

Jonathan R Nitschke

List of Publications by Year in descending order

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226
papers

19,063
citations

10956

71
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15218

126
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270
all docs

270
docs citations

270
times ranked

8908
citing authors

#	ARTICLE	IF	CITATIONS
1	White Phosphorus Is Air-Stable Within a Self-Assembled Tetrahedral Capsule. <i>Science</i> , 2009, 324, 1697-1699.	6.0	995
2	Stimuli-Responsive Metal–Ligand Assemblies. <i>Chemical Reviews</i> , 2015, 115, 7729-7793.	23.0	863
3	Building on architectural principles for three-dimensional metallosupramolecular construction. <i>Chemical Society Reviews</i> , 2013, 42, 1728-1754.	18.7	678
4	Molecular containers in complex chemical systems. <i>Chemical Society Reviews</i> , 2015, 44, 419-432.	18.7	541
5	Construction, Substitution, and Sorting of Metallo-organic Structures via Subcomponent Self-Assembly. <i>Accounts of Chemical Research</i> , 2007, 40, 103-112.	7.6	501
6	Functional Capsules via Subcomponent Self-Assembly. <i>Accounts of Chemical Research</i> , 2018, 51, 2423-2436.	7.6	380
7	Stereochemistry in Subcomponent Self-Assembly. <i>Accounts of Chemical Research</i> , 2014, 47, 2063-2073.	7.6	359
8	A Self-Assembled M ₈ L ₆ Cubic Cage that Selectively Encapsulates Large Aromatic Guests. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3479-3483.	7.2	350
9	An Unlockable–Relockable Iron Cage by Subcomponent Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8297-8301.	7.2	323
10	Strategies for binding multiple guests in metal–organic cages. <i>Nature Reviews Chemistry</i> , 2019, 3, 204-222.	13.8	308
11	Metal–organic container molecules through subcomponent self-assembly. <i>Chemical Communications</i> , 2013, 49, 2476.	2.2	294
12	Design and Applications of Water-Soluble Coordination Cages. <i>Chemical Reviews</i> , 2020, 120, 13480-13544.	23.0	291
13	Anion-induced reconstitution of a self-assembling system to express a chloride-binding Co ₁₀ L ₁₅ pentagonal prism. <i>Nature Chemistry</i> , 2012, 4, 751-756.	6.6	253
14	Metal–organic cages for molecular separations. <i>Nature Reviews Chemistry</i> , 2021, 5, 168-182.	13.8	227
15	Enantiopure Water-Soluble [Fe ₄ L ₆] Cages: Host–Guest Chemistry and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7958-7962.	7.2	210
16	Encapsulation, storage and controlled release of sulfur hexafluoride from a metal–organic capsule. <i>Chemical Communications</i> , 2011, 47, 457-459.	2.2	207
17	Reactivity modulation in container molecules. <i>Chemical Science</i> , 2011, 2, 51-56.	3.7	202
18	Covalent post-assembly modification in metallosupramolecular chemistry. <i>Chemical Society Reviews</i> , 2018, 47, 626-644.	18.7	192

