Jonathan R Nitschke

List of Publications by Year
in descending order

226	19,063	10956 71	15218 126
papers	citations	h-index	g-index

270	270	270	8908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-Assembly of Double-Helical Metallopolymers. Accounts of Chemical Research, 2022, 55, 391-401.	7.6	23
2	Dynamic optimization of guest binding in a library of diastereomeric heteroleptic coordination cages. CheM, 2022, 8, 557-568.	5.8	39
3	Templation and Concentration Drive Conversion Between a Fe^{II}₁₂L₁₂ Pseudoicosahedron, a Fe^{II}₄L₄ Tetrahedron, and a Fe^{II}₂L₃ Helicate. Journal of the American Chemical Society, 2022, 144, 1106-1112.	6.6	21
4	Twisted rectangular subunits self-assemble into a ferritin-like capsule. CheM, 2022, 8, 1099-1106.	5.8	17
5	Solvent Drives Switching between Î› and Î” Metal Center Stereochemistry of M₈L₆ Cubic Cages. Journal of the American Chemical Society, 2022, 144, 6136-6142.	6.6	27
6	Deoxyribonucleic Acid Encoded and Size-Defined Ï€-Stacking of Perylene Diimides. Journal of the American Chemical Society, 2022, 144, 368-376.	6.6	15
7	Beyond Platonic: How to Build Metalâ€“Organic Polyhedra Capable of Binding Low-Symmetry, Information-Rich Molecular Cargoes. Chemical Reviews, 2022, 122, 10393-10437.	23.0	111
8	Incorporation of a Phosphino(pyridine) Subcomponent Enables the Formation of Cages with Homobimetallic and Heterobimetallic Vertices. Journal of the American Chemical Society, 2022, 144, 8467-8473.	6.6	12
9	Transformation networks of metalâ€“organic cages controlled by chemical stimuli. Chemical Society Reviews, 2022, 51, 5101-5135.	18.7	50
10	Guest Encapsulation within Surfaceâ€Adsorbed Selfâ€Assembled Cages. Advanced Materials, 2021, 33, e2004192.	11.1	11
11	Glucose Binding Drives Reconfiguration of a Dynamic Library of Ureaâ€Containing Metalâ€“Organic Assemblies. Angewandte Chemie - International Edition, 2021, 60, 4485-4490.	7.2	38
12	Glucose Binding Drives Reconfiguration of a Dynamic Library of Ureaâ€Containing Metalâ€“Organic Assemblies. Angewandte Chemie, 2021, 133, 4535-4540.	1.6	14
13	Kinetics of Toehold-Mediated DNA Strand Displacement Depend on Fe^{II}₄L₄ Tetrahedron Concentration. Nano Letters, 2021, 21, 1368-1374.	4.5	16
14	Engineering Permanent Porosity into Liquids. Advanced Materials, 2021, 33, e2005745.	11.1	43
15	Porous Liquids: Engineering Permanent Porosity into Liquids (Adv. Mater. 18/2021). Advanced Materials, 2021, 33, 2170136.	11.1	3
16	A Cavityâ€Tailored Metalâ€Organic Cage Entraps Gases Selectively in Solution and the Amorphous Solid State. Angewandte Chemie, 2021, 133, 11895-11898.	1.6	9
17	A Cavityâ€Tailored Metalâ€Organic Cage Entraps Gases Selectively in Solution and the Amorphous Solid State. Angewandte Chemie - International Edition, 2021, 60, 11789-11792.	7.2	49
18	Electrically Induced Mixed Valence Increases the Conductivity of Copper Helical Metallopolymers. Advanced Materials, 2021, 33, e2100403.	11.1	14

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19	Controlling the shape and chirality of an eight-crossing molecular knot. CheM, 2021, 7, 1534-1543.	5.8	49
20	Sterics and Hydrogen Bonding Control Stereochemistry and Self-Sorting in BINOL-Based Assemblies. Journal of the American Chemical Society, 2021, 143, 9009-9015.	6.6	35
21	Cages meet gels: Smart materials with dual porosity. Matter, 2021, 4, 2123-2140.	5.0	30
