

Xin-Long Ni

List of Publications by Year in descending order

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papers

2,735
citations

257450

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175258

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docs citations

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times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	Cucurbit[n]uril-based coordination chemistry: from simple coordination complexes to novel poly-dimensional coordination polymers. <i>Chemical Society Reviews</i> , 2013, 42, 9480.	38.1	354
2	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> , 2014, 47, 1386-1395.	15.6	353
3	Facile Cucurbit[8]uril-Based Supramolecular Approach To Fabricate Tunable Luminescent Materials in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2016, 138, 6177-6183.	13.7	268
4	Twisted Cucurbit[14]uril. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7252-7255.	13.8	267
5	Exploration of biocompatible AIEgens from natural resources. <i>Chemical Science</i> , 2018, 9, 6497-6502.	7.4	167
6	Assembly and Applications of Macrocyclic-Confinement-Derived Supramolecular Organic Luminescent Emissions from Cucurbiturils. <i>Chemical Reviews</i> , 2022, 122, 9032-9077.	47.7	157
7	Advances in the lanthanide metallosupramolecular chemistry of the cucurbit[n]urils. <i>Coordination Chemistry Reviews</i> , 2015, 287, 89-113.	18.8	106
8	Cucurbit[n]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15166-15191.	13.8	83
9	Construction of Cucurbit[7]uril Based Tubular Nanochannels Incorporating Associated [CdCl ₄] ²⁻ and Lanthanide Ions. <i>Inorganic Chemistry</i> , 2013, 52, 1909-1915.	4.0	63
10	White Light Emission from Cucurbituril-Based Host-Guest Interaction in the Solid State: New Function of the Macrocyclic Host. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13048-13052.	8.0	61
11	Cucurbit[10]uril-Based Smart Supramolecular Organic Frameworks in Selective Isolation of Metal Cations. <i>Chemistry of Materials</i> , 2017, 29, 5468-5472.	6.7	45
12	Multiple Efficient Fluorescence Emission from Cucurbit[10]uril-[Cd ₄ Cl ₁₆] ⁸⁻ -Based Pillared Diamond Porous Supramolecular Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40760-40765.	8.0	41
13	Supramolecular Polymerization with Dynamic Self-Sorting Sequence Control. <i>Macromolecules</i> , 2019, 52, 8814-8825.	4.8	40
14	An approach to networks based on coordination of alkyl-substituted cucurbit[5]urils and potassium ions. <i>CrystEngComm</i> , 2013, 15, 1994.	2.6	33
15	Click-modified hexahomotrioxacalix[3]arenes as fluorometric and colorimetric dual-modal chemosensors for 2,4,6-trinitrophenol. <i>Analytica Chimica Acta</i> , 2016, 936, 216-221.	5.4	33
16	Controllable fabrication of a supramolecular polymer incorporating twisted cucurbit[14]uril and cucurbit[8]uril via self-sorting. <i>Chinese Chemical Letters</i> , 2022, 33, 2455-2458.	9.0	29
17	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> , 2014, 53, 21-23.	4.0	28
18	pH-Switched fluorescent pseudorotaxane assembly of cucurbit[7]uril with bispyridinium ethylene derivatives. <i>Chinese Chemical Letters</i> , 2018, 29, 95-98.	9.0	27

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19	Cucurbit[10]uril-Encapsulated Cationic Porphyrins with Enhanced Fluorescence Emission and Photostability for Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2269-2276.	8.0	27
20	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
21	Twisted Schiff-base macrocycle showing excited-state intramolecular proton-transfer (ESIPT): assembly and sensing properties. <i>Chemical Communications</i> , 2020, 56, 2304-2307.	4.1	26
22	Fabrication of <i>nor-seco</i> -cucurbit[10]uril based supramolecular polymers <i>via</i> self-sorting. <i>Chemical Communications</i> , 2019, 55, 13836-13839.	4.1	25
23	Cucurbit[5]uril-metal complex-induced room-temperature phosphorescence of 1-naphthol and 2-naphthol. <i>Dalton Transactions</i> , 2013, 42, 2608-2615.	3.3	24
24	Anion Recognition Triggered Nanoribbon-Like Self-Assembly: A Fluorescent Chemosensor for Nitrate in Acidic Aqueous Solution and Living Cells. <i>Analytical Chemistry</i> , 2015, 87, 7461-7466.	6.5	22
25	Outer Surface Interactions of Cucurbit[6]uril That Trigger the Assembly of Supramolecular Three-Dimensional Polycatenanes. <i>Chemistry - A European Journal</i> , 2017, 23, 2759-2763.	3.3	22
26	Direct evidence of a blocking heavy atom effect on the water-assisted fluorescence enhancement detection of Hg ²⁺ based on a ratiometric chemosensor. <i>Dalton Transactions</i> , 2014, 43, 12633-12638.	3.3	21
27	Solvent-Switched Schiff-Base Macrocycles: Self-Sorting and Self-Assembly-Dependent Unconventional Organic Particles. <i>ACS Nano</i> , 2019, 13, 2840-2848.	14.6	21
28	Macrocycle-based metal ion complexation: a study of the lanthanide contraction effect towards hexacyclohexanocucurbit[6]uril. <i>CrystEngComm</i> , 2013, 15, 738-744.	2.6	20
29	Tuning the amphiphilicity of terpyridine-based fluorescent probe in water: Assembly and disassembly-controlled H ₂ S sensing, removal, and adsorption of H ₂ S. <i>Journal of Hazardous Materials</i> , 2020, 384, 121474.	12.4	20
30	Development of an AIE based fluorescent probe for the detection of nitrate anions in aqueous solution over a wide pH range. <i>RSC Advances</i> , 2016, 6, 6997-7001.	3.6	18
31	Cucurbit[7]uril-anchored polymer vesicles enhance photosensitization in the nucleus. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5966-5971.	5.8	16
32	Fluorescence visualization of cucurbit[8]uril-triggered dynamic host-guest assemblies. <i>Organic Chemistry Frontiers</i> , 2021, 8, 32-38.	4.5	16
33	A highly selective and sensitive fluorescent chemosensor for Hg ²⁺ based on a pyridine-appended π -conjugated ligand. <i>RSC Advances</i> , 2014, 4, 47000-47004.	3.6	15
34	Tunable organic particles: An efficient approach from solvent-dependent Schiff base macrocycles. <i>Chinese Chemical Letters</i> , 2021, 32, 3522-3525.	9.0	15
35	Two-step, sequential, efficient, artificial light-harvesting systems based on twisted cucurbit[14]uril for manufacturing white light emission materials. <i>Chemical Engineering Journal</i> , 2022, 446, 136954.	12.7	15
36	Host-guest interactions in <i>nor</i> - <i>seco</i> -cucurbit[10]uril: novel guest-dependent molecular recognition and stereoisomerism. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1705-1711.	2.2	14