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19	Molecular networks come of age. <i>Nature</i> , 2009, 462, 736-738.	13.7	185
20	Two-stage directed self-assembly of a cyclic [3]catenane. <i>Nature Chemistry</i> , 2015, 7, 354-358.	6.6	175
21	Integrative Self-Sorting Synthesis of a Fe ₈ Pt ₆ L ₂₄ Cubic Cage. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6681-6685.	7.2	164
22	Subcomponent Self-Assembly and Guest-Binding Properties of Face-Capped Fe ₄ L ₄ ⁸⁺ Capsules. <i>Journal of the American Chemical Society</i> , 2012, 134, 5110-5119.	6.6	163
23	Controlling the Transmission of Stereochemical Information through Space in Terphenyl-Edged Fe ₄ L ₆ Cages. <i>Journal of the American Chemical Society</i> , 2011, 133, 13652-13660.	6.6	156
24	Coordination cages as permanently porous ionic liquids. <i>Nature Chemistry</i> , 2020, 12, 270-275.	6.6	151
25	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
26	Differentially Addressable Cavities within Metal-Organic Cage-Cross-Linked Polymeric Hydrogels. <i>Journal of the American Chemical Society</i> , 2015, 137, 9722-9729.	6.6	148
27	Selective anion binding by a "Chameleon" capsule with a dynamically reconfigurable exterior. <i>Chemical Science</i> , 2011, 2, 638-641.	3.7	143
28	Stereochemical plasticity modulates cooperative binding in a Coll12L6 cuboctahedron. <i>Nature Chemistry</i> , 2017, 9, 903-908.	6.6	141
29	Self-organization by selection: Generation of a metallosupramolecular grid architecture by selection of components in a dynamic library of ligands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11970-11974.	3.3	140
30	Separation and Selective Formation of Fullerene Adducts within an M ^{II} ₈ L ₆ Cage. <i>Journal of the American Chemical Society</i> , 2017, 139, 75-78.	6.6	140
31	Cascading transformations within a dynamic self-assembled system. <i>Nature Chemistry</i> , 2010, 2, 684-687.	6.6	134
32	Ligand Aspect Ratio as a Decisive Factor for the Self-Assembly of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2016, 138, 2046-2054.	6.6	133
33	Fluorophore incorporation allows nanomolar guest sensing and white-light emission in M ₄ L ₆ cage complexes. <i>Chemical Science</i> , 2014, 5, 908-915.	3.7	131
34	Generation of a Dynamic System of Three-Dimensional Tetrahedral Polycatenanes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5749-5752.	7.2	124
35	Helicate, Macrocyclic, or Catenate: Dynamic Topological Control over Subcomponent Self-Assembly. <i>Chemistry - A European Journal</i> , 2006, 12, 4069-4076.	1.7	122
36	An antiaromatic-walled nanospace. <i>Nature</i> , 2019, 574, 511-515.	13.7	122

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37	A Dynamic Covalent, Luminescent Metallopolymer that Undergoes Sol-to-Gel Transition on Temperature Rise. <i>Journal of the American Chemical Society</i> , 2011, 133, 3158-3164.	6.6	119
38	An Iminoboronate Construction Set for Subcomponent Self-Assembly. <i>Chemistry - A European Journal</i> , 2008, 14, 4585-4593.	1.7	118
39	Selective Anion Extraction and Recovery Using a Fe ^{II} L ₄ L ₄ Cage. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3717-3721.	7.2	117
40	Self-Sorting Chiral Subcomponent Rearrangement During Crystallization. <i>Journal of the American Chemical Society</i> , 2007, 129, 8774-8780.	6.6	114
41	A stimuli responsive system of self-assembled anion-binding Fe ₄ L ₆ ⁸⁺ cages. <i>Chemical Science</i> , 2013, 4, 68-76.	3.7	113
42	Disulfides, Imines, and Metal Coordination within a Single System: Interplay between Three Dynamic Equilibria. <i>Chemistry - A European Journal</i> , 2007, 13, 9542-9546.	1.7	112
43	Beyond Platonic: How to Build Metal-Organic Polyhedra Capable of Binding Low-Symmetry, Information-Rich Molecular Cargoes. <i>Chemical Reviews</i> , 2022, 122, 10393-10437.	23.0	111
44	Design Principles for the Optimization of Guest Binding in Aromatic-Paneled Fe ^{II} L ₄ L ₆ Cages. <i>Journal of the American Chemical Society</i> , 2017, 139, 9698-9707.	6.6	107
45	Guest-Induced Transformation of a Porphyrin-Edged Fe ^{II} L ₄ L ₆ Capsule into a Cu ^I Fe ^{II} L ₂ L ₄ Fullerene Receptor. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3988-3992.	7.2	104
46	A Self-Organizing Chemical Assembly Line. <i>Journal of the American Chemical Society</i> , 2013, 135, 19143-19146.	6.6	103
47	New Zirconocene-Coupling Route to Large, Functionalized Macrocycles. <i>Journal of the American Chemical Society</i> , 2000, 122, 10345-10352.	6.6	101
48	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
49	Pyrene-Edged Fe ^{II} L ₄ L ₆ Cages Adaptively Reconfigure During Guest Binding. <i>Journal of the American Chemical Society</i> , 2014, 136, 15615-15624.	6.6	98
50	Supramolecular control over Diels-Alder reactivity by encapsulation and competitive displacement. <i>Chemical Science</i> , 2012, 3, 785-788.	3.7	97
51	High-Fidelity Stereochemical Memory in a Fe ^{II} L ₄ L ₄ Tetrahedral Capsule. <i>Journal of the American Chemical Society</i> , 2013, 135, 17999-18006.	6.6	95
52	Anion Binding in Water Drives Structural Adaptation in an Azaphosphatrane-Functionalized Fe ^{II} L ₄ L ₄ Tetrahedron. <i>Journal of the American Chemical Society</i> , 2017, 139, 6574-6577.	6.6	94
53	Nonlinear Enhancement of Chiroptical Response through Subcomponent Substitution in M ₄ L ₆ Cages. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1464-1468.	7.2	91
54	Fuel-Controlled Reassembly of Metal-Organic Architectures. <i>ACS Central Science</i> , 2015, 1, 504-509.	5.3	89

