ -tetramethylcucurbit[6]uril cavity. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 11194-8	4.2	30
253	p-Hydroxybenzoic acid-assisted homochiral 1D-helical coordination polymers from calcium cations and cucurbit[5]uril. <i>CrystEngComm</i> , <b>2012</b> , 14, 8049	3.3	30
252	An approach to networks based on coordination of alkyl-substituted cucurbit[5]urils and potassium ions. <i>CrystEngComm</i> , <b>2013</b> , 15, 1994	3.3	30
251	Complexation of cyclohexanocucurbit[6]uril with cadmium ions: X-ray crystallographic and electrochemical study. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 7638-40	5.1	30
250	Crystal structures of four host-guest inclusion complexes of $\beta$ -tetramethylcucurbit[6]uril and cucurbit[8]uril with some l-amino acids. <i>Journal of Molecular Structure</i> , <b>2009</b> , 933, 112-117	3.4	30
249	[CdCl <sub>4</sub> ] <sup>2-</sup> anion-induced coordination of alkaline earth metal ions to cucurbit[7]uril, corresponding supramolecular self-assemblies and potential application. <i>Dalton Transactions</i> , <b>2014</b> , 43, 929-32	4.3	29

248	Direct coordination of metal ions to cucurbit[n]urils. <i>Science Bulletin</i> , <b>2010</b> , 55, 3633-3640		29
247	Coordination and supramolecular assemblies of K <sup>+</sup> /Ln <sup>3+</sup> to perhydroxycucurbit[5]uril in the presence of [PMo12O40]3 <sup>-</sup> potential application in isolation of light lanthanides. <i>CrystEngComm</i> , <b>2014</b> , 16, 1615	3.3	28
246	Hydroquinone-induced framework based on direct coordination of rubidium ions to cucurbit[7]uril. <i>CrystEngComm</i> , <b>2011</b> , 13, 5105	3.3	28
245	Synthesis of a symmetrical octamethyl-substituted cucurbituril with a dimethyl-substituted glycoluril dimer. <i>Tetrahedron</i> , <b>2014</b> , 70, 800-804	2.4	27
244	One-Dimensional Coordination Polymers of Lanthanide Cations to Cucurbit[7]uril Built Using a Range of Tetrachloride Transition-Metal Dianion Structure Inducers. <i>Polymers</i> , <b>2013</b> , 5, 418-430	4.5	27
243	Chirality from achiral components: N,N'-bis(4-dimethylaminobenzyl)dodecane-1,12-diammonium in cucurbit[8]uril. <i>Chemical Communications</i> , <b>2010</b> , 46, 3741-3	5.8	27
242	Synthesis and X-ray structure of the inclusion complex of dodecamethylcucurbit[6]uril with 1,4-dihydroxybenzene. <i>Molecules</i> , <b>2007</b> , 12, 716-22	4.8	27
241	Facile preparation and application of luminescent cucurbit[10]uril-based porous supramolecular frameworks. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 283, 290-297	8.5	27
240	p-Hydroxybenzoic acid-induced formation of a novel framework based on direct coordination of caesium ions to cucurbit[8]uril. <i>CrystEngComm</i> , <b>2012</b> , 14, 3862	3.3	26
239	Encapsulation of alkyldiammonium ions within two different cavities of twisted cucurbit[14]uril. <i>Chemical Communications</i> , <b>2016</b> , 52, 2589-92	5.8	25
238	Tetrachloride transition-metal dianion-induced coordination and supramolecular self-assembly of strontium dications to cucurbit[8]uril. <i>CrystEngComm</i> , <b>2013</b> , 15, 2416	3.3	25
237	Determination of thiabendazole in aqueous solutions using a cucurbituril-enhanced fluorescence method. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2012</b> , 72, 397-404		25
236	Coordination and Supramolecular Self-Assemblies of Alkali and Alkaline Earth Metal Ions to Cucurbit[5]uril in the Presence of Nitrophenol. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 5712-5722	3.5	25
235	Specific recognition of formaldehyde by a cucurbit[10]uril-based porous supramolecular assembly incorporating adsorbed 1,8-diaminonaphthalene. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 1597-1603	7.1	23
