

# Building on architectural principles for three-dimensional construction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Eight-Membered and Larger Rings. Progress in Heterocyclic Chemistry, 1990, , 277-288.	0.5	4
2	A phenanthroline-terpyridine hybrid as a chameleon-type ligand in a reversible metallocupramolecular rearrangement. Dalton Transactions, 2013, 42, 12840.	1.6	19
3	A Synthetic Zipper Peptide Motif Orchestrated via Co-operative Interplay of Hydrogen Bonding, Aromatic Stacking, and Backbone Chirality. Journal of the American Chemical Society, 2013, 135, 11477-11480.	6.6	38
4	Cyclic pyridyltriazole-Cu(II) dimers as supramolecular hosts. Dalton Transactions, 2013, 42, 14064.	1.6	23
5	Molecular Architectonics of Stereochemically Constrained Complementary Functional Modules. European Journal of Organic Chemistry, 2013, 2013, 5838-5847.	1.2	25
6	A Self-Assembled [Fe <sub>12</sub> L <sub>12</sub> ] Capsule with an Icosahedral Framework. Angewandte Chemie - International Edition, 2013, 52, 9027-9030.	7.2	78
7	Metallocupramolecular grid complexes: towards nanostructured materials with high-tech applications. Chemical Society Reviews, 2013, 42, 7881.	18.7	125
8	A self-assembled Pd <sub>6</sub> L <sub>8</sub> nanoball for Suzuki-Miyaura coupling reactions in both homogeneous and heterogeneous formats. Green Chemistry, 2013, 15, 3150.	4.6	42
9	High-Fidelity Stereochemical Memory in a Fe <sub>4</sub> L <sub>4</sub> Tetrahedral Capsule. Journal of the American Chemical Society, 2013, 135, 17999-18006.	6.6	95
10	From 3-Fold Complete Self-Sorting of a Nine-Component Library to a Seven-Component Scalene Quadrilateral. Journal of the American Chemical Society, 2013, 135, 17743-17746.	6.6	95
11	Supramolecular polymers with tunable topologies via hierarchical coordination-driven self-assembly and hydrogen bonding interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15585-15590.	3.3	221
12	A C <sub>60</sub> -Templated Tetrameric Porphyrin Barrel Complex via Zinc-Mediated Self-Assembly Utilizing Labile Capping Ligands. Journal of the American Chemical Society, 2013, 135, 18790-18793.	6.6	81
13	Hierarchical assembly of discrete copper(II) metallo-structures from pre-assembled dinuclear (bis- $\beta^2$ -diketonato)metallocycles and flexible difunctional co-ligands. Dalton Transactions, 2013, 42, 14315.	1.6	15
14	Three Protocols for the Formation of a [3]Pseudorotaxane via Orthogonal Cryptand-Based Host-Guest Recognition and Coordination-Driven Self-Assembly. Organic Letters, 2013, 15, 4984-4987.	2.4	18
15	Hierarchical Self-Assembly: Well-Defined Supramolecular Nanostructures and Metallohydrogels via Amphiphilic Discrete Organoplatinum(II) Metallacycles. Journal of the American Chemical Society, 2013, 135, 14036-14039.	6.6	216
16	Silver-Mediated Formation of a Cofacial Porphyrin Dimer with the Ability to Intercalate Aromatic Molecules. Angewandte Chemie - International Edition, 2013, 52, 12096-12100.	7.2	75
17	Giant Electroactive M <sub>4</sub> L <sub>6</sub> Tetrahedral Host Self-Assembled with Fe(II) Vertices and Perylene Bisimide Dye Edges. Journal of the American Chemical Society, 2013, 135, 15656-15661.	6.6	164
18	Dual coordination in ditopic azabipyridines and azaterpyridines as a key for reversible switching. Dalton Transactions, 2013, 42, 15391.	1.6	9

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19	New Class of Phosphine Oxide Donor-Based Supramolecular Coordination Complexes from an in Situ Phosphine Oxidation Reaction or Phosphine Oxide Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 10217-10219.	1.9	28
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21	Anion- $\pi$ Interactions in Supramolecular Architectures. <i>Accounts of Chemical Research</i> , 2013, 46, 894-906.	7.6	455
22	Role of Wingtip Substituents on Benzene-Platform-Based Tetrapodal Ligands toward the Formation of a Self-Assembled Silver Carbene Cage. <i>Inorganic Chemistry</i> , 2013, 52, 4269-4276.	1.9	27
23	Five Discrete Multinuclear Metal-Organic Assemblies from One Ligand: Deciphering the Effects of Different Templates. <i>Journal of the American Chemical Society</i> , 2013, 135, 2723-2733.	6.6	150