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55	Signal transduction in a covalent post-assembly modification cascade. <i>Nature Chemistry</i> , 2017, 9, 1276-1281.	6.6	88
56	Selective Encapsulation and Sequential Release of Guests Within a Self-Sorting Mixture of Three Tetrahedral Cages. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4556-4560.	7.2	86
57	Cation- and Anion-Exchanges Induce Multiple Distinct Rearrangements within Metallosupramolecular Architectures. <i>Journal of the American Chemical Society</i> , 2014, 136, 9491-9498.	6.6	86
58	Solvent Effects upon Guest Binding and Dynamics of a Fe ^{II} ₄ L ₄ Cage. <i>Journal of the American Chemical Society</i> , 2014, 136, 14545-14553.	6.6	83
59	Enantiopure [Cs ⁺ /Xe ⁺] ⁺ Cryptophane ⁺ Fe ^{II} ₄ L ₄ Hierarchical Superstructures. <i>Journal of the American Chemical Society</i> , 2019, 141, 8339-8345.	6.6	83
60	Designing Multistep Transformations Using the Hammett Equation: An Imine Exchange on a Copper(I) Template. <i>Journal of the American Chemical Society</i> , 2006, 128, 9887-9892.	6.6	81
61	Efficient Long-Range Stereochemical Communication and Cooperative Effects in Self-Assembled Fe ₄ L ₆ Cages. <i>Journal of the American Chemical Society</i> , 2012, 134, 15528-15537.	6.6	80
62	An Octanuclear Metallosupramolecular Cage Designed To Exhibit Spin-Crossover Behavior. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4930-4935.	7.2	80
63	Selection Rules for Helicate Ligand Component Self-Assembly: Steric, pH, Charge, and Solvent Effects. <i>Journal of the American Chemical Society</i> , 2004, 126, 16538-16543.	6.6	79
64	A Self-Assembled [Fe ^{II} ₁₂ L ₁₂] Capsule with an Icosahedral Framework. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9027-9030.	7.2	78
65	Temperature- and Voltage-Induced Ligand Rearrangement of a Dynamic Electroluminescent Metallopolymer. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8388-8391.	7.2	77
66	Post-assembly Modification of Tetrazine-Edged Fe ^{II} ₄ L ₆ Tetrahedra. <i>Journal of the American Chemical Society</i> , 2015, 137, 10068-10071.	6.6	75
67	Designed Enclosure Enables Guest Binding Within the 4200 Å ³ Cavity of a Self-Assembled Cube. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5636-5640.	7.2	75
68	Peripheral Templatation Generates an M ^{II} ₆ L ₄ Guest-Binding Capsule. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7958-7962.	7.2	75
69	Selective Assembly and Disassembly of a Water-Soluble Fe ₁₀ L ₁₅ Prism. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4837-4840.	7.2	74
70	Post-assembly Modification of Kinetically Metastable Fe ^{II} ₂ L ₃ Triple Helicates. <i>Journal of the American Chemical Society</i> , 2014, 136, 8201-8204.	6.6	74
71	Sequence-selective encapsulation and protection of long peptides by a self-assembled Fe ₁₈ L ₆ cubic cage. <i>Nature Communications</i> , 2017, 8, 14882.	5.8	74
72	Temperature Controls Guest Uptake and Release from Zn ₄ L ₄ Tetrahedra. <i>Journal of the American Chemical Society</i> , 2019, 141, 14534-14538.	6.6	74