234	Supramolecular assembly of a methyl-substituted cucurbit[6]uril and its potential applications in selective sorption. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 2433-2436	3.6	23
233	A highly selective fluorescent chemosensor probe for detection of Fe <sup>3+</sup> and Ag <sup>+</sup> based on supramolecular assembly of cucurbit[10]uril with a pyrene derivative. <i>Dyes and Pigments</i> , <b>2020</b> , 176, 108235	4.6	23
232	Tetrachloridometallate dianion-induced cucurbit[8]uril supramolecular assemblies with large channels and their potential applications for extraction coating on solid-phase microextraction fibers. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 21-3	5.1	23
231	Chemo-selective oxidation of hydroxybenzyl alcohols with IBX in the presence of hemicucurbit[6]uril. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 3778	3.6	23

230	Interaction between tetramethylcucurbit[6]uril and some pyridine derivatives. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 2715-21	2.8	23
229	Coordination polymers constructed from alkali metal ions and (HO)10cucurbit[5]uril. <i>CrystEngComm</i> , <b>2011</b> , 13, 3794	3.3	22
228	New fluorescent sensor for antimony and transition metal cations based on rhodamine amide-arm homotrioxacalix[3]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2010</b> , 66, 125-131		22
227	The synthesis of networks based on the coordination of cucurbit[8]urils and alkali or alkaline earth ions in the presence of the polychloride transition-metal anions. <i>CrystEngComm</i> , <b>2013</b> , 15, 7709	3.3	21
226	Outer Surface Interactions of Cucurbit[6]uril That Trigger the Assembly of Supramolecular Three-Dimensional Polycatenanes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2759-2763	4.8	20
225	Crystal structure analysis of twisted cucurbit [14]uril conformations. <i>Inorganic Chemistry Communication</i> , <b>2017</b> , 86, 49-53	3.1	20
224	Cucurbit[7,8]urils binding to gefitinib and the effect of complex formation on the solubility and dissolution rate of the drug. <i>RSC Advances</i> , <b>2014</b> , 4, 3348-3354	3.7	20
223	Coordination of alkaline earth metal ions in the inverted cucurbit[7]uril supramolecular assemblies formed in the presence of [ZnCl <sub>4</sub> ] <sup>2-</sup> and [CdCl <sub>4</sub> ] <sup>2-</sup> . <i>Chemistry - an Asian Journal</i> , <b>2015</b> , 10, 1159-64	4.5	20
222	Polymeric self-assembled cucurbit[n]urils: Synthesis, structures and applications. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 434, 213733	23.2	20
221	A novel shell-like supramolecular assembly of 4,4'-bipyridyl derivatives and a twisted cucurbit[14]uril molecule. <i>Chemical Communications</i> , <b>2015</b> , 51, 9999-10001	5.8	19
220	A Hemimethyl-Substituted Cucurbit[7]uril Derived from 3-Methyl-glycoluril. <i>Organic Letters</i> , <b>2015</b> , 17, 5072-5	6.2	19
219	Hyperbranched supramolecular polymer constructed from twisted cucurbit[14]uril and porphyrin via host-guest interactions. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 1144-1148	5.2	19
218	Separation performance of cucurbit[8]uril and its coordination complex with cadmium (II) in capillary gas chromatography. <i>Journal of Chromatography A</i> , <b>2014</b> , 1343, 167-73	4.5	19
217	Binding and Selectivity of Essential Amino Acid Guests to the Inverted Cucurbit[7]uril Host. <i>ACS Omega</i> , <b>2017</b> , 2, 5633-5640	3.9	19
216	Use of Silver(I) and Copper(II) Ions to Assist the Self-Assembly of Polyrotaxanes Incorporating Symmetrical 10,10-Tetramethyl-cucurbit[6]uril. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 4509-4515	3.5	19
215	Pyridine Detection Using Supramolecular Organic Frameworks Incorporating Cucurbit[10]uril. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 7434-7442	9.5	19
