

Ying Huang

List of Publications by Year in descending order

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papers

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567281

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and separation of cucurbit[n]urils and their derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4335-4364.	2.8	141
2	Twisted Cucurbit[<i>n</i>]urils. <i>Organic Letters</i> , 2016, 18, 4020-4023.	4.6	120
3	Cucurbit[<i>n</i>]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15166-15191.	13.8	83
4	Determination of thiabendazole in aqueous solutions using a cucurbituril-enhanced fluorescence method. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 397-404.	1.6	30
5	Encapsulation of alkyldiammonium ions within two different cavities of twisted cucurbit[14]uril. <i>Chemical Communications</i> , 2016, 52, 2589-2592.	4.1	30
6	Hyperbranched supramolecular polymer constructed from twisted cucurbit[14]uril and porphyrin via host-guest interactions. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1144-1148.	4.5	27
7	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> , 2014, 4, 3348-3354.	3.6	26
8	A host-guest complexation based fluorescent probe for the detection of paraquat and diquat herbicides in aqueous solutions. <i>RSC Advances</i> , 2015, 5, 100316-100321.	3.6	26
9	A novel shell-like supramolecular assembly of 4,4'-bipyridyl derivatives and a twisted cucurbit[14]uril molecule. <i>Chemical Communications</i> , 2015, 51, 9999-10001.	4.1	25
10	Crystal structure analysis of twisted cucurbit [14]uril conformations. <i>Inorganic Chemistry Communication</i> , 2017, 86, 49-53.	3.9	24
11	Solubility enhancement of kinetin through host-guest interactions with cucurbiturils. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 61, 171-177.	1.6	22
12	Host-guest interactions of thiabendazole with normal and modified cucurbituril: ¹ H NMR, phase solubility and antifungal activity studies. <i>Supramolecular Chemistry</i> , 2015, 27, 386-392.	1.2	22
13	A Hemimethyl-Substituted Cucurbit[7]uril Derived from 3- \pm -Methyl-glycoluril. <i>Organic Letters</i> , 2015, 17, 5072-5075.	4.6	22
14	Supramolecular Recognition of Amino Acids by Twisted Cucurbit[14]uril. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2250-2254.	3.3	22
15	Host-guest interactions of 6-benzyladenine with normal and modified cucurbituril: ¹ H NMR, UV absorption spectroscopy and phase solubility methods. <i>Supramolecular Chemistry</i> , 2011, 23, 527-532.	1.2	16
16	A turn-on supramolecular fluorescent probe for sensing benzimidazole fungicides and its application in living cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 372-376.	3.9	16
17	Supramolecular Fluorescence Probe Based on Twisted Cucurbit[14]uril for Sensing Fungicide Flusilazole. <i>Frontiers in Chemistry</i> , 2019, 7, 154.	3.6	15
18	Improvement of antifungal activity of carboxin by inclusion complexation with cucurbit[8]uril. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 71, 583-587.	1.6	14

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19	Supramolecular Assembly Mediated by Metal Ions in Aqueous Solution and Its Application in Their Analysis. <i>Chemistry - A European Journal</i> , 2017, 23, 10092-10099.	3.3	14
20	Cucurbit[<i>n</i>]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. <i>Angewandte Chemie</i> , 2021, 133, 15294-15319.	2.0	14
21	Toxicity of hemimethyl-substituted cucurbit[7]uril. <i>Food and Chemical Toxicology</i> , 2017, 108, 510-518.	3.6	13
22	Stimuli-Responsive Supramolecular Assemblies between Twisted Cucurbit[14]uril and Hemicyanine Dyes and Their Analysis Application. <i>Journal of Physical Chemistry B</i> , 2017, 121, 11119-11123.	2.6	13
23	pH-stimulus response dye-cucurbituril sensor for amino acids in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 230, 118076.	3.9	12
24	Alkaline earth cation-mediated photoluminescent complexes of thioflavin T with twisted cucurbit[14]uril. <i>New Journal of Chemistry</i> , 2018, 42, 9244-9251.	2.8	11
25	A novel fluorescent indicator displacement assay for sensing the anticancer drug gefitinib. <i>Supramolecular Chemistry</i> , 2017, 29, 229-235.	1.2	10
26	Lab-on-a-Molecule Probe: Multitarget Detection of Five Aromatic Pesticides Using a Supramolecular Probe under Single Wavelength Excitation. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5784-5793.	5.2	9
27	“Turn-Off” Supramolecular Fluorescence Array Sensor for Heavy Metal Ion Identification. <i>ACS Omega</i> , 2021, 6, 31229-31235.	3.5	8
28	Voltammetric studies of the interaction of 6-mercaptopurine with cucurbit[7]uril and DNA. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 131-137.	1.6	7
29	Host-guest assembly of H33258 dye in cucurbit[7]uril and specific recognition for HPO ₄ ²⁻ anion. <i>Inorganic Chemistry Communication</i> , 2019, 108, 107514.	3.9	7
30	Host-Guest Complexes of <i>l</i> -Borneol with Cucurbituril and Cyclodextrin and Its Potential Use in Analysis of Drugs. <i>ChemistrySelect</i> , 2019, 4, 6924-6929.	1.5	7
31	Encapsulation of adefovir bis(<i>l</i> -leucine propyl)ester pro-virucide in cucurbit[7]uril and its activity against tobacco mosaic virus. <i>Supramolecular Chemistry</i> , 2013, 25, 166-172.	1.2	6
32	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> , 2021, 254, 119656.	3.9	6
33	Host-guest complexes of various cucurbit[<i>n</i>]urils with the hydrochloride salt of 2,4-diaminoazobenzene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 213-220.	1.6	5
34	Recognition of Lanthanide Metal Cations by <i>t</i> -DSMI-Alkyl-Substituted Cucurbit[6]uril Probes. <i>ChemistrySelect</i> , 2020, 5, 8649-8655.	1.5	5
35	Specific Recognition of Hg ²⁺ and other Cations by a Hoechst33258@inverted Cucurbit[7]uril Fluorescence Probe Using Different pH Media. <i>ChemistrySelect</i> , 2019, 4, 9433-9439.	1.5	4
36	Multiple Stimuli-Responsive Supramolecular Hydrogels Constructed by Decamethylcucurbit[5]uril- <i>para</i> -phenylenediamine Exclusion Complex. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100431.	3.9	4

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37	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> , 2022, 272, 121015.	3.9	4
38	Cooperative binding of an anticancer drug in a guest–host protein assembly. <i>Supramolecular Chemistry</i> , 2012, 24, 658-664.	1.2	2
39	Selective Identification of Phenylalanine Using Cucurbit[7,8]uril-Based Fluorescent Probes. <i>Australian Journal of Chemistry</i> , 2021, 74, 221.	0.9	0