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73	Size-Selective Encapsulation of Hydrophobic Guests by Self-Assembled M ₄ L ₆ Cobalt and Nickel Cages. <i>Chemistry - A European Journal</i> , 2013, 19, 3374-3382.	1.7	73
74	Blockable Zn ₁₀ L ₁₅ Ion Channels through Subcomponent Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15388-15392.	7.2	73
75	Guest Binding Subtly Influences Spin Crossover in an Fe ^{II} ₄ L ₄ Capsule. <i>Chemistry - A European Journal</i> , 2013, 19, 8058-8062.	1.7	72
76	Anion Exchange Renders Hydrophobic Capsules and Cargoes Water-Soluble. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9136-9140.	7.2	71
77	Selective Separation of Polyaromatic Hydrocarbons by Phase Transfer of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2019, 141, 18949-18953.	6.6	70
78	Bidirectional Regulation of Halide Binding in a Heterometallic Supramolecular Cube. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13439-13443.	7.2	69
79	Stacking Interactions Drive Selective Self-Assembly and Self-Sorting of Pyrene-Based M ^{II} ₄ L ₆ Architectures. <i>Journal of the American Chemical Society</i> , 2015, 137, 14502-14512.	6.6	67
80	Catenation and encapsulation induce distinct reconstitutions within a dynamic library of mixed-ligand Zn ₄ L ₆ cages. <i>Chemical Science</i> , 2016, 7, 2614-2620.	3.7	67
81	Tuning the Redox Properties of Fullerene Clusters within a Metal-Organic Capsule. <i>Journal of the American Chemical Society</i> , 2017, 139, 11008-11011.	6.6	67
82	Mutual Stabilization between Imine Ligands and Copper(I) Ions in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3073-3075.	7.2	65
83	Sequence-Dependent Guest Release Triggered by Orthogonal Chemical Signals. <i>Journal of the American Chemical Society</i> , 2016, 138, 2342-2351.	6.6	65
84	Pathway-Dependent Post-assembly Modification of an Anthracene-Edged M ^{II} ₄ L ₆ Tetrahedron. <i>Journal of the American Chemical Society</i> , 2016, 138, 10417-10420.	6.6	64
85	Subcomponent Exchange Transforms an Fe ^{II} ₄ L ₄ Cage from High- to Low-Spin, Switching Guest Release in a Two-Cage System. <i>Journal of the American Chemical Society</i> , 2017, 139, 6294-6297.	6.6	64
86	Multisite Binding of Drugs and Natural Products in an Entropically Favorable, Heteroleptic Receptor. <i>Journal of the American Chemical Society</i> , 2019, 141, 9087-9095.	6.6	64
87	Aqueous Self-Assembly of an Electroluminescent Double-Helical Metallopolymer. <i>Journal of the American Chemical Society</i> , 2012, 134, 19170-19178.	6.6	63
88	Transformations within a Network of Cadmium Architectures. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1017-1021.	7.2	63
89	Spin State Chemistry: Modulation of Ligand p <i>K_a</i> by Spin State Switching in a [2 ⁺ -2] Iron(II) Grid-Type Complex. <i>Journal of the American Chemical Society</i> , 2018, 140, 8218-8227.	6.6	63
90	Efficient, High-Yield Route to Long, Functionalized p-Phenylene Oligomers Containing Perfluorinated Segments, and Their Cyclodimerizations by Zirconocene Coupling. <i>Journal of the American Chemical Society</i> , 2001, 123, 10183-10190.	6.6	62