214	Cucurbit[n]uril-based host-guest-metal ion chemistry: an emerging branch in cucurbit[n]uril chemistry. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2017</b> , 89, 1-14	1.7	18
213	Cucurbituril-Based Supramolecular Self-Assemblies Formed in the Presence of Alkali Metal and Cadmium Ions. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 2262-2267	2.3	18

212	Host-guest interactions of thiabendazole with normal and modified cucurbituril: <sup>1</sup> H NMR, phase solubility and antifungal activity studies. <i>Supramolecular Chemistry</i> , <b>2015</b> , 27, 386-392	1.8	18
211	A host-guest complexation based fluorescent probe for the detection of paraquat and diquat herbicides in aqueous solutions. <i>RSC Advances</i> , <b>2015</b> , 5, 100316-100321	3.7	17
210	Supramolecular Recognition of Amino Acids by Twisted Cucurbit[14]uril. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2250-4	4.5	17
209	Macrocyclic-based metal ion complexation: a study of the lanthanide contraction effect towards hexacyclohexanocucurbit[6]uril. <i>CrystEngComm</i> , <b>2013</b> , 15, 738-744	3.3	17
208	Coordination of Alkaline-Earth Metal Ions in Inverted Cucurbit[6]uril Supramolecular Assemblies Formed in the Presence of Tetrachloride Zincates. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 318-323	2.3	17
207	Coordination of Ln <sup>3+</sup> in ortho-tetramethyl-substituted cucurbituril supramolecular assemblies formed in the presence of cadmium nitrate: potential applications for isolation of heavier lanthanides. <i>CrystEngComm</i> , <b>2014</b> , 16, 10674-10680	3.3	17
206	Ionic radius-dependent self-assembly of closed/opened molecular capsules based on pentacyclopentanocucurbit[5]uril. <i>RSC Advances</i> , <b>2012</b> , 2, 5663	3.7	17
205	Solubility enhancement of kinetin through host-guest interactions with cucurbiturils. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2008</b> , 61, 171-177		17
204	Recognition of silver cations by a cucurbit[8]uril-induced supramolecular crown ether. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 2556-62	3.9	16
203	Methyl-substituted cucurbit[6]uril-based microporous supramolecular frameworks for highly selective Et <sub>2</sub> O/CH <sub>3</sub> OH adsorption. <i>CrystEngComm</i> , <b>2016</b> , 18, 2112-2118	3.3	16
202	[PMo <sub>12</sub> O <sub>40</sub> ] <sub>3</sub> -Induced Perhydroxycucurbit[5]uril-Based Porous Supramolecular Assemblies. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 831-835	2.3	16
201	Contorted Conformations of 1,4-Butyldenedipyridinium and 1,10-Decyldenedipyridinium Cationic Guests in a Cucurbit[8]uril Host. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 2366-2371	3.2	16
200	Detecting Pesticide Dodine by Displacement of Fluorescent Acridine from Cucurbit[10]uril Macrocyclic. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 584-591	5.7	16
199	Supramolecular assemblies constructed from inverted cucurbit[7]uril and lanthanide cations: synthesis, structure and sorption properties. <i>RSC Advances</i> , <b>2016</b> , 6, 77805-77810	3.7	16
198	Supramolecular coordination assemblies of a symmetrical octamethyl-substituted cucurbituril with alkali metal ions based on the outer-surface interactions of cucurbit[n]urils. <i>CrystEngComm</i> , <b>2017</b> , 19, 2464-2474	3.3	15
197	Alkyl Substituted Cucurbit[6]uril Assisted Competitive Fluorescence Recognition of Lysine and Methionine in Aqueous Solution. <i>ChemistrySelect</i> , <b>2017</b> , 2, 2569-2573	1.8	15
196	Interaction of a symmetrical <i>trans</i> -tetramethyl-cucurbit[6]uril with Ln <sup>3+</sup> : potential applications for isolation of lanthanides. <i>CrystEngComm</i> , <b>2016</b> , 18, 5028-5035	3.3	15
