Zhu Tao

List of Publications by Year in Descending Order

283 papers	4,628 citations	30 h-index	54 g-index
303 ext. papers	5,543 ext. citations	4.5 avg, IF	5.68 L-index

#	Paper	IF	Citations
283	Clustering emission of cucurbit[n]urils in the solid- and solution-state induced by the outer surface interactions of cucurbit[n]urils.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 272, 121015	4.4	0
282	A cucurbit[8]uril-based probe for the detection of the pesticide tricyclazole. *Dyes and Pigments*, **2022**, 199, 110076	4.6	2
281	Controllable synthesis of Co nanoparticles with the assistance of cucurbit[6]uril and its efficient photoelectrochemical catalysis in water splitting on a g-C3N4 photoanode. *New Journal of Chemistry*, **2022**, 46, 6738-6746	3.6	0
280	A Twisted Cucurbit[14]Uril-Based Fluorescent Supramolecular Polymer Mediated by Metal Ion. *Macromolecules*, **2022**, 55, 1642-1646	5.5	3
279	Twisted cucurbit[14]uril: A new type of CTE macrocycle for Fe sensing. *Microchemical Journal*, **2022**, 178, 107364	4.8	1
278	Ultrasensitive sensor for L-penicillamine with chirality-induced amplification of benzo[3]uril electrochemiluminescence via supramolecular interactions. *Sensors and Actuators B: Chemical*, **2022** , 362, 131801	8.5	1
277	Capture and Release of [PdCl4]2□by TMeQ[6]-Based Supramolecular Frameworks Assembled via the Outer Surface Interaction of Q[n]s. *Crystal Growth and Design*, **2022**, 22, 747-750	3.5	1
276	Two-step, Sequential, Efficient, Artificial Light-harvesting Systems Based on Twisted Cucurbit[13]uril for Manufacturing White Light Emission Materials. *Chemical Engineering Journal*, **2022**, 136954	14.7	2
275	An efficient supramolecular artificial light-harvesting system based on twisted cucurbit[15]uril and cucurbit[10]uril for live cell imaging. *Sensors and Actuators B: Chemical*, **2022**, 366, 132006	8.5	1
274	A study of the inclusion complex formed between cucurcubit[7]uril and 1-[4-(dimethylamino)phenyl]-ethanone. *Polyhedron*, **2022**, 115938	2.7	
273	Progress in host□guest macrocycle/pesticide research: Recognition, detection, release and application. *Coordination Chemistry Reviews*, **2022**, 467, 214580	23.2	4
272	Cucurbit [ ]uril-based porous polymer material for removing organic micropollutants in water. *Microporous and Mesoporous Materials*, **2022**, 112023	5.3	0
271	Selective recognition of aluminum ions using an esculetin@Q[8] host□guest supramolecular fluorescent probe. *New Journal of Chemistry*, **2021**, 46, 97-102	3.6	1
270	"Turn-Off" Supramolecular Fluorescence Array Sensor for Heavy Metal Ion Identification. *ACS Omega*, **2021**, 6, 31229-31235	3.9	0
269	Controllable fabrication of a supramolecular polymer incorporating twisted cucurbit[14]uril and cucurbit[8]uril via self-sorting. *Chinese Chemical Letters*, **2021**,	8.1	4
268	Cucurbit[8]uril-Assisted Nucleophilic Reaction: A Unique Supramolecular Approach for Cyanide Detection and Removal from Aqueous Solution. *ACS Applied Materials & Interfaces*, **2021**, 13, 55463-55469	9.5	2
267	Host-guest interaction and properties of cucurbit[8]uril with chloramphenicol.. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 2832-2839	2.5	0

266	tQ[14]-based AIE supramolecular network polymers as potential bioimaging agents for the detection of Fe3+ in live HeLa cells. *Sensors and Actuators B: Chemical*, **2021**, 354, 131189	8.5	4