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91	Excitation Energy Delocalization and Transfer to Guests within M ^{II} ₄ L ₆ Cage Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 12050-12059.	6.6	60
92	An <i>S</i> ₁₀ -Symmetric 5-Fold Interlocked [2]Catenane. <i>Journal of the American Chemical Society</i> , 2020, 142, 10267-10272.	6.6	60
93	Choices of Iron and Copper: Cooperative Selection during Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2453-2456.	7.2	59
94	Size-Selective Hydroformylation by a Rhodium Catalyst Confined in a Supramolecular Cage. <i>Chemistry - A European Journal</i> , 2019, 25, 609-620.	1.7	59
95	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 10344-10353.	6.6	59
96	Perfluorinated Ligands Induce Meridional Metal Stereochemistry to Generate M ₈ L ₁₂ , M ₁₀ L ₁₅ , and M ₁₂ L ₁₈ Prisms. <i>Journal of the American Chemical Society</i> , 2016, 138, 6813-6821.	6.6	58
97	Symmetry breaking in self-assembled M ₄ L ₆ cage complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10531-10535.	3.3	57
98	Self-Assembly in Systems of Subcomponents: Simple Rules, Subtle Consequences. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 377-380.	7.2	56
99	Transformative Binding and Release of Gold Guests from a Self-Assembled Cu ₈ L ₄ Tube. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1881-1884.	7.2	56
100	Covalent Post-assembly Modification Triggers Multiple Structural Transformations of a Tetrazine-Edged Fe ₄ L ₆ Tetrahedron. <i>Journal of the American Chemical Society</i> , 2018, 140, 9616-9623.	6.6	56
101	Fluorometric Recognition of Nucleotides within a Water-Soluble Tetrahedral Capsule. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4200-4204.	7.2	55
102	Guanidinium Binding Modulates Guest Exchange within an [M ₄ L ₆] Capsule. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6882-6885.	7.2	54
103	Subcomponent Flexibility Enables Conversion between <i>D</i> ₄ -Symmetric Cd ^{II} ₈ L ₈ and <i>T</i> -Symmetric Cd ^{II} ₄ L ₄ Assemblies. <i>Journal of the American Chemical Society</i> , 2016, 138, 1812-1815.	6.6	54
104	Metal and Organic Templates Together Control the Size of Covalent Macrocycles and Cages. <i>Journal of the American Chemical Society</i> , 2019, 141, 12147-12158.	6.6	54
105	Waterproof architectures through subcomponent self-assembly. <i>Chemical Science</i> , 2019, 10, 2006-2018.	3.7	54
106	Two Distinct Allosteric Active Sites Regulate Guest Binding Within a Fe ₈ Mo ₁₂ ¹⁶⁺ Cubic Receptor. <i>Journal of the American Chemical Society</i> , 2014, 136, 7038-7043.	6.6	53
107	Generation of [2+2] Grid Metallosupramolecular Architectures from Preformed Ditopic Bis(acylhydrazone) Ligands and through Component Self-Assembly. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2944-2965.	1.0	52
108	Assembly of Surface-Confined Homochiral Helicates: Chiral Discrimination of DOPA and Unidirectional Charge Transfer. <i>Journal of the American Chemical Society</i> , 2013, 135, 17052-17059.	6.6	52