24	Chiral $M_3L_2$ Self-Assembled Capsules through Metal Coordination of Enantiopure Ligating Benzocyclotrimers: NMR Spectroscopic and ESI Mass Spectrometric Investigation. <i>Chemistry - A European Journal</i> , 2013, 19, 5701-5714.	1.7	19
25	A facile $\text{click}$ -approach to functionalised metallosupramolecular architectures. <i>Chemical Communications</i> , 2013, 49, 3398.	2.2	73
26	Gyroidal metal-organic frameworks by solvothermal subcomponent self-assembly. <i>Chemical Communications</i> , 2013, 49, 3413.	2.2	43
27	Elaborate Metallosupramolecular Architectures through Desymmetrization Self-assembly of Symmetric Building Blocks. <i>Chemistry Letters</i> , 2013, 42, 328-334.	0.7	58
28	Quantitative Understanding of Guest Binding Enables the Design of Complex Host-Guest Behavior. <i>Journal of the American Chemical Society</i> , 2013, 135, 7039-7046.	6.6	100
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32	Inherently Chiral Iminoresorcinarenes through Regioselective Unidirectional Tautomerization. <i>Journal of Organic Chemistry</i> , 2013, 78, 11597-11601.	1.7	34
33	In Situ Construction of a Coordination Zirconocene Tetrahedron. <i>Inorganic Chemistry</i> , 2013, 52, 13815-13817.	1.9	122
34	Iterative Mass Spectrometry and X-Ray Crystallography to Study Ion-Trapping and Rearrangements by a Flexible Cluster. <i>Scientific Reports</i> , 2013, 3, 3516.	1.6	24
35	Silver-Mediated Formation of a Cofacial Porphyrin Dimer with the Ability to Intercalate Aromatic Molecules. <i>Angewandte Chemie</i> , 2013, 125, 12318-12322.	1.6	60
38	Atroposelective Self-Assembly of a Molecular Capsule from Amphiphilic Anthracene Trimers. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8120-8123.	7.2	44

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40	Self-Assembled Complexes of the Ligand Methyl(2-pyrazinyl)ketone Oxime with Oxime and Anion-Oxime Interactions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2492-2497.	0.6	2
41	Stepwise synthesis of a Ru <sub>4</sub> Cd <sub>4</sub> coordination cage using inert and labile subcomponents: introduction of redox activity at specific sites. <i>Chemical Communications</i> , 2014, 50, 6330-6332.	2.2	43
42	Self-Assembled M2L4 Nanocapsules: Synthesis, Structure and Host-Guest Recognition Toward Square Planar Metal Complexes. <i>Materials</i> , 2014, 7, 287-301.	1.3	28
43	Photoinduced transformations of stiff-stilbene-based discrete metallacycles to metallosupramolecular polymers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8717-8722.	3.3	127
44	Procedure-dependent construction of two isomers of trimeric self-assembled boronic esters. <i>Chemical Communications</i> , 2014, 50, 13683-13686.	2.2	14
45	Eight-Membered and Larger Rings. <i>Progress in Heterocyclic Chemistry</i> , 2014, 26, 573-595.	0.5	1
46	Smart-Surface Capsules for Delivery Devices. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400237.	1.9	31
47	pH-Modulated Molecular Assemblies and Surface Properties of Metal-Organic Supercontainers at the Air-Water Interface. <i>Angewandte Chemie</i> , 2014, 126, 11145-11149.	1.6	7
49	Saccharide-Functionalized Organoplatinum(II) Metallacycles. <i>Organometallics</i> , 2014, 33, 7019-7022.	1.1	15
50	Investigating the Formation Mechanism of Arene Ruthenium Metallacycles by NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5626-5626.	1.0	0
52	Selective Host Molecules Obtained by Dynamic Adaptive Chemistry. <i>Chemistry - A European Journal</i> , 2014, 20, 2106-2131.	1.7	30
53	Selective Host-Guest Interactions of a Transformable Coordination Capsule/Tube with Fullerenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3604-3607.	7.2	158
54	Dynamic heteroleptic metal-phenanthroline complexes: from structure to function. <i>Dalton Transactions</i> , 2014, 43, 3815-3834.	1.6	117
55	Self-assembled coordination cages based on banana-shaped ligands. <i>Chemical Society Reviews</i> , 2014, 43, 1848-1860.	18.7	639
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60	One-dimensional coordination polymers constructed from di- and trinuclear {3d <sup>4f</sup> } tectons. A new useful spacer in crystal engineering: 1,3-bis(4-pyridyl)azulene. <i>CrystEngComm</i> , 2014, 16, 319-327.	1.3	20
