

A molecular endless (74) knot

Nature Chemistry

13, 117-122

DOI: [10.1038/s41557-020-00594-x](https://doi.org/10.1038/s41557-020-00594-x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Self-assembly of a layered two-dimensional molecularly woven fabric. <i>Nature</i> , 2020, 588, 429-435.	13.7	74
2	Selective construction and stability studies of a molecular trefoil knot and Solomon link. <i>Dalton Transactions</i> , 2021, 50, 16984-16989.	1.6	24
3	Coordination-Driven Selective Formation of D_2 Symmetric Octanuclear Organometallic Cages. <i>Chemistry - A European Journal</i> , 2021, 27, 9524-9528.	1.7	4
4	New synthetic strategies hold promise for the future of molecular nanotopology. <i>CheM</i> , 2021, 7, 1407-1409.	5.8	0
5	Piecewise-linear embeddings of knots and links with rotoinversion symmetry. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2021, 77, 392-398.	0.0	2
6	Discrete Self-Assembled Metallo-Foldamers with Heteroleptic Sequence Specificity. <i>Angewandte Chemie</i> , 2021, 133, 20180-20188.	1.6	9
7	Weaving on the molecular scale. <i>Matter</i> , 2021, 4, 2582-2584.	5.0	9
8	Rational Design and Synthesis of Interlocked [2]Catenanes Featuring $\text{Cp}^*\text{Rh}/\text{Ir}$ Units and Pyrene -Based Ligands. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3303-3308.	2.6	16
9	A ravel alliance. <i>Nature Chemistry</i> , 2021, 13, 824-826.	6.6	9
10	Discrete Self-Assembled Metallo-Foldamers with Heteroleptic Sequence Specificity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20027-20035.	7.2	19
11	Topological and physical links in soft matter systems. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 013002.	0.7	10
12	Exciton Coupling in Redox-Active Salen based Self-Assembled Metallacycles. <i>Chemistry - A European Journal</i> , 2021, 27, 16161-16172.	1.7	0
13	Untangling knotty problems. <i>Nature Chemistry</i> , 2021, 13, 114-116.	6.6	5
14	Straight from the bottle! Wine and juice dicarboxylic acids as templates for supramolecular cage self-assembly. <i>Chemical Communications</i> , 2021, 57, 10019-10022.	2.2	10
15	Metal-Peptide Nonafoil Knots and Decafoil Supercoils. <i>Journal of the American Chemical Society</i> , 2021, 143, 16734-16739.	6.6	33
16	Synthesis and Near-Infrared Photothermal Conversion of Discrete Supramolecular Topologies Featuring Half-Sandwich $[\text{Cp}^*\text{Rh}]$ Units. <i>Journal of the American Chemical Society</i> , 2021, 143, 17833-17842.	6.6	36
17	Artificial Metal-Peptide Assemblies: Bioinspired Assembly of Peptides and Metals through Space and across Length Scales. <i>Journal of the American Chemical Society</i> , 2021, 143, 17316-17336.	6.6	38
19	A Hydrogen-Bonded Ravel Assembled by Anion Coordination. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7

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20	Self-assembly synthesis of a [2]catenane Co(II) single-molecule magnet. <i>Angewandte Chemie</i> , 0, , .	1.6	0
21	Self-Assembly Synthesis of a [2]Catenane Co ^{II} Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
22	A Hydrogen-Bonded Ravel Assembled by Anion Coordination. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115042.	7.2	18
23	Template-Free Synthesis of an Interlocked Covalent Organic Molecular Cage. <i>Journal of Organic Chemistry</i> , 2022, 87, 2767-2772.	1.7	7
24	Stereoselective Self-Assembly of Complex Chiral Radial [5]Catenanes Using Half-Sandwich Rhodium/Iridium Building Blocks. <i>Journal of the American Chemical Society</i> , 2022, 144, 2379-2386.	6.6	27
25	Distinctive features and challenges in catenane chemistry. <i>Chemical Science</i> , 2022, 13, 3315-3334.	3.7	26
26	Molecular weaving. <i>Nature Materials</i> , 2022, 21, 275-283.	13.3	35
28	Highly selective synthesis and near-infrared photothermal conversion of metalla-Borromean ring and [2]catenane assemblies. <i>Chemical Science</i> , 2022, 13, 5130-5140.	3.7	46
29	Tetratopic Terpyridine Building Unit as a Precursor to Wheel-Like Metallo-Supramolecules. <i>Inorganic Chemistry</i> , 2022, 61, 5343-5351.	1.9	2
30	Vernier template synthesis of molecular knots. <i>Science</i> , 2022, 375, 1035-1041.	6.0	31
31	Circuit Topology for Bottom-Up Engineering of Molecular Knots. <i>Symmetry</i> , 2021, 13, 2353.	1.1	5
32	Self-Assembly and Near-Infrared Photothermal Conversion Research of Molecular Figure-of-Eight. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
33	Self-Assembly of Lanthanide Crescent-Like and Macrocyclic Clusters from Versatile Vanillin-Based Ligands. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	4
34	Construction of a molecular prime link by interlocking two trefoil knots. , 2022, 1, 635-640.		15
35	Self-assembly and near-infrared photothermal conversion research of molecular figure-of-eight. <i>Journal of Solid State Chemistry</i> , 2022, 313, 123320.	1.4	3
36	Syntheses and Applications of Indol-2-ylidene-Ligated Ruthenium-Based Olefin Metathesis Catalysts. <i>Organometallics</i> , 2022, 41, 1905-1910.	1.1	3
37	Modular Construction of a Tessellated Octahedron, its Hierarchical Spherical Aggregate Behavior, and Electrocatalytic CO ₂ Reduction Activity. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
38	Directing the Self-Assembly of Aromatic Foldamer Helices using Acridine Appendages and Metal Coordination. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	3