22	A curved host and second guest cooperatively inhibit the dynamic motion of corannulene. Nature Communications, 2021, 12, 4079.	5.8	24
23	Coordination Cages Selectively Transport Molecular Cargoes Across Liquid Membranes. Journal of the American Chemical Society, 2021, 143, 12175-12180.	6.6	36
24	A ravel alliance. Nature Chemistry, 2021, 13, 824-826.	6.6	9
25	Metalâ€“organic cages for molecular separations. Nature Reviews Chemistry, 2021, 5, 168-182.	13.8	227
26	Selective Anion Binding Drives the Formation of Ag^I₈L₆ and Ag^I₁₂L₆ Six-Stranded Helicates. Journal of the American Chemical Society, 2021, 143, 664-670.	6.6	29
27	FeII4L4 tetrahedron binds and aggregates DNA G-quadruplexes. Chemical Science, 2021, 12, 14564-14569.	3.7	7
28	Reversible reduction drives anion ejection and C₆₀ binding within an FeII4L₆ cage. Chemical Science, 2020, 11, 1097-1101.	3.7	38
29	Design and Applications of Water-Soluble Coordination Cages. Chemical Reviews, 2020, 120, 13480-13544.	23.0	291
30	La^{III} and Zn^{II} Cooperatively Template a Metalâ€“Organic Capsule. Journal of the American Chemical Society, 2020, 142, 19856-19861.	6.6	37
31	Oxidation triggers guest dissociation during reorganization of an FeII4L₆twisted parallelogram. Chemical Science, 2020, 11, 10399-10404.	3.7	16
32	Hydrolysis of Twisted Amides inside a Self-Assembled Coordination Cage. CheM, 2020, 6, 1217-1218.	5.8	5
33	An S₁₀-Symmetric 5-Fold Interlocked [2]Catenane. Journal of the American Chemical Society, 2020, 142, 10267-10272.	6.6	60
34	Guest Binding Drives Host Redistribution in Libraries of Co II 4 L 4 Cages. Angewandte Chemie - International Edition, 2020, 59, 11369-11373.	7.2	32
35	Improved Acid Resistance of a Metalâ€“Organic Cage Enables Cargo Release and Exchange between Hosts. Angewandte Chemie - International Edition, 2020, 59, 7435-7438.	7.2	47
36	Improved Acid Resistance of a Metalâ€“Organic Cage Enables Cargo Release and Exchange between Hosts. Angewandte Chemie, 2020, 132, 7505-7508.	1.6	11

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37	Coordination cages as permanently porous ionic liquids. Nature Chemistry, 2020, 12, 270-275.	6.6	151
38	Transformation Network Culminating in a Heteroleptic Cd₆L₆Lâ€²₂ Twisted Trigonal Prism. Journal of the American Chemical Society, 2020, 142, 9152-9157.	6.6	47
39	Heat Engine Drives Transport of an Fe^{II}₄L₄ Cage and Cargo. Advanced Materials, 2020, 32, e1907241.	11.1	30
40	Guest Binding Drives Host Redistribution in Libraries of Co^{II}₄L₄ Cages. Angewandte Chemie, 2020, 132, 11465-11469.	1.6	13
41	Narcissistic, Integrative, and Kinetic Self-Sorting within a System of Coordination Cages. Journal of the American Chemical Society, 2020, 142, 7749-7753.	6.6	47
42	Sizeâ€Selective Hydroformylation by a Rhodium Catalyst Confined in a Supramolecular Cage. Chemistry - A European Journal, 2019, 25, 609-620.	1.7	59
43	A Zn 4 L 6 Capsule with Enhanced Catalytic Câˆ'C Bond Formation Activity upon C 60 Binding. Angewandte Chemie, 2019, 131, 9171-9175.	1.6	15
44	Different Modes of Anion Response Cause Circulatory Phase Transfer of a Coordination Cage with Controlled Directionality. Angewandte Chemie - International Edition, 2019, 58, 12497-12501.	7.2	23
45	Fe^{II}₄L₄ Tetrahedron Binds to Nonpaired DNA Bases. Journal of the American Chemical Society, 2019, 141, 11358-11362.	6.6	36
46	Anion Pairs Template a Trigonal Prism with Disilver Vertices. Journal of the American Chemical Society, 2019, 141, 11409-11413.	6.6	33