265	Detecting Pesticide Dodine by Displacement of Fluorescent Acridine from Cucurbit[10]uril Macrocycle. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 584-591	5.7	16
264	The binding behaviours between cyclopentanocucurbit[6]uril and three amino acids. *Royal Society Open Science*, **2021**, 8, 202120	3.3	0
263	Supramolecular Frameworks Constructed by Exclusion Complexes of Symmetric Dicyclohexanocucurbit[6]uril with Benzene Ring-Containing Guests. *Crystal Growth and Design*, **2021**, 21, 2977-2985	3.5	3
262	Selective recognition of tryptophan by a methylpillar[5]arene-based supramolecular fuorescent probe. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 250, 119381	4.4	1
261	Controllable Synthesis of Dodecamethylcucurbit[6]uril and Its Application in Separating Phenylenediamine Isomers. *Crystal Growth and Design*, **2021**, 21, 2993-2999	3.5	0
260	Polymeric self-assembled cucurbit[n]urils: Synthesis, structures and applications. *Coordination Chemistry Reviews*, **2021**, 434, 213733	23.2	20
259	The pH and mercury ion stimuli-responsive supramolecular assemblies of cucurbit[7]uril and Hoechst 33342. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 254, 119656	4.4	0
258	Cucurbit[n]uril/metal ion complex-based frameworks and their potential applications. *Coordination Chemistry Reviews*, **2021**, 437, 213741	23.2	4
257	Cucurbit[n]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. *Angewandte Chemie - International Edition*, **2021**, 60, 15166-15191	16.4	33
256	Cucurbit[n]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. *Angewandte Chemie*, **2021**, 133, 15294-15319	3.6	1
255	Cucurbit[n]uril-calix[n]arene-based supramolecular frameworks assembled using the outer surface interactions of cucurbit[n]urils. *Chinese Chemical Letters*, **2021**, 32, 375-379	8.1	5
254	Cucurbit[6]uril-based supramolecular frameworks assembled via the outer surface interaction of cucurbit[n]urils. *Chinese Chemical Letters*, **2021**, 32, 362-366	8.1	5
253	A supramolecular fluorescent probe based on cucurbit[10]uril for sensing the pesticide dodine. *Chinese Chemical Letters*, **2021**, 32, 367-370	8.1	12
252	Cucurbituril-assisted formation of tunable carbon dots from single organic precursors in water. *Organic Chemistry Frontiers*, **2021**, 8, 224-230	5.2	2
251	The fluorescence of a mercury probe based on osthol. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 22-27	2.5	
250	Pyridine Detection Using Supramolecular Organic Frameworks Incorporating Cucurbit[10]uril. *ACS Applied Materials & Interfaces*, **2021**, 13, 7434-7442	9.5	19
249	Selective detection of Zn2+ and Cd2+ ions in water using a host-guest complex between chromone and Q[7]. *Chinese Chemical Letters*, **2021**, 32, 2572-2576	8.1	2

248	A recyclable cucurbit[6]uril-supported silicotungstic acid catalyst used in the esterification reaction. *Inorganica Chimica Acta*, **2021**, 523, 120418	2.7	1
247	Detection of the pesticide dodine using a cucurbit[10]uril-based fluorescent probe. *Microchemical Journal*, **2021**, 167, 106309	4.8	2
246	Host-guest interaction tailored cucurbit[6]uril-based supramolecular organic frameworks (SOFs) for drug delivery. *Chinese Chemical Letters*, **2021**,	8.1	2
245	Multiple Stimuli-Responsive Supramolecular Hydrogels Constructed by Decamethylcucurbit[5]uril-para-phenylenediamine Exclusion Complex. *Macromolecular Rapid Communications*, **2021**, 42, e2100431	4.8	1
244	Selective Identification of Phenylalanine Using Cucurbit[7,8]uril-Based Fluorescent Probes. *Australian Journal of Chemistry*, **2021**, 74, 221	1.2	