195	Outer surface interactions to drive cucurbit[8]uril-based supramolecular frameworks: possible application in gold recovery. <i>Chemical Communications</i> , <b>2019</b> , 55, 14271-14274	5.8	15



194	Supramolecular complexes of $\beta$ , $\beta$ -tetramethyl-cucurbit[6]uril binding with enantiomeric amino acids. <i>CrystEngComm</i> , <b>2017</b> , 19, 2168-2171	3.3	14
193	Tetramethylcucurbit[6]uril-triggered fluorescence emission and its application for recognition of rare earth cations. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 243, 1102-1108	8.5	14
192	Cucurbit[7]uril-improved recognition by a fluorescent sensor for cadmium and zinc cations. <i>Supramolecular Chemistry</i> , <b>2016</b> , 28, 784-791	1.8	14
191	Host-guest complexation of di-cyclohexanocucurbit[6]uril and hexa-cyclohexanocucurbit[6]uril with alkylidiammonium ions: a comparative study. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 674-679	3.9	14
190	Interaction between cucurbit[8]uril and viologen derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2008</b> , 61, 131-138		14
189	A Study of the Interaction Between Cucurbit[8]uril and Alkyl-Substituted 4-Pyrrolidinopyridinium Salts. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 235-242	4.5	14
188	A study of the interaction between inverted cucurbit[7]uril and symmetric viologens. <i>RSC Advances</i> , <b>2017</b> , 7, 461-467	3.7	13
187	Coordination and supramolecular assemblies of mono-hydroxylated octamethylcucurbit[6]uril with alkali and alkaline earth metal ions in the presence of polychloride cadmium anions. <i>CrystEngComm</i> , <b>2017</b> , 19, 4017-4024	3.3	13
186	Mono- and Dihydroxylated Symmetrical Octamethylcucurbiturils and Allylated Derivatives. <i>Organic Letters</i> , <b>2016</b> , 18, 5544-5547	6.2	13
185	Coordination and Supramolecular Assemblies of Fully Substituted Cyclopentanocucurbit[6]uril with Lanthanide Cations in the Presence of Tetrachlorozincate Anions, and Their Potential Applications. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 7412-7419	5.1	13
184	Coordination of Pentacyclohexanocucurbit[5]uril with Alkali Metal Ions and Supramolecular Self-Assembly in the Absence and Presence of Inorganic Anions. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3632-3640	2.3	13
183	Host-guest inclusion complexes of viologen derivative and tetramethyl cucurbit[6]uril with multiple interaction models. <i>Chemical Physics Letters</i> , <b>2011</b> , 514, 317-320	2.5	13
182	Preparation and characterization of inclusion complexes of antitumor camptothecin with cucurbit[n = 7, 8]urils. <i>Science China Chemistry</i> , <b>2010</b> , 53, 2304-2310	7.9	13
181	Selective Recovery and Detection of Gold with Cucurbit[ ]urils (= 5-7). <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 3850-3855	3.3	12
180	Applications of macrocyclic compounds for electrochemical sensors to improve selectivity and sensitivity. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2019</b> , 95, 171-198	1.7	12
179	Adducts of aqua complexes of Ln <sup>3+</sup> with a di-hydroxylated symmetrical octamethyl-substituted cucurbituril: potential applications for isolation of heavier lanthanides. <i>CrystEngComm</i> , <b>2017</b> , 19, 5635-5639	3.3	12
178	Host-guest interactions of 6-benzyladenine with normal and modified cucurbituril: <sup>1</sup> H NMR, UV absorption spectroscopy and phase solubility methods. <i>Supramolecular Chemistry</i> , <b>2011</b> , 23, 527-532	1.8	12
177	Absorption properties of an inverted cucurbit[7]uril-based porous coordination polymer induced by [ZnCl <sub>4</sub> ] <sup>2-</sup> anions. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 72, 50-53	3.1	12

- 176 A supramolecular fluorescent probe based on cucurbit[10]uril for sensing the pesticide dodine. *Chinese Chemical Letters*, **2021**, 32, 367-370 8.1 12