47	Metal and Organic Templates Together Control the Size of Covalent Macrocycles and Cages. Journal of the American Chemical Society, 2019, 141, 12147-12158.	6.6	54
48	Different Modes of Anion Response Cause Circulatory Phase Transfer of a Coordination Cage with Controlled Directionality. Angewandte Chemie, 2019, 131, 12627-12631.	1.6	5
49	Temperature Controls Guest Uptake and Release from Zn₄L₄ Tetrahedra. Journal of the American Chemical Society, 2019, 141, 14534-14538.	6.6	74
50	Fluorometric Recognition of Nucleotides within a Waterâ€Soluble Tetrahedral Capsule. Angewandte Chemie - International Edition, 2019, 58, 4200-4204.	7.2	55
51	Waterproof architectures through subcomponent self-assembly. Chemical Science, 2019, 10, 2006-2018.	3.7	54
52	Fluorometric Recognition of Nucleotides within a Waterâ€Soluble Tetrahedral Capsule. Angewandte Chemie, 2019, 131, 4244-4248.	1.6	15
53	Ionâ€Mobility Mass Spectrometry for the Rapid Determination of the Topology of Interlocked and Knotted Molecules. Angewandte Chemie - International Edition, 2019, 58, 11324-11328.	7.2	43
54	Ionâ€Mobility Mass Spectrometry for the Rapid Determination of the Topology of Interlocked and Knotted Molecules. Angewandte Chemie, 2019, 131, 11446-11450.	1.6	20

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55	Multisite Binding of Drugs and Natural Products in an Entropically Favorable, Heteroleptic Receptor. Journal of the American Chemical Society, 2019, 141, 9087-9095.	6.6	64
56	A Zn₄L₆ Capsule with Enhanced Catalytic Câ^'C Bond Formation Activity upon C₆₀ Binding. Angewandte Chemie - International Edition, 2019, 58, 9073-9077.	7.2	44
57	Enantiopure [Cs⁺/XeâŠ‚Cryptophane]âŠ‚Fe^{II}₄L₄ Hierarchical Superstructures. Journal of the American Chemical Society, 2019, 141, 8339-8345.	6.6	83
58	Post-assembly Modification of Phosphine Cages Controls Hostâ€“Guest Behavior. Journal of the American Chemical Society, 2019, 141, 6837-6842.	6.6	45
59	Strategies for binding multiple guests in metalâ€“organic cages. Nature Reviews Chemistry, 2019, 3, 204-222.	13.8	308
60	Embedding and Positioning of Two Fe^{II}₄L₄ Cages in Supramolecular Tripeptide Gels for Selective Chemical Segregation. Angewandte Chemie - International Edition, 2019, 58, 7982-7986.	7.2	41
61	Embedding and Positioning of Two Fe^{II}₄L₄ Cages in Supramolecular Tripeptide Gels for Selective Chemical Segregation. Angewandte Chemie, 2019, 131, 8066-8070.	1.6	14
62	Innentitelbild: Fluorometric Recognition of Nucleotides within a Waterâ€Soluble Tetrahedral Capsule (Angew. Chem. 13/2019). Angewandte Chemie, 2019, 131, 4110-4110.	1.6	1
63	Selective Separation of Polyaromatic Hydrocarbons by Phase Transfer of Coordination Cages. Journal of the American Chemical Society, 2019, 141, 18949-18953.	6.6	70
64	An antiaromatic-walled nanospace. Nature, 2019, 574, 511-515.	13.7	122
65	Hydrogen-Bond-Assisted Symmetry Breaking in a Network of Chiral Metalâ€“Organic Assemblies. Journal of the American Chemical Society, 2019, 141, 1707-1715.	6.6	37
66	Selective Anion Extraction and Recovery Using a Fe^{II}₄L₄ Cage. Angewandte Chemie - International Edition, 2018, 57, 3717-3721.	7.2	117
67	A giant M2L3 metallo-organic helicate based on phthalocyanines as a host for electroactive molecules. Chemical Communications, 2018, 54, 2651-2654.	2.2	22