243	Separation of phenylenediamine isomers by using decamethylcucurbit[5]uril. *New Journal of Chemistry*, **2021**, 45, 2754-2759	3.6	1
242	Study on the interactions between melamine-cored Schiff bases with cucurbit[]urils of different sizes and its application in detecting silver ions.. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 2950-2958	2.5	
241	Construction of a Supramolecular Fluorescence Sensor from Water-soluble Pillar[5]arene and 1-Naphthol for Recognition of Metal Ions. *ChemistrySelect*, **2021**, 6, 13265-13269	1.8	
240	Yttrium and lanthanide (Ln = La and Gd) complexes with cucurbit[10]uril: crystals transforming from supramolecular frameworks to coordination nanotubes. *New Journal of Chemistry*, **2020**, 44, 18208-18215	3.6	1
239	Self-assembled tetramethyl cucurbit[6]uril–polyoxometalate nanocubes as efficient and recyclable catalysts for the preparation of propyl gallate. *New Journal of Chemistry*, **2020**, 44, 11895-11900	3.6	4
238	Voltammetric Detection of Catechol and Dopamine Based on a Supramolecular Composite Prepared from Multifarene[3,3] and Reduced Graphene Oxide. *Electroanalysis*, **2020**, 32, 1449-1458	3	5
237	A flexible tripod fluorescent probe for multiple cations detection and its application in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 240, 118614	4.4	5
236	Supramolecular assemblies controlled by cucurbit[n]uril size (n = 6, 7, 8 and 10). *New Journal of Chemistry*, **2020**, 44, 4311-4318	3.6	4
235	A fluorescent probe based on cucurbit[7]uril for the selective recognition of phenylalanine. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 233, 118177	4.4	5
234	Selective Recovery and Detection of Gold with Cucurbit[]urils (= 5-7). *Inorganic Chemistry*, **2020**, 59, 3850-3855	5.1	12
233	The interaction between cucurbit[8]uril and baicalein and the effect on baicalein properties. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 71-77	2.5	3
232	A highly selective fluorescent chemosensor probe for detection of Fe3+ and Ag+ based on supramolecular assembly of cucurbit[10]uril with a pyrene derivative. *Dyes and Pigments*, **2020**, 176, 108235	4.6	23
231	pH-stimulus response dye-cucurbituril sensor for amino acids in aqueous solution. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 230, 118076	4.4	6

230	Synthesis, Adsorption, and Recognition Properties of a Solid Symmetric Tetramethylcucurbit[6]uril-Based Porous Supramolecular Framework. *Journal of Chemistry*, **2020**, 2020, 1-10	2.3	0
229	Study on the Interaction and Properties of Cucurbit[8]uril with Oroxin B. *Chemical Research in Chinese Universities*, **2020**, 36, 804-809	2.2	8
228	A Study of the Interaction between Cucurbit[7]uril and Alkyl Substituted 4-Pyrrolidinopyridinium Salts. *Chemistry*, **2020**, 2, 262-273	2.1	2
227	trans-4-[4-(Dimethylamino)styryl]-1-methylpyridinium iodide@cyclopentanocucurbit[6]uril as a fluorescent probe for anion recognition. *Journal of Chemical Sciences*, **2020**, 132, 1	1.8	1
226	Specific Recognition of Methanol Using a Symmetric Tetramethylcucurbit[6]uril-Based Porous Supramolecular Assembly Incorporating Adsorbed Dyes. *Australian Journal of Chemistry*, **2020**, 73, 1065	1.2	1
225	The high selective chemo-sensors for TNP based on the mono- and di-substituted multifarene[2,2] with different fluorescence quenching mechanism. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 226, 117583	4.4	8