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39	A Switchable Palladium(II) Trefoil Entangled Tetrahedron with Temperature Dependence and Concentration Independence. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	8
40	Modular Construction of a Tessellated Octahedron, its Hierarchical Spherical Aggregate Behavior, and Electrocatalytic CO ₂ Reduction Activity. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
41	A Switchable Palladium(II) Trefoil Entangled Tetrahedron with Temperature Dependence and Concentration Independence. <i>Angewandte Chemie</i> , 0, , .	1.6	0
42	Knotting matters: orderly molecular entanglements. <i>Chemical Society Reviews</i> , 2022, 51, 7779-7809.	18.7	46
43	How Cooperatively Folding Are Homopolymer Molecular Knots?. <i>Macromolecules</i> , 2022, 55, 8419-8437.	2.2	3
44	Social Self-Sorting Synthesis of Molecular Knots. <i>Journal of the American Chemical Society</i> , 2022, 144, 17232-17240.	6.6	3
45	Dynamic Covalent Chemistry for Synthesis and Conformational Control of Mechanically Interlocked Molecules. <i>European Journal of Organic Chemistry</i> , 2023, 26, .	1.2	9
46	Exploring the theoretical foundation of molecular assembly: current status and opportunities. <i>Scientia Sinica Chimica</i> , 2023, 53, 145-173.	0.2	2
47	Woven Polymer Networks: from Crystalline to Elastomeric Materials. <i>Chemistry - A European Journal</i> , 0, , .	1.7	2
48	Stereoselective Construction of Chiral Linear [3]Catenanes and [2]Catenanes. <i>Journal of the American Chemical Society</i> , 2023, 145, 725-731.	6.6	10
49	Dimeric and trimeric catenation of giant chiral [8+12] imine cubes driven by weak supramolecular interactions. <i>Nature Chemistry</i> , 2023, 15, 413-423.	6.6	28
50	Mechanical tightening of a synthetic molecular knot. <i>CheM</i> , 2023, 9, 65-75.	5.8	4
51	Solvent-Controlled Quadruple Catenation of Giant Chiral [8+12] Salicylimine Cubes Driven by Weak Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	14
52	Solvent-Controlled Quadruple Catenation of Giant Chiral [8+12] Salicylimine Cubes Driven by Weak Hydrogen Bonding. <i>Angewandte Chemie</i> , 0, , .	1.6	0
53	Cation-Templated Assembly of 6 ¹ and 6 ² Metalla-Links. <i>Journal of the American Chemical Society</i> , 2023, 145, 4746-4756.	6.6	14
54	Tube model for polymer knots: establishment and applications. <i>Scientia Sinica Chimica</i> , 2023, 53, 693-707.	0.2	0
55	Selective Construction of Molecular Borromean Rings and [2]Catenane Utilizing Ether Bipyridyl Ligands. <i>Chemistry - A European Journal</i> , 2023, 29, .	1.7	5
56	Selective Synthesis and Structural Transformation of a 4-Ravel Containing Four Crossings and Featuring Cp [*] Rh/Ir Fragments. <i>Angewandte Chemie</i> , 0, , .	1.6	0

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57	Selective Synthesis and Structural Transformation of a 4â€Ravel Containing Four Crossings and Featuring Cp*Rh/Ir Fragments. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	13
58	TrÃger's Baseâ€Based Cuboid Constructed by Chiral Selfâ€Discrimination. <i>Chemistry - A European Journal</i> , 2023, 29, .	1.7	2
81	Synthesis of nanoparticles based on wavy interlocked macrocycles template. <i>Applied Physics A: Materials Science and Processing</i> , 2024, 130, .	1.1	0