68	Quantified structural speciation in self-sorted CoII6L₄ cage systems. Chemical Science, 2018, 9, 1925-1930.	3.7	33
69	Selective Anion Extraction and Recovery Using a Fe^{II}₄L₄ Cage. Angewandte Chemie, 2018, 130, 3779-3783.	1.6	45
70	Covalent post-assembly modification in metallosupramolecular chemistry. Chemical Society Reviews, 2018, 47, 626-644.	18.7	192
71	Orthogonal Stimuli Trigger Self-Assembly and Phase Transfer of FeII4L4 Cages and Cargoes. Journal of the American Chemical Society, 2018, 140, 16952-16956.	6.6	18
72	Anion Exchange Drives Reversible Phase Transfer of Coordination Cages and Their Cargoes. Journal of the American Chemical Society, 2018, 140, 14770-14776.	6.6	41

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73	Functional Capsules via Subcomponent Self-Assembly. Accounts of Chemical Research, 2018, 51, 2423-2436.	7.6	380
74	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe₄L₆ Tetrahedron. Angewandte Chemie, 2018, 130, 14317-14320.	1.6	6
75	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe₄L₆ Tetrahedron. Angewandte Chemie - International Edition, 2018, 57, 14121-14124.	7.2	38
76	Postâ€Assembly Reactivity of N â€Aryl Iminoboronates: Reversible Radical Coupling and Unusual Bâ^'N Dynamic Covalent Chemistry. Chemistry - A European Journal, 2018, 24, 12000-12005.	1.7	6
77	Covalent Post-assembly Modification Triggers Multiple Structural Transformations of a Tetrazine-Edged Fe₄L₆ Tetrahedron. Journal of the American Chemical Society, 2018, 140, 9616-9623.	6.6	56
78	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. Journal of the American Chemical Society, 2018, 140, 10344-10353.	6.6	59
79	Otherwise Unstable Structures Self-Assemble in the Cavities of Cuboctahedral Coordination Cages. Journal of the American Chemical Society, 2018, 140, 11502-11509.	6.6	45
80	Spin State Chemistry: Modulation of Ligand pK_a by Spin State Switching in a [2Ã—2] Iron(II) Grid-Type Complex. Journal of the American Chemical Society, 2018, 140, 8218-8227.	6.6	63
81	Directed Phase Transfer of an Fe^{II}₄L₄ Cage and Encapsulated Cargo. Journal of the American Chemical Society, 2017, 139, 2176-2179.	6.6	47
82	Stereochemical plasticity modulates cooperative binding in a CoII12L6 cuboctahedron. Nature Chemistry, 2017, 9, 903-908.	6.6	141
83	Subcomponent Exchange Transforms an Fe^{II}₄L₄ Cage from High- to Low-Spin, Switching Guest Release in a Two-Cage System. Journal of the American Chemical Society, 2017, 139, 6294-6297.	6.6	64
84	Ein achtkerniger metallosupramolekularer WÃ¼rfel mit Spinâ€Crossoverâ€Eigenschaften. Angewandte Chemie, 2017, 129, 5012-5017.	1.6	19
85	Frontispiece: An Octanuclear Metallosupramolecular Cage Designed To Exhibit Spinâ€Crossover Behavior. Angewandte Chemie - International Edition, 2017, 56, .	7.2	1
86	Anion Binding in Water Drives Structural Adaptation in an Azaphosphatrane-Functionalized Fe^{II}₄L₄ Tetrahedron. Journal of the American Chemical Society, 2017, 139, 6574-6577.	6.6	94
87	Selfâ€Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. Angewandte Chemie - International Edition, 2017, 56, 7541-7545.	7.2	34
88	Selfâ€Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. Angewandte Chemie, 2017, 129, 7649-7653.	1.6	8
89	Design Principles for the Optimization of Guest Binding in Aromatic-Paneled Fe^{II}₄L₆ Cages. Journal of the American Chemical Society, 2017, 139, 9698-9707.	6.6	107