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37	Cucurbit[<i>n</i>]uril-Based Supramolecular Frameworks Assembled through Outer-Surface Interactions. <i>Angewandte Chemie</i> , 2021, 133, 15294-15319.	2.0	14
38	Positive and negative allosteric effects of thiacalix[4]arene-based receptors having urea and crown-ether moieties. <i>RSC Advances</i> , 2015, 5, 14747-14755.	3.6	13
39	Cucurbit[8]uril-Assisted Nucleophilic Reaction: A Unique Supramolecular Approach for Cyanide Detection and Removal from Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55463-55469.	8.0	13
40	Organic core-shell-shaped micro/nanoparticles from twisted macrocycles in Schiff base reaction. <i>Chemical Science</i> , 2019, 10, 490-496.	7.4	12
41	Synthesis and evaluation of a novel ionophore based on a thiacalix[4]arene derivative bearing imidazole units. <i>New Journal of Chemistry</i> , 2014, 38, 6041-6049.	2.8	11
42	Synthesis of a ditopic homooxalix[3]arene for fluorescence enhanced detection of heavy and transition metal ions. <i>Supramolecular Chemistry</i> , 2015, 27, 501-507.	1.2	11
43	Cucurbituril-assisted formation of tunable carbon dots from single organic precursors in water. <i>Organic Chemistry Frontiers</i> , 2021, 8, 224-230.	4.5	11
44	A study of anion binding behaviour of 1,3-alternate thiacalix[4]arene-based receptors bearing urea moieties. <i>New Journal of Chemistry</i> , 2016, 40, 9245-9251.	2.8	10
45	Tunable fluorescent pseudorotaxane from axle-length-dependent cucurbit[7]uril complexation. <i>Dyes and Pigments</i> , 2020, 172, 107785.	3.7	9
46	Host-guest interaction tailored cucurbit[6]uril-based supramolecular organic frameworks (SOFs) for drug delivery. <i>Chinese Chemical Letters</i> , 2022, 33, 1529-1532.	9.0	9
47	Synthesis and inclusion behavior of a heterotritopic receptor based on hexahomotrioxalix[3]arene. <i>RSC Advances</i> , 2014, 4, 31469-31475.	3.6	7
48	Synthesis and inclusion properties of C ₃ -symmetric triazole derivatives based on hexahomotrioxalix[3]arene. <i>New Journal of Chemistry</i> , 2012, 36, 2580.	2.8	6
49	Host-Guest Interaction of Cucurbit[8]uril with N-(3-Aminopropyl)cyclohexylamine: Cyclohexyl Encapsulation Triggered Ternary Complex. <i>Molecules</i> , 2018, 23, 175.	3.8	6
50	An Air-Stable Organic Radical from a Controllable Photoinduced Domino Reaction of a Hexa-aryl Substituted Anthracene. <i>Journal of Organic Chemistry</i> , 2021, 86, 7359-7369.	3.2	5
51	A New Cationic Fluorescent Probe for HSO ₃ ²⁻ Based on Bisulfite Induced Aggregation Self-Assembly. <i>Molecules</i> , 2022, 27, 2378.	3.8	3
52	Cucurbit[8]uril triggered fluorescence visualization of concentration-dependent interconversion of supramolecular polymer and dimer assemblies. <i>Dyes and Pigments</i> , 2022, 203, 110335.	3.7	3
53	Tunable fluorescence emission for multi-color light-emitting diodes and voice-activated intelligent lighting applications. <i>Journal of Materials Chemistry C</i> , 0, .	5.5	3
54	Triphenylamine Derived Radical Cations for Colorimetric Cu ²⁺ Sensors and as an Antibacterial Agent. <i>ChemistrySelect</i> , 2022, 7, .	1.5	0