61	Supramolecular control of selectivity in transition-metal catalysis through substrate preorganization. <i>Chemical Science</i> , 2014, 5, 2135-2145.	3.7	185
62	Dynamic combinatorial/covalent chemistry: a tool to read, generate and modulate the bioactivity of compounds and compound mixtures. <i>Chemical Society Reviews</i> , 2014, 43, 1899-1933.	18.7	311
63	Self-Assembly of an Imidazolate-Bridged Fe <sup>III</sup> /Cu <sup>II</sup> Heterometallic Cage. <i>Inorganic Chemistry</i> , 2014, 53, 688-690.	1.9	66
64	Metallamacrocycle-modified gold nanoparticles: a new pathway for surface functionalization. <i>Chemical Communications</i> , 2014, 50, 971-974.	2.2	24
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66	Micellar Polyaromatic Capsules: Enhanced Emissive Properties through Shell Functionalization. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7389-7394.	1.2	11
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68	Neutral discrete metal-organic cyclic architectures: Opportunities for structural features and properties in confined spaces. <i>Coordination Chemistry Reviews</i> , 2014, 280, 96-175.	9.5	32
69	Stepwise assembly of an adamantoid Ru <sub>4</sub> Ag <sub>6</sub> cage by control of metal coordination geometry at specific sites. <i>Chemical Communications</i> , 2014, 50, 10979-10982.	2.2	33
70	Self-assembly of a M <sub>4</sub> L <sub>6</sub> complex with unexpected S <sub>4</sub> symmetry. <i>Dalton Transactions</i> , 2014, 43, 17889-17892.	1.6	12
71	pH-Modulated Molecular Assemblies and Surface Properties of Metal-Organic Supercontainers at the Air-Water Interface. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10965-10969.	7.2	29
72	Synthesis of Nanometer-Sized Cylinder-Like Structures from a 1,3,5-Triphenylbenzene-Bridged Tris-NHC Ligand and Ag <sup>I</sup> , Au <sup>I</sup> , and Cu <sup>I</sup> . <i>Organometallics</i> , 2014, 33, 6898-6904.	1.1	63
73	Tuning the coordination chemistry of cyclotrimeratrylene ligand pairs through alkyl chain aggregation. <i>CrystEngComm</i> , 2014, 16, 8138-8146.	1.3	11
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78	From Trigonal Bipyramidal to Platonic Solids: Self-Assembly and Self-Sorting Study of Terpyridine-Based 3D Architectures. <i>Journal of the American Chemical Society</i> , 2014, 136, 10499-10507.	6.6	106

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79	Electronically tunable anion-π interactions in pyrylium complexes: experimental and theoretical studies. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18442.	1.3	17
80	A Supramolecular Sorting Hat: Stereocontrol in Metal-Ligand Self-Assembly by Complementary Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9832-9836.	7.2	77
81	Investigating the Formation Mechanism of Arene Ruthenium Metallacycles by NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5651-5661.	1.0	10
82	Self-Assembly of Triangular and Hexagonal Molecular Necklaces. <i>Journal of the American Chemical Society</i> , 2014, 136, 5908-5911.	6.6	134
83	Substitution reactions in metal-organic frameworks and metal-organic polyhedra. <i>Chemical Society Reviews</i> , 2014, 43, 5952-5981.	18.7	204
84	A nanosized heterometallic {Zn <sub>2</sub> Ru <sub>3</sub> } coordination cage templated by various polyoxometalates. <i>Dalton Transactions</i> , 2014, 43, 17244-17247.	1.6	8
85	Safe storage of radical initiators within a polyaromatic nanocapsule. <i>Nature Communications</i> , 2014, 5, 4662.	5.8	177
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87	Synthesis and Electrochemical Behavior of a Zwitterion-Bridged Metalla-Cage. <i>Organometallics</i> , 2014, 33, 5043-5045.	1.1	40
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96	Luminescent Dirhenium(I)-Double-Heterostranded Helicate and Mesocate. <i>Inorganic Chemistry</i> , 2014, 53, 922-930.	1.9	32

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97	Active-template synthesis of $\text{[2]}$ rotaxane ligands: self-assembly of mechanically interlocked metallo-supramolecular dimers, macrocycles and oligomers. <i>Chemical Science</i> , 2014, 5, 4283-4290.	3.7	49
98	Multiporphyrinic Cages: Architectures and Functions. <i>Chemical Reviews</i> , 2014, 114, 8542-8578.	23.0	246