90	Anion Exchange Renders Hydrophobic Capsules and Cargoes Waterâ€Soluble. Angewandte Chemie, 2017, 129, 9264-9268.	1.6	23

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91	An Octanuclear Metallosupramolecular Cage Designed To Exhibit Spinâ€Crossover Behavior. Angewandte Chemie - International Edition, 2017, 56, 4930-4935.	7.2	80
92	Sequence-selective encapsulation and protection of long peptides by a self-assembled FeII8L6 cubic cage. Nature Communications, 2017, 8, 14882.	5.8	74
93	Separation and Selective Formation of Fullerene Adducts within an M^{II}₈L₆ Cage. Journal of the American Chemical Society, 2017, 139, 75-78.	6.6	140
94	Anion Recognition as a Supramolecular Switch of Cell Internalization. Journal of the American Chemical Society, 2017, 139, 55-58.	6.6	44
95	Blockable Zn₁₀L₁₅ Ion Channels through Subcomponent Selfâ€Assembly. Angewandte Chemie - International Edition, 2017, 56, 15388-15392.	7.2	73
96	Signal transduction in a covalent post-assembly modification cascade. Nature Chemistry, 2017, 9, 1276-1281.	6.6	88
97	Tuning the Redox Properties of Fullerene Clusters within a Metalâ€“Organic Capsule. Journal of the American Chemical Society, 2017, 139, 11008-11011.	6.6	67
98	Excitation Energy Delocalization and Transfer to Guests within M^{II}₄L₆ Cage Frameworks. Journal of the American Chemical Society, 2017, 139, 12050-12059.	6.6	60
99	Frontispiz: Ein achtkerniger metallosupramolekularer WÃ¼rfel mit Spinâ€Crossoverâ€Eigenschaften. Angewandte Chemie, 2017, 129, .	1.6	0
100	Blockable Zn₁₀L₁₅ Ion Channels through Subcomponent Selfâ€Assembly. Angewandte Chemie, 2017, 129, 15590-15594.	1.6	17
101	Anion Exchange Renders Hydrophobic Capsules and Cargoes Waterâ€Soluble. Angewandte Chemie - International Edition, 2017, 56, 9136-9140.	7.2	71
102	Functional Molecular Cages Through Subcomponent Selfâ€“Assembly. Bulletin of Japan Society of Coordination Chemistry, 2017, 69, 29-34.	0.1	0
103	Quantification of Stereochemical Communication in Metalâ€“Organic Assemblies. Angewandte Chemie, 2016, 128, 10774-10778.	1.6	8
104	Innentitelbild: Peripheral Templation Generates an M^{II}₆L₄ Guestâ€Binding Capsule (Angew. Chem. 28/2016). Angewandte Chemie, 2016, 128, 7996-7996.	1.6	0
105	Quantification of Stereochemical Communication in Metalâ€“Organic Assemblies. Angewandte Chemie - International Edition, 2016, 55, 10616-10620.	7.2	21
106	Peripheral Templation Generates an M^{II}₆L₄ Guestâ€Binding Capsule. Angewandte Chemie, 2016, 128, 8090-8094.	1.6	24
107	Subtle Ligand Modification Inverts Guest Binding Hierarchy in M^{II}₈L₆ Supramolecular Cubes. Journal of the American Chemical Society, 2016, 138, 7264-7267.	6.6	39
108	Perfluorinated Ligands Induce Meridional Metal Stereochemistry to Generate M8L12, M10L15, and M12L18 Prisms. Journal of the American Chemical Society, 2016, 138, 6813-6821.	6.6	58

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109	Pathway-Dependent Post-assembly Modification of an Anthracene-Edged M^{II}₄L₆ Tetrahedron. Journal of the American Chemical Society, 2016, 138, 10417-10420.	6.6	64
110	Thatâ€™s No Moon: Itâ€™s a Molecular Capsule. CheM, 2016, 1, 19-21.	5.8	8
111	Peripheral Templation Generates an M^{II}₆L₄ Guestâ€Binding Capsule. Angewandte Chemie - International Edition, 2016, 55, 7958-7962.	7.2	75
112	Catenation and encapsulation induce distinct reconstitutions within a dynamic library of mixed-ligand Zn₄L₆ cages. Chemical Science, 2016, 7, 2614-2620.	3.7	67