- 175 Supramolecular Assemblies of Cucurbit[10]uril Based on Outer Surface Interactions. *Australian Journal of Chemistry*, **2017**, 70, 637 1.2 11
- 174 Endo/exo binding of alkyl and aryl diammonium ions by cyclopentanocucurbit[6]uril. *Organic Chemistry Frontiers*, **2017**, 4, 1799-1805 5.2 11
- 173 Iron(III) bromide catalyzed bromination of 2-tert-butylpyrene and corresponding position-dependent aryl-functionalized pyrene derivatives. *RSC Advances*, **2015**, 5, 8835-8848 3.7 11
- 172 Involvement of unusual noncovalent interactions in the self-assembly of cucurbit[6]uril with [CdCl<sub>4</sub>]<sup>2-</sup> anions. *Chinese Chemical Letters*, **2016**, 27, 173-177 8.1 11
- 171 Host-guest complexes of some cucurbit[n]urils with the hydrochloride salts of some imidazole derivatives. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2009**, 64, 121-131 11
- 170 Studies of the interaction of tetramethylcucurbit[6]uril and 5,5'-dimethyl-2,2'-bipyridyl hydrochloride. *Journal of Molecular Modeling*, **2007**, 13, 1221-6 2 11
- 169 Amino acid recognition by a fluorescent chemosensor based on cucurbit[8]uril and acridine hydrochloride. *Analytica Chimica Acta*, **2020**, 1135, 142-149 6.6 11
- 168 Supramolecular Assembly Mediated by Metal Ions in Aqueous Solution and Its Application in Their Analysis. *Chemistry - A European Journal*, **2017**, 23, 10092-10099 4.8 10
- 167 Coordination of lanthanides in the inverted cucurbituril supramolecular assemblies formed in the presence of tetrachloride zincate anion: Potential applications for isolation of lighter lanthanides. *Polyhedron*, **2015**, 99, 147-155 2.7 10
- 166 1,3-Propanediammonium and 1,12-dodecanediammonium encapsulated in the cavity of symmetrical  $\beta$ , $\beta$ -tetramethyl-cucurbit[6]uril. *Supramolecular Chemistry*, **2015**, 27, 606-612 1.8 10
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62	Host-guest interaction of cucurbit[8]uril with oroxin A and its effect on the properties of oroxin A. <i>Beilstein Journal of Organic Chemistry</i> , <b>2020</b> , 16, 2332-2337	2.5	3
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50	Exclusion complexes of the HCl salts of benzidine and bis(4-aminophenyl) methane with two methyl-substituted cucurbiturils. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 2136	3.6	2
49	Cucurbit[8]uril-Assisted Nucleophilic Reaction: A Unique Supramolecular Approach for Cyanide Detection and Removal from Aqueous Solution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 55463-55469 <sup>2</sup>	9.5	2
48	A cucurbit[8]uril-based probe for the detection of the pesticide tricyclazole. <i>Dyes and Pigments</i> , <b>2022</b> , 199, 110076	4.6	2
47	Cucurbituril-assisted formation of tunable carbon dots from single organic precursors in water. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 224-230	5.2	2
46	Chromone@cucurbit[7]uril triggers the luminescence of lanthanides in water. <i>Journal of Materials Chemistry C</i> ,	7.1	2
45	Selective detection of Zn <sup>2+</sup> and Cd <sup>2+</sup> ions in water using a host-guest complex between chromone and Q[7]. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 2572-2576	8.1	2
44	Detection of the pesticide dodine using a cucurbit[10]uril-based fluorescent probe. <i>Microchemical Journal</i> , <b>2021</b> , 167, 106309	4.8	2
43	Host-guest interaction tailored cucurbit[6]uril-based supramolecular organic frameworks (SOFs) for drug delivery. <i>Chinese Chemical Letters</i> , <b>2021</b> ,	8.1	2
42	A new cucurbit[10]uril-based AIE fluorescent supramolecular polymer for cellular imaging. <i>Materials Chemistry Frontiers</i> ,	7.8	2