99	Metal mediated self-assembled porphyrin metallacycles: Synthesis and multipurpose applications. <i>Inorganica Chimica Acta</i> , 2014, 417, 59-78.	1.2	34
100	Rational Design of a Face-Centred Square-Cuboid Coordination Cage. <i>Chemistry - A European Journal</i> , 2014, 20, 10640-10644.	1.7	23
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102	A Highly Fluorescent Metallosalen-Based Chiral Cage for Enantioselective Recognition and Sensing. <i>Chemistry - A European Journal</i> , 2014, 20, 6455-6461.	1.7	94
103	Encapsulation of a Metal Complex within a Self-Assembled Nanocage: Synergy Effects, Molecular Structures, and Density Functional Theory Calculations. <i>Inorganic Chemistry</i> , 2014, 53, 4287-4294.	1.9	24
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112	Halogenverbrückte molekulare Kapseln. <i>Angewandte Chemie</i> , 2015, 127, 12516-12521.	1.6	47
113	Shape-Controlled Synthesis and Self-Sorting of Covalent Organic Cage Compounds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10356-10360.	7.2	156
114	Reversible Assembly of a Supramolecular Cage Linked by Boron-Nitrogen Dative Bonds. <i>Chemistry - A European Journal</i> , 2015, 21, 17391-17396.	1.7	54
116	Reversible Mechanical Interlocking of D-Shaped Molecular Karabiners bearing Coordination-Bond Loaded Gates: Route to Self-Assembled $\text{[2]}$ Catenanes. <i>Chemistry - A European Journal</i> , 2015, 21, 15174-15187.	1.7	33
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120	A Porphyrin Coordination Cage Assembled from Four Silver(I) Triazolylâ€‘Pyridine Complexes. Chemistry - A European Journal, 2015, 21, 15339-15348.	1.7	26
122	Halogen Bonding Molecular Capsules. Angewandte Chemie - International Edition, 2015, 54, 12339-12344.	7.2	152
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140	Triggered Exchange of Anionic for Neutral Guests inside a Cationic Coordination Cage. <i>Journal of the American Chemical Society</i> , 2015, 137, 1060-1063.	6.6	166
141	Guest-Induced Transformation of a Porphyrin-Edged Fe <sub>4</sub> L <sub>6</sub> Capsule into a Cu <sub>4</sub> Fe <sub>2</sub> L <sub>4</sub> Fullerene Receptor. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3988-3992.	7.2	104
142	Fischer-Type Carbene Complexes of Tris(1,4-phenylene)amines and Tri(2-furyl)phosphine. <i>Organometallics</i> , 2015, 34, 696-710.	1.1	5
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145	Molecular Recognition in Chemical and Biological Systems. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3290-3327.	7.2	491
146	Multicomponent Self-Assembly of Thiolato- and Selenato-Bridged Ester-Functionalized Rhenium(I)-Based Trigonal Metallaprisms: Synthesis and Structural Characterization. <i>Organometallics</i> , 2015, 34, 724-730.	1.1	23
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148	AMOEBA force field parameterization of the azabenzenes. <i>Theoretical Chemistry Accounts</i> , 2015, 134, 1.	0.5	9
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150	From Ring-in-Ring to Sphere-in-Sphere: Self-Assembly of Discrete 2D and 3D Architectures with Increasing Stability. <i>Journal of the American Chemical Society</i> , 2015, 137, 1556-1564.	6.6	144
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309	A Three-Dimensionally Conjugated Diradical Molecular Cage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15383-15387.	7.2	52
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398	Homo- and Heteroligand Poly-NHC Metal Assemblies: Synthesis by Narcissistic and Social Self-Sorting. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15767-15771.	7.2	87
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414	Self-Assembly of Water-Soluble Platinum(II)-Based Metallacalixarenes and Tuning Their Conformational Interconversion via Synergistic Effects between Solvents and Anions. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2805-2811.	1.7	9

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422	Catenation and Aggregation of Multi-Cavity Coordination Cages. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13652-13656.	7.2	59
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