113	Subcomponent Flexibility Enables Conversion between D₄-Symmetric Cd^{II}₈L₈ and T-Symmetric Cd^{II}₄L₄ Assemblies. Journal of the American Chemical Society, 2016, 138, 1812-1815.	6.6	54
114	Ligand Aspect Ratio as a Decisive Factor for the Self-Assembly of Coordination Cages. Journal of the American Chemical Society, 2016, 138, 2046-2054.	6.6	133
115	Sequence-Dependent Guest Release Triggered by Orthogonal Chemical Signals. Journal of the American Chemical Society, 2016, 138, 2342-2351.	6.6	65
116	Dual stimuli-induced formation of a Î¼-hydroxido bridged [Zn₉L₅(Î¼-OH)₆]¹²⁺ half-pipe. Chemical Science, 2016, 7, 1702-1706.	3.7	5
117	Carbon Dioxide Fixation and Sulfate Sequestration by a Supramolecular Trigonal Bipyramid. Angewandte Chemie - International Edition, 2015, 54, 11122-11127.	7.2	30
118	A Triphasic Sorting System: Coordination Cages in Ionic Liquids. Angewandte Chemie - International Edition, 2015, 54, 15100-15104.	7.2	21
119	An Autocatalytic System of Photooxidationâ€Driven Substitution Reactions on a Fe^{II}₄L₆ Cage Framework. Angewandte Chemie - International Edition, 2015, 54, 14378-14382.	7.2	37
120	Life lessons. Beilstein Journal of Organic Chemistry, 2015, 11, 2350-2354.	1.3	0
121	Fuel-Controlled Reassembly of Metalâ€“Organic Architectures. ACS Central Science, 2015, 1, 504-509.	5.3	89
122	Guestâ€Induced Transformation of a Porphyrinâ€Edged Fe^{II}₄L₆ Capsule into a Cu^IFe^{II}₂L₄ Fullerene Receptor. Angewandte Chemie - International Edition, 2015, 54, 3988-3992.	7.2	104
123	Cooperative Loading and Release Behavior of a Metalâ€“Organic Receptor. Journal of the American Chemical Society, 2015, 137, 1770-1773.	6.6	41
124	Post-assembly Modification of Tetrazine-Edged Fe^{II}₄L₆ Tetrahedra. Journal of the American Chemical Society, 2015, 137, 10068-10071.	6.6	75
125	Differentially Addressable Cavities within Metalâ€“Organic Cage-Cross-Linked Polymeric Hydrogels. Journal of the American Chemical Society, 2015, 137, 9722-9729.	6.6	148
126	Designed Enclosure Enables Guest Binding Within the 4200â€…Ã…³ Cavity of a Selfâ€Assembled Cube. Angewandte Chemie - International Edition, 2015, 54, 5636-5640.	7.2	75

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127	Stimuli-Responsive Metalâ€“Ligand Assemblies. Chemical Reviews, 2015, 115, 7729-7793.	23.0	863
128	Two-stage directed self-assembly of a cyclic [3]catenane. Nature Chemistry, 2015, 7, 354-358.	6.6	175
129	Selective Endo and Exo Binding of Monoâ€•and Ditopic Ligands to a Rhomboidal Diporphyrin Prism. Angewandte Chemie - International Edition, 2015, 54, 7539-7543.	7.2	15
130	Mutual stabilisation between M^{II}₄L₆ tetrahedra and M^{II}X₄^{2â˜’} metallate guests. Chemical Science, 2015, 6, 3533-3537.	3.7	20
131	AuICl-bound N-heterocyclic carbene ligands form MII4(LAuCl)6 integrally gilded cages. Chemical Science, 2015, 6, 7326-7331.	3.7	15
132	Stacking Interactions Drive Selective Self-Assembly and Self-Sorting of Pyrene-Based M^{II}₄L₆ Architectures. Journal of the American Chemical Society, 2015, 137, 14502-14512.	6.6	67
133	Molecular containers in complex chemical systems. Chemical Society Reviews, 2015, 44, 419-432.	18.7	541
134	Selective Encapsulation and Sequential Release of Guests Within a Selfâ€Sorting Mixture of Three Tetrahedral Cages. Angewandte Chemie - International Edition, 2014, 53, 4556-4560.	7.2	86