224	Thorium(iv) and uranium(vi) compounds of cucurbit[10]uril: from a one-dimensional nanotube to a supramolecular framework. *Dalton Transactions*, **2020**, 49, 404-410	4.3	7
223	Selective recognition and determination of phenylalanine by a fluorescent probe based on cucurbit[8]uril and palmatine. *Analytica Chimica Acta*, **2020**, 1104, 164-171	6.6	7
222	A high-sensitive sensor with HEPES-enhanced electrochemiluminescence of benzo[3]uril for Fe and its application in human serum. *Analyst, The*, **2020**, 145, 1810-1816	5	3
221	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
220	Host-guest interaction of cucurbit[8]uril with oroxin A and its effect on the properties of oroxin A. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 2332-2337	2.5	3
219	Synthesis of dibenzo[a,j]phenazine compounds using hemicucurbit[6]uril-catalyzed oxidative dimerization of 2-arylamines. *ChemCatChem*, **2020**, 12, 5727-5732	5.2	3
218	Recognition of Lanthanide Metal Cations by t-DSMI@Alkyl-Substituted Cucurbit[6]uril Probes. *ChemistrySelect*, **2020**, 5, 8649-8655	1.8	4
217	TMeQ[6]-based supramolecular frameworks assembled through outer surface interactions and their potential applications. *Journal of Materials Science*, **2020**, 55, 16497-16509	4.3	1
216	Thorium(IV) and uranium(IV) complexes with cucurbit[8]uril: Supramolecular structures via direct coordination and second-shell interactions. *Polyhedron*, **2020**, 192, 114826	2.7	1
215	Specific Recognition of Hg2+ and other Cations by a Hoechst33258@inverted Cucurbit[7]uril Fluorescence Probe Using Different pH Media. *ChemistrySelect*, **2019**, 4, 9433-9439	1.8	2
214	Study of the host□guest interaction between N,N?-bis[4-(dimethylaminophenyl)methyl]butane-1,4-diamine and the cucuribit[n]urils (n = 6, 7). *New Journal of Chemistry*, **2019**, 43, 14938-14943	3.6	2
213	Supramolecular self-assemblies of inverted cucurbit[7]uril with biogenic amines. *New Journal of Chemistry*, **2019**, 43, 407-412	3.6	1

212	Specific recognition of formaldehyde by a cucurbit[10]uril-based porous supramolecular assembly incorporating adsorbed 1,8-diaminonaphthalene. *Journal of Materials Chemistry C*, **2019**, 7, 1597-1603	7.1	23
211	Controlled Encapsulation and Release of an Organic Guest in the Cavity of ⍰,⍰-Tetramethylcucurbit[6]uril. *European Journal of Organic Chemistry*, **2019**, 2019, 1503-1507	3.2	3
210	Porous supramolecular assemblies and functional properties of perhydroxylated cucurbit[6]uril and polyoxometallates. *New Journal of Chemistry*, **2019**, 43, 10297-10304	3.6	9
209	A hemicyanine and cucurbit[n]uril inclusion complex: competitive guest binding of cucurbit[7]uril and cucurbit[8]uril. *Supramolecular Chemistry*, **2019**, 31, 457-465	1.8	4
208	Electrochemiluminescence response of a benzouril-constructed electrode to bipyridyl herbicides. *New Journal of Chemistry*, **2019**, 43, 6179-6185	3.6	6
207	Supramolecular Fluorescence Probe Based on Twisted Cucurbit[14]uril for Sensing Fungicide Flusilazole. *Frontiers in Chemistry*, **2019**, 7, 154	5	9
206	Recognition of silver cations by multifarene[2,2] chemosensors with unexpected fluorescence response. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 218, 213-220	4.4	3
205	Alkyl substituted 4-pyrrolidinopyridinium salts encapsulated in the cavity of cucurbit[10]uril. *New Journal of Chemistry*, **2019**, 43, 7028-7034	3.6	6
204	Preparation and adsorption properties of a facile solid cucurbit[8]uril-based porous supramolecular assembly. *Journal of Chemical Research*, **2019**, 43, 412-418	0.6	0
