

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	6,457 citations	33 h-index	66 g-index
66 ext. papers	6,983 ext. citations	9.2 avg, IF	5.84 L-index

#	Paper	IF	Citations
60	Stimuli-responsive supramolecular polymeric materials. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 6042-65	58.5	1252
59	Self-healing supramolecular gels formed by crown ether based host-guest interactions. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7011-5	16.4	589
58	Supramolecular polymers constructed by crown ether-based molecular recognition. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 1621-36	58.5	540
57	A dual-responsive supramolecular polymer gel formed by crown ether based molecular recognition. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1905-9	16.4	423
56	Supramolecular polymers constructed from macrocycle-based host-guest molecular recognition motifs. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 1982-94	24.3	409
55	Pillar[6]arene-based photoresponsive host-guest complexation. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 8711-7	16.4	408
54	Metal coordination mediated reversible conversion between linear and cross-linked supramolecular polymers. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 1090-4	16.4	372
53	A crown ether appended super gelator with multiple stimulus responsiveness. <i>Advanced Materials</i> , <b>2012</b> , 24, 3191-5	24	244
52	Self-Healing Supramolecular Gels Formed by Crown Ether Based Host-Guest Interactions. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 7117-7121	3.6	189
51	Complexation between pillar[5]arenes and a secondary ammonium salt. <i>Organic Letters</i> , <b>2012</b> , 14, 1712-5	6.2	124
50	Self-assembly of triangular and hexagonal molecular necklaces. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 5908-11	16.4	121
49	Taco complex templated syntheses of a cryptand/paraquat [2]rotaxane and a [2]catenane by olefin metathesis. <i>Organic Letters</i> , <b>2009</b> , 11, 3350-3	6.2	108
48	Formation of linear main-chain polypseudorotaxanes with supramolecular polymer backbones via two self-sorting host-guest recognition motifs. <i>Chemical Communications</i> , <b>2009</b> , 4375-7	5.8	108
47	LCST-type phase behavior induced by pillar[5]arene/ionic liquid host-guest complexation. <i>Advanced Materials</i> , <b>2013</b> , 25, 6864-7	24	101
46	A novel pH-responsive supramolecular polymer constructed by pillar[5]arene-based host-guest interactions. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2019	4.9	96
45	A Dual-Responsive Supramolecular Polymer Gel Formed by Crown Ether Based Molecular Recognition. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1945-1949	3.6	89
44	Photoresponsive host-guest systems based on a new azobenzene-containing cryptand. <i>Organic Letters</i> , <b>2010</b> , 12, 2558-61	6.2	86

43	Metal Coordination Mediated Reversible Conversion between Linear and Cross-Linked Supramolecular Polymers. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 1108-1112	3.6	76
42	A hyperbranched, rotaxane-type mechanically interlocked polymer. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 4067-4073	2.5	62
41	Construction of muscle-like metallo-supramolecular polymers from a pillar[5]arene-based [c2]daisy chain. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 5734-5739	4.9	61
40	A dynamic [1]catenane with pH-responsiveness formed via threading-followed-by-complexation. <i>Chemical Communications</i> , <b>2013</b> , 49, 2512-4	5.8	60
39	Preparation of a Daisy Chain via Threading-Followed-by-Polymerization. <i>Macromolecules</i> , <b>2011</b> , 44, 9629-9634	5.3	53
38	Preparation of two new [2]rotaxanes based on the pillar[5]arene/alkane recognition motif. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 3668-3671	2	52
37	pH-responsive assembly and disassembly of a supramolecular cryptand-based pseudorotaxane driven by H <sub>2</sub> O stacking interaction. <i>Chemical Communications</i> , <b>2011</b> , 47, 9840-2	5.8	52
36	High-yield preparation of [2]rotaxanes based on the bis(m-phenylene)-32-crown-10-based cryptand/paraquat derivative recognition motif. <i>Organic and Biomolecular Chemistry</i> , <b>2008</b> , 6, 2103-7	3.9	51
35	Formation of a pillar[5]arene-based [3]pseudorotaxane in solution and in the solid state. <i>Chemical Communications</i> , <b>2013</b> , 49, 472-4	5.8	47
34	A benzo-21-crown-7/secondary ammonium salt [c2]daisy chain. <i>Organic Letters</i> , <b>2012</b> , 14, 306-9	6.2	46
33	Responsive reverse giant vesicles and gel from self-organization of a bolaamphiphilic pillar[5]arene. <i>Soft Matter</i> , <b>2013</b> , 9, 7314	3.6	45
32	Anion-assisted complexation of paraquat by cryptands based on bis(m-phenylene)-[32]crown-10. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 6088-98	4.8	45
31	Integrated motion of molecular machines in supramolecular polymeric scaffolds. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2395	4.9	42
30	Enzyme-responsive pillar[5]arene-based polymer-substituted amphiphiles: synthesis, self-assembly in water, and application in controlled drug release. <i>Chemical Communications</i> , <b>2015</b> , 51, 14901-4	5.8	41
29	A supramolecular polymer blend containing two different supramolecular polymers through self-sorting organization of two heteroditopic monomers. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 4195-9	4.8	40
28	Synthesis of a four-armed cage molecule and its pH-controlled complexation with paraquat. <i>Chemical Communications</i> , <b>2011</b> , 47, 10103-5	5.8	33
27	Preparation of Bis(m-phenylene)-32-crown-10-Based Cryptand/Bisparaquat [3]Rotaxanes with High Efficiency. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 6128-6133	3.2	32
26	Preparation of a Diblock Supramolecular Copolymer via Self-Sorting Organization. <i>Macromolecules</i> , <b>2012</b> , 45, 9070-9075	5.5	28