41	Two-step, Sequential, Efficient, Artificial Light-harvesting Systems Based on Twisted Cucurbit[13]uril for Manufacturing White Light Emission Materials. <i>Chemical Engineering Journal</i> , <b>2022</b> , 136954	14.7	2
40	Supramolecular self-assemblies of inverted cucurbit[7]uril with biogenic amines. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 407-412	3.6	1
39	Yttrium and lanthanide (Ln = La and Gd) complexes with cucurbit[10]uril: crystals transforming from supramolecular frameworks to coordination nanotubes. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 18208-18215 <sup>3,6</sup>	3.6	1
38	trans-4-[4-(Dimethylamino)styryl]-1-methylpyridinium iodide@cyclopentanocucurbit[6]uril as a fluorescent probe for anion recognition. <i>Journal of Chemical Sciences</i> , <b>2020</b> , 132, 1	1.8	1
37	Supramolecular Interactions of Bambus[6]urils with Quinoline and 6-Hydroxyisoquinoline Hydrochloride Salts. <i>ChemistrySelect</i> , <b>2018</b> , 3, 3848-3854	1.8	1
36	Gas chromatography-mass spectrometry analysis of volatile compounds from Pogostemon Cablin extracted by solid-phase microextraction using novel cucurbit[7]uril-based coordination nanotubular polymer coating. <i>Supramolecular Chemistry</i> , <b>2016</b> , 28, 835-841	1.8	1
35	Coordination of lanthanide cations to cucurbituril and supramolecular self-assembly in the absence and presence of polychloridometallate ions. <i>Supramolecular Chemistry</i> , <b>2016</b> , 28, 792-800	1.8	1
34	Interaction of pesticide pyroquilon with two different cucurbit[n]uril. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2019</b> , 95, 207-213	1.7	1
33	Encapsulation of 2,2'-(decane-1,10-diyl)-diisoquinoline into cucurbit[6]uril and $\beta$ -cyclodextrin-tetramethyl-cucurbit[6]uril: formation of pseudorotaxanes and polypseudorotaxanes	1.8	1

32	Interaction between tetramethylcucurbit[6]uril with Furaldehyde-isonicotinyl-hydrazone hydrochloride. <i>Supramolecular Chemistry</i> , <b>2012</b> , 24, 392-398	1.8	1
31	Selective recognition of aluminum ions using an esculetin@Q[8] host-guest supramolecular fluorescent probe. <i>New Journal of Chemistry</i> , <b>2021</b> , 46, 97-102	3.6	1
30	Specific Recognition of Methanol Using a Symmetric Tetramethylcucurbit[6]uril-Based Porous Supramolecular Assembly Incorporating Adsorbed Dyes. <i>Australian Journal of Chemistry</i> , <b>2020</b> , 73, 1065	1.2	1
29	TMeQ[6]-based supramolecular frameworks assembled through outer surface interactions and their potential applications. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 16497-16509	4.3	1
28	Thorium(IV) and uranium(IV) complexes with cucurbit[8]uril: Supramolecular structures via direct coordination and second-shell interactions. <i>Polyhedron</i> , <b>2020</b> , 192, 114826	2.7	1
27	Selective recognition of tryptophan by a methylpillar[5]arene-based supramolecular fluorescent probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 250, 119381	4.4	1
26	Cucurbit[n]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15294-15319	3.6	1
25	Highly selective absorption of polychloromethanes in perhydroxylated cucurbit[6]uril-based supramolecular assemblies. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 802-806	3.6	1
24	A recyclable cucurbit[6]uril-supported silicotungstic acid catalyst used in the esterification reaction. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 523, 120418	2.7	1
23	Multiple Stimuli-Responsive Supramolecular Hydrogels Constructed by Decamethylcucurbit[5]uril-para-phenylenediamine Exclusion Complex. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2100431	4.8	1
22	Separation of phenylenediamine isomers by using decamethylcucurbit[5]uril. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 2754-2759	3.6	1