203	Cucurbit[8]uril-improved recognition using a fluorescent sensor for different metal cations. *Supramolecular Chemistry*, **2019**, 31, 616-624	1.8	4
202	Applications of macrocyclic compounds for electrochemical sensors to improve selectivity and sensitivity. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2019**, 95, 171-198	1.7	12
201	Interaction of pesticide pyroquilon with two different cucurbit[n]uril. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2019**, 95, 207-213	1.7	1
200	Host-guest interactions in --cucurbit[10]uril: novel guest-dependent molecular recognition and stereoisomerism. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 1705-1711	2.5	3
199	Identification of Ferric Ions Using a Palmatine@Q[8] Fluorescent Probe. *ChemistrySelect*, **2019**, 4, 8344-8349	1.8	4
198	Recognition of Different Metal Cations by a trans-4-[4-(Dimethylamino)styryl]-1-methylpyridinium Iodide@Tetramethylcucurbit[6]uril Probe. *European Journal of Inorganic Chemistry*, **2019**, 2019, 1212-1219	2.3	4
197	Outer surface interactions to drive cucurbit[8]uril-based supramolecular frameworks: possible application in gold recovery. *Chemical Communications*, **2019**, 55, 14271-14274	5.8	15
196	Pseudorotaxanes Constructed from Cucurbit uril and Linear Bispyridinium Ethylene Derivatives. *ChemistrySelect*, **2019**, 4, 12891-12896	1.8	0
195	Lanthanoid Heteroleptic Complexes with Cucurbit[5]uril and Dicarboxylate Ligands: From Discrete Structures to One-Dimensional and Two-Dimensional Polymers. *Inorganic Chemistry*, **2019**, 58, 506-515	5.1	8

194	Supramolecular coordination assemblies of 1,2,3-hexamethylcucurbit[5]uril with alkali metal ions based on the outer-surface interactions of cucurbit[n]urils. *Journal of Molecular Structure*, **2019**, 1181, 220-227	3.4	4
193	A Study of the Interaction Between Cucurbit[8]uril and Alkyl-Substituted 4-Pyrrolidinopyridinium Salts. *Chemistry - an Asian Journal*, **2019**, 14, 235-242	4.5	14
192	Supramolecular drug inclusion complex constructed from cucurbit[7]uril and the hepatitis B drug Adefovir. *Supramolecular Chemistry*, **2019**, 31, 260-267	1.8	5
191	Facile preparation and application of luminescent cucurbit[10]uril-based porous supramolecular frameworks. *Sensors and Actuators B: Chemical*, **2019**, 283, 290-297	8.5	27
190	Supramolecular Interactions of Bambus[6]urils with Quinoline and 6-Hydroxyisoquinoline Hydrochloride Salts. *ChemistrySelect*, **2018**, 3, 3848-3854	1.8	1
189	Single and Double Binding of 1,10-Phenanthroline and 4,7-Dimethyl-1,10-phenanthroline to HMeQ[7]: Contrasting pKa Shifts Induced by HMeQ[7]. *ChemistrySelect*, **2018**, 3, 1335-1341	1.8	2
188	A study of the inclusion of 1-hexyl-4-(4-pyridyl)pyridinium bromide in cucurbit[6]uril. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2018**, 90, 357-363	1.7	7
187	Inclusion Complexes of Hymexazol with Three Different Cucurbit[n]uril: Preparation, and Physicochemical and Antifungal Characterization. *Israel Journal of Chemistry*, **2018**, 58, 466-471	3.4	4
186	Size Effect of Multifarenes on Host-Guest Interactions with Naphthylamines and Naphthols. *ChemistrySelect*, **2018**, 3, 4705-4711	1.8	7
185	Functional group transformation from amines to aldehydes via IBX oxidation. *Chemical Papers*, **2018**, 72, 661-667	1.9	2
184	Study on the Binding Interaction of the □,□-Tetramethylcucurbit[6]uril With Biogenic Amines in Solution and the Solid State. *Frontiers in Chemistry*, **2018**, 6, 289	5	6