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109	Solvent-Dependent Host-Guest Chemistry of an Fe ₈ L ₁₂ Cubic Capsule. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1944-1948.	7.2	51
110	Solvent-tunable inversion of chirality transfer from carbon to copper. <i>Chemical Communications</i> , 2006, , 1724.	2.2	50
111	A Dynamic Tricopper Double Helicate. <i>Chemistry - A European Journal</i> , 2006, 12, 4077-4082.	1.7	50
112	Multifunctional supramolecular polymer networks as next-generation consolidants for archaeological wood conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17743-17748.	3.3	50
113	Aqueous Anion Receptors through Reduction of Subcomponent Self-Assembled Structures. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1556-1559.	7.2	50
114	Transformation networks of metal-organic cages controlled by chemical stimuli. <i>Chemical Society Reviews</i> , 2022, 51, 5101-5135.	18.7	50
115	Zirconocene-Mediated, High-Yielding Macrocyclizations of Silyl-Terminated Dienes. <i>Chemistry - A European Journal</i> , 2002, 8, 74-83.	1.7	49
116	A Cavity-Tailored Metal-Organic Cage Entraps Gases Selectively in Solution and the Amorphous Solid State. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11789-11792.	7.2	49
117	Controlling the shape and chirality of an eight-crossing molecular knot. <i>CheM</i> , 2021, 7, 1534-1543.	5.8	49
118	Palladium-Templated Subcomponent Self-Assembly of Macrocycles, Catenanes, and Rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10701-10705.	7.2	48
119	Chain-Reaction Anion Exchange between Metal-Organic Cages. <i>Journal of the American Chemical Society</i> , 2013, 135, 5678-5684.	6.6	47
120	Stereochemical Communication within Tetrahedral Capsules. <i>Chemistry Letters</i> , 2014, 43, 256-263.	0.7	47
121	Directed Phase Transfer of an Fe ^{II} ₄ L ₄ Cage and Encapsulated Cargo. <i>Journal of the American Chemical Society</i> , 2017, 139, 2176-2179.	6.6	47
122	Improved Acid Resistance of a Metal-Organic Cage Enables Cargo Release and Exchange between Hosts. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7435-7438.	7.2	47
123	Transformation Network Culminating in a Heteroleptic Cd ₆ L ₆ L ²⁺ ₂ Twisted Trigonal Prism. <i>Journal of the American Chemical Society</i> , 2020, 142, 9152-9157.	6.6	47
124	Narcissistic, Integrative, and Kinetic Self-Sorting within a System of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2020, 142, 7749-7753.	6.6	47
125	The Hydrophobic Effect as a Driving Force in the Self-Assembly of a [2 ⁺ -2] Copper(I) Grid. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6724-6727.	7.2	46
126	Dynamic covalent and supramolecular direction of the synthesis and reassembly of copper(I) complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11191-11195.	3.3	46

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127	Selective Anion Extraction and Recovery Using a Fe ^{II} L ₄ Cage. <i>Angewandte Chemie</i> , 2018, 130, 3779-3783.	1.6	45
128	Otherwise Unstable Structures Self-Assemble in the Cavities of Cuboctahedral Coordination Cages. <i>Journal of the American Chemical Society</i> , 2018, 140, 11502-11509.	6.6	45
129	Post-assembly Modification of Phosphine Cages Controls Host-Guest Behavior. <i>Journal of the American Chemical Society</i> , 2019, 141, 6837-6842.	6.6	45
130	Chemical Signals Turn On Guest Binding through Structural Reconfiguration of Triangular Helicates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11273-11277.	7.2	44
131	Anion Recognition as a Supramolecular Switch of Cell Internalization. <i>Journal of the American Chemical Society</i> , 2017, 139, 55-58.	6.6	44
132	A Zn ₄ L ₆ Capsule with Enhanced Catalytic C-C Bond Formation Activity upon C ₆₀ Binding. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9073-9077.	7.2	44
133	Ion-Mobility Mass Spectrometry for the Rapid Determination of the Topology of Interlocked and Knotted Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11324-11328.	7.2	43
134	Engineering Permanent Porosity into Liquids. <i>Advanced Materials</i> , 2021, 33, e2005745.	11.1	43
135	Cooperative Loading and Release Behavior of a Metal-Organic Receptor. <i>Journal of the American Chemical Society</i> , 2015, 137, 1770-1773.	6.6	41
136	Anion Exchange Drives Reversible Phase Transfer of Coordination Cages and Their Cargoes. <i>Journal of the American Chemical Society</i> , 2018, 140, 14770-14776.	6.6	41
137	Embedding and Positioning of Two Fe ^{II} L ₄ Cages in Supramolecular Tripeptide Gels for Selective Chemical Segregation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7982-7986.	7.2	41
138	Novel Templating Effect in the Macrocyclization of Functionalized Diynes by Zirconocene Coupling. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2142-2145.	7.2	40
139	Empirical and Theoretical Insights into the Structural Features and Host-Guest Chemistry of M ₈ L ₄ Tube Architectures. <i>Journal of the American Chemical Society</i> , 2014, 136, 3972-3980.	6.6	40
140	Subtle Ligand Modification Inverts Guest Binding Hierarchy in M ^{II} ₈ L ₆ Supramolecular Cubes. <i>Journal of the American Chemical Society</i> , 2016, 138, 7264-7267.	6.6	39
141	Dynamic optimization of guest binding in a library of diastereomeric heteroleptic coordination cages. <i>CheM</i> , 2022, 8, 557-568.	5.8	39
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