21	Twisted cucurbit[14]uril: A new type of CTE macrocycle for Fe sensing. <i>Microchemical Journal</i> , <b>2022</b> , 178, 107364	4.8	1
20	Ultrasensitive sensor for L-penicillamine with chirality-induced amplification of benzo[3]uril electrochemiluminescence via supramolecular interactions. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 362, 131801	8.5	1
19	Capture and Release of [PdCl <sub>4</sub> ] <sup>2-</sup> by TMeQ[6]-Based Supramolecular Frameworks Assembled via the Outer Surface Interaction of Q[n]s. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 747-750	3.5	1
18	An efficient supramolecular artificial light-harvesting system based on twisted cucurbit[15]uril and cucurbit[10]uril for live cell imaging. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 366, 132006	8.5	1
17	Synthesis, Adsorption, and Recognition Properties of a Solid Symmetric Tetramethylcucurbit[6]uril-Based Porous Supramolecular Framework. <i>Journal of Chemistry</i> , <b>2020</b> , 2020, 1-10	2.3	0
16	Preparation and adsorption properties of a facile solid cucurbit[8]uril-based porous supramolecular assembly. <i>Journal of Chemical Research</i> , <b>2019</b> , 43, 412-418	0.6	0
15	Clustering emission of cucurbit[n]urils in the solid- and solution-state induced by the outer surface interactions of cucurbit[n]urils.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 272, 121015	4.4	0

14	"Turn-Off" Supramolecular Fluorescence Array Sensor for Heavy Metal Ion Identification. <i>ACS Omega</i> , <b>2021</b> , 6, 31229-31235	3.9	○
13	Host-guest interaction and properties of cucurbit[8]uril with chloramphenicol.. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 2832-2839	2.5	○
12	The binding behaviours between cyclopentanocucurbit[6]uril and three amino acids. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 202120	3.3	○
11	Controllable Synthesis of Dodecamethylcucurbit[6]uril and Its Application in Separating Phenylenediamine Isomers. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 2993-2999	3.5	○
10	The pH and mercury ion stimuli-responsive supramolecular assemblies of cucurbit[7]uril and Hoechst 33342. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 254, 119656-119664	4.4	○
9	Pseudorotaxanes Constructed from Cucurbit uril and Linear Bispyridinium Ethylene Derivatives. <i>ChemistrySelect</i> , <b>2019</b> , 4, 12891-12896	1.8	○
8	Controllable synthesis of Co nanoparticles with the assistance of cucurbit[6]uril and its efficient photoelectrochemical catalysis in water splitting on a g-C <sub>3</sub> N <sub>4</sub> photoanode. <i>New Journal of Chemistry</i> , <b>2022</b> , 46, 6738-6746	3.6	○
7	Cucurbit [ ]uril-based porous polymer material for removing organic micropollutants in water. <i>Microporous and Mesoporous Materials</i> , <b>2022</b> , 112023	5.3	○
6	The fluorescence of a mercury probe based on osthol. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 22-27	2.5	
5	Selective Identification of Phenylalanine Using Cucurbit[7,8]uril-Based Fluorescent Probes. <i>Australian Journal of Chemistry</i> , <b>2021</b> , 74, 221	1.2	
4	Study on the interactions between melamine-cored Schiff bases with cucurbit[]urils of different sizes and its application in detecting silver ions.. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 2950-2958	2.5	
3	Construction of a Supramolecular Fluorescence Sensor from Water-soluble Pillar[5]arene and 1-Naphthol for Recognition of Metal Ions. <i>ChemistrySelect</i> , <b>2021</b> , 6, 13265-13269	1.8	
2	A study of the inclusion complex formed between cucurbit[8]uril and isonicotinic acid. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1	1.7	
1	A study of the inclusion complex formed between cucurbit[7]uril and 1-[4-(dimethylamino)phenyl]-ethanone. <i>Polyhedron</i> , <b>2022</b> , 115938	2.7	