183	Host-Guest Interaction of Cucurbit[8]uril with N-(3-Aminopropyl)cyclohexylamine: Cyclohexyl Encapsulation Triggered Ternary Complex. *Molecules*, **2018**, 23,	4.8	5
182	Alkaline earth cation-mediated photoluminescent complexes of thioflavin T with twisted cucurbit[14]uril. *New Journal of Chemistry*, **2018**, 42, 9244-9251	3.6	6
181	Solvent- and Heat-Dependent Binding Behaviors of HMeQ[6] with Alkyldiammonium Ions. *ChemistrySelect*, **2018**, 3, 9211-9217	1.8	3
180	Hexamethylcucurbit[3,3]uril-Based Porous Supramolecular Assemblies and Their Adsorption Properties. *ACS Omega*, **2018**, 3, 9827-9833	3.9	4
179	A stimuli-responsive supramolecular assembly between inverted cucurbit[7]uril and hemicyanine dye. *New Journal of Chemistry*, **2018**, 42, 15420-15426	3.6	7
178	Coordination and Supramolecular Assemblies of Fully Substituted Cyclopentanocucurbit[6]uril with Lanthanide Cations in the Presence of Tetrachlorozincate Anions, and Their Potential Applications. *Inorganic Chemistry*, **2018**, 57, 7412-7419	5.1	13
177	Development of a Sub-group of the Cucurbituril Family, Hemicucurbiturils: Synthesis and Supramolecular Chemistry. *Mini-Reviews in Organic Chemistry*, **2018**, 15, 274-282	1.7	6

176	Highly selective absorption of polychloromethanes in perhydroxylated cucurbit[6]uril-based supramolecular assemblies. *New Journal of Chemistry*, **2018**, 42, 802-806	3.6	1
175	Carboxymethyl-substituted benzo[3]uril and its application in ion-pair recognition. *Sensors and Actuators B: Chemical*, **2018**, 254, 1182-1190	8.5	7
174	The recognition and electrochemiluminescence response of benzo[6]urils to polycyclic aromatic hydrocarbons. *New Journal of Chemistry*, **2018**, 42, 19893-19900	3.6	3
173	A study of the interaction between inverted cucurbit[6]uril and symmetric viologens. *New Journal of Chemistry*, **2018**, 42, 11085-11092	3.6	8
172	4-Sulfocalix[4]arene/Cucurbit[7]uril-Based Supramolecular Assemblies through the Outer Surface Interactions of Cucurbit[]uril. *ACS Omega*, **2018**, 3, 6665-6672	3.9	7
171	Thorium(IV) and Uranium(IV) Complexes with Cucurbit[5]uril. *Inorganic Chemistry*, **2018**, 57, 8588-8598	5.1	6
170	A study of the interaction between inverted cucurbit[7]uril and symmetric viologens. *RSC Advances*, **2017**, 7, 461-467	3.7	13
169	Toxicity of hemimethyl-substituted cucurbit[7]uril. *Food and Chemical Toxicology*, **2017**, 108, 510-518	4.7	9
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	Supramolecular Assemblies of Cucurbit[10]uril Based on Outer Surface Interactions. *Australian Journal of Chemistry*, **2017**, 70, 637	1.2	11
166	Coordination and supramolecular assemblies of mono-hydroxylated octamethylcucurbit[6]uril with alkali and alkaline earth metal ions in the presence of polychloride cadmium anions. *CrystEngComm*, **2017**, 19, 4017-4024	3.3	13
165	Cucurbit[10]uril-Based Smart Supramolecular Organic Frameworks in Selective Isolation of Metal Cations. *Chemistry of Materials*, **2017**, 29, 5468-5472	9.6	34
164	Interaction of Cyclopentano Cucurbit[6]uril with Alkaline Earth Cations and Supramolecular Assemblies with Aid of [ZnCl4]2□*ChemistrySelect*, **2017**, 2, 4360-4363	1.8	7
163	Inverted cucurbit[6]uril supramolecular assemblies formed in the presence of tetrachlorozincate anions. *Journal of Molecular Structure*, **2017**, 1146, 402-408	3.4	9