25	A Bis(m-phenylene)-32-crown-10/Paraquat [2]Rotaxane. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 1053-1057	3.2	28
24	Synthesis of a Bis(1,2,3-phenylene) Cryptand and Its Dual-Response Binding to Paraquat and Diquat. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 6804-6809	3.2	25
23	Synthesis of a Pillar[5]arene-Based Heteroditopic Host and Its Complexation with n-Octyltriethylammonium Salts. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 1209-1213	3.2	23
22	Site-Selective Binding of Peripheral Chiral Guests Induces Stereospecificity in AL Tetrahedral Anion Cages. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 6304-6311	16.4	22
21	A supramolecular polymer formed by the combination of crown ether-based and charge-transfer molecular recognition. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 882-886	4.9	22
20	Self-sorting of crown ether/secondary ammonium ion hetero-[c2]daisy chain pseudorotaxanes. <i>Organic Chemistry Frontiers</i> , <b>2014</b> , 1, 532-540	5.2	21
19	Assembly Pattern of Supramolecular Hydrogel Induced by Lower Critical Solution Temperature Behavior of Low-Molecular-Weight Gelator. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 448-455	16.4	20
18	Improved Pseudorotaxane and Catenane Formation from a Derivative of Bis(m-phenylene)-32-crown-10. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 6798-6803	3.2	18
17	Construction of supramolecular organogels and hydrogels from crown ether based unsymmetric bolaamphiphiles. <i>Chemical Communications</i> , <b>2014</b> , 50, 12142-5	5.8	17
16	Multiple Transformations among Anion-based AL Assemblies: Bicapped Trigonal Antiprism AL, Tetrahedron AL, and Triple Helicate AL (A = Anion). <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 21160-21168	16.4	16
15	Improved and Controlled Complexation of Paraquat Derivatives by the Formation of a Bis(m-phenylene)-26-Crown-8-Based Lariat Ether. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 5543-5547	3.2	14
14	Combating antibiotic resistance: current strategies for the discovery of novel antibacterial materials based on macrocycle supramolecular chemistry. <i>Giant</i> , <b>2021</b> , 100066	5.6	14
13	Construction and interconversion of anion-coordination-based (AnionO <sub>4</sub> ) grids and double helicates modulated by counter-cations. <i>Chemical Science</i> , <b>2019</b> , 10, 6278-6284	9.4	13
12	Luminescent Metallo-Supramolecular Polymers. <i>Chinese Journal of Chemistry</i> , <b>2019</b> , 37, 843-854	4.9	13
11	Benzo-21-crown-7/secondary ammonium salt [2]rotaxanes with fluoro/chlorocarbon blocking groups. <i>Organic Letters</i> , <b>2013</b> , 15, 3538-41	6.2	12
10	A new cryptand/paraquat [2]pseudorotaxane. <i>Science China Chemistry</i> , <b>2010</b> , 53, 858-862	7.9	9
9	Hierarchical self-assembly of crown ether based metal-carbene cages into multiple stimuli-responsive cross-linked supramolecular metallogel. <i>Science China Chemistry</i> , <b>2021</b> , 64, 1177-1183	7.9	7
8	Narcissistic self-sorting in anion-coordination-driven assemblies. <i>Chemical Communications</i> , <b>2021</b> , 57, 6078-6081	5.8	7

7	Chirality transcription in the anion-coordination-driven assembly of tetrahedral cages. <i>Chemical Communications</i> , <b>2020</b> , 56, 2475-2478	5.8	6
6	Fine-Tuning the Spring-Like Motion of an Anion-Based Triple Helicate by Tetraalkylammonium Guests. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 9389-9394	16.4	5
5	A degradable low molecular weight monomer system with lower critical solution temperature behaviour in water. <i>Chemical Communications</i> , <b>2019</b> , 55, 782-785	5.8	4
4	Threaded structures based on the benzo-21-crown-7/secondary ammonium salt recognition motif using esters as end groups. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 3880-5	3.9	4
3	SUPRAMOLECULAR POLYMERS BASED ON CROWN ETHER DERIVATIVES. <i>Acta Polymerica Sinica</i> , <b>2011</b> , 011, 956-964		4
2	Anion-Coordination-Driven Assembly of Chiral Quadruple and Single Helices Controlled by Counteranions. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 6527-6533	3.5	3
1	Fine-Tuning the Spring-Like Motion of an Anion-Based Triple Helicate by Tetraalkylammonium Guests. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9475-9480	3.6	2