162	Endo/exo binding of alkyl and aryl diammonium ions by cyclopentanocucurbit[6]uril. *Organic Chemistry Frontiers*, **2017**, 4, 1799-1805	5.2	11
161	Supramolecular coordination assemblies of a symmetrical octamethyl-substituted cucurbituril with alkali metal ions based on the outer-surface interactions of cucurbit[n]urils. *CrystEngComm*, **2017**, 19, 2464-2474	3.3	15
160	Host-guest complexation of cucurbit[8]uril with two enantiomers. *Scientific Reports*, **2017**, 7, 44717	4.9	7
159	Supramolecular assembly of cucurbit[6]uril and N-butyl-4-pyrrolidinopyridine. *Supramolecular Chemistry*, **2017**, 29, 680-685	1.8	8

158	Alkyl Substituted Cucurbit[6]uril Assisted Competitive Fluorescence Recognition of Lysine and Methionine in Aqueous Solution. *ChemistrySelect*, **2017**, 2, 2569-2573	1.8	15
157	Supramolecular complexes of □,□-tetramethyl-cucurbit[6]uril binding with enantiomeric amino acids. *CrystEngComm*, **2017**, 19, 2168-2171	3.3	14
156	Tetramethylcucurbit[6]uril-triggered fluorescence emission and its application for recognition of rare earth cations. *Sensors and Actuators B: Chemical*, **2017**, 243, 1102-1108	8.5	14
155	Outer Surface Interactions of Cucurbit[6]uril That Trigger the Assembly of Supramolecular Three-Dimensional Polycatenanes. *Chemistry - A European Journal*, **2017**, 23, 2759-2763	4.8	20
154	Crystal structure analysis of twisted cucurbit [14]uril conformations. *Inorganic Chemistry Communication*, **2017**, 86, 49-53	3.1	20
153	Multiple Efficient Fluorescence Emission from Cucurbit[10]uril-[CdCl]-Based Pillared Diamond Porous Supramolecular Frameworks. *ACS Applied Materials & Interfaces*, **2017**, 9, 40760-40765	9.5	32
152	Synthesis of benzo[6]urils and their selective interactions with bipyridines. *New Journal of Chemistry*, **2017**, 41, 13051-13059	3.6	6
151	A New Member of the Inverted Cucurbit[n]uril Family. *Chemistry - A European Journal*, **2017**, 23, 16953-16956	4.8	8
150	Cucurbit[n]uril-based host–guest-metal ion chemistry: an emerging branch in cucurbit[n]uril chemistry. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2017**, 89, 1-14	1.7	18
149	Effects of inclusion of chrysin in cucurbit[8]uril on its stability, solubility and antioxidant potential. *Chemical Research in Chinese Universities*, **2017**, 33, 736-741	2.2	9
148	Binding and Selectivity of Essential Amino Acid Guests to the Inverted Cucurbit[7]uril Host. *ACS Omega*, **2017**, 2, 5633-5640	3.9	19
147	Multiple noncovalent interaction constructed polymeric supramolecular crystals: recognition of butyl viologen by para-dicyclohexanocucurbit[6]uril and □,□-tetramethylcucurbit[6]uril. *Organic Chemistry Frontiers*, **2017**, 4, 2422-2427	5.2	5
146	Development of hydroxylated cucurbit[n]urils, their derivatives and potential applications. *Coordination Chemistry Reviews*, **2017**, 348, 1-24	23.2	50
145	Adducts of aqua complexes of Ln3+ with a di-hydroxylated symmetrical octamethyl-substituted cucurbituril: potential applications for isolation of heavier lanthanides. *CrystEngComm*, **2017**, 19, 5635-5639	3.3	12
144	Stimuli-Responsive Supramolecular Assemblies between Twisted Cucurbit[14]uril and Hemicyanine Dyes and Their Analysis Application. *Journal of Physical Chemistry B*, **2017**, 121, 11119-11123	3.4	7
143	Mono-, Di-, and Tri-Hydroxylated Symmetrical Hexamethylcucurbit[3,3]uril and Allylated Derivatives. *European Journal of Organic Chemistry*, **2017**, 2017, 6980-6985	3.2	3
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