135	Multifunctional supramolecular polymer networks as next-generation consolidants for archaeological wood conservation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17743-17748.	3.3	50
136	Pyrene-Edged Fe^{II}₄L₆ Cages Adaptively Reconfigure During Guest Binding. Journal of the American Chemical Society, 2014, 136, 15615-15624.	6.6	98
137	Predicting paramagnetic ¹H NMR chemical shifts and state-energy separations in spin-crossover hostâ€“guest systems. Physical Chemistry Chemical Physics, 2014, 16, 10620-10628.	1.3	32
138	Stereochemistry in Subcomponent Self-Assembly. Accounts of Chemical Research, 2014, 47, 2063-2073.	7.6	359
139	Cation- and Anion-Exchanges Induce Multiple Distinct Rearrangements within Metallosupramolecular Architectures. Journal of the American Chemical Society, 2014, 136, 9491-9498.	6.6	86
140	Temperatureâ€•and Voltageâ€Induced Ligand Rearrangement of a Dynamic Electroluminescent Metallopolymer. Angewandte Chemie - International Edition, 2014, 53, 8388-8391.	7.2	77
141	Palladiumâ€Templated Subcomponent Selfâ€Assembly of Macrocycles, Catenanes, and Rotaxanes. Angewandte Chemie - International Edition, 2014, 53, 10701-10705.	7.2	48
142	Empirical and Theoretical Insights into the Structural Features and Hostâ€“Guest Chemistry of M₈L₄ Tube Architectures. Journal of the American Chemical Society, 2014, 136, 3972-3980.	6.6	40
143	Aqueous Anion Receptors through Reduction of Subcomponent Selfâ€Assembled Structures. Angewandte Chemie - International Edition, 2014, 53, 1556-1559.	7.2	50
144	Two Distinct Allosteric Active Sites Regulate Guest Binding Within a Fe₈Mo₁₂¹⁶⁺ Cubic Receptor. Journal of the American Chemical Society, 2014, 136, 7038-7043.	6.6	53

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145	Fluorophore incorporation allows nanomolar guest sensing and white-light emission in M₄L₆ cage complexes. Chemical Science, 2014, 5, 908-915.	3.7	131
146	Solvent Effects upon Guest Binding and Dynamics of a Fe^{II}₄L₄ Cage. Journal of the American Chemical Society, 2014, 136, 14545-14553.	6.6	83
147	Supramolecular and dynamic covalent reactivity. Chemical Society Reviews, 2014, 43, 1798.	18.7	19
148	Post-assembly Modification of Kinetically Metastable Fe^{II}₂L₃ Triple Helicates. Journal of the American Chemical Society, 2014, 136, 8201-8204.	6.6	74
149	Stereochemical Communication within Tetrahedral Capsules. Chemistry Letters, 2014, 43, 256-263.	0.7	47
150	Enantiopure Waterâ€Soluble [Fe₄L₆] Cages: Hostâ€“Guest Chemistry and Catalytic Activity. Angewandte Chemie - International Edition, 2013, 52, 7958-7962.	7.2	210
151	Chemical Signals Turn On Guest Binding through Structural Reconfiguration of Triangular Helicates. Angewandte Chemie - International Edition, 2013, 52, 11273-11277.	7.2	44
152	A Selfâ€Assembled [Fe^{II}₁₂L₁₂] Capsule with an Icosahedral Framework. Angewandte Chemie - International Edition, 2013, 52, 9027-9030.	7.2	78
153	High-Fidelity Stereochemical Memory in a Fe^{II}₄L₄ Tetrahedral Capsule. Journal of the American Chemical Society, 2013, 135, 17999-18006.	6.6	95
154	A Self-Organizing Chemical Assembly Line. Journal of the American Chemical Society, 2013, 135, 19143-19146.	6.6	103
155	Assembly of Surface-Confined Homochiral Helicates: Chiral Discrimination of DOPA and Unidirectional Charge Transfer. Journal of the American Chemical Society, 2013, 135, 17052-17059.	6.6	52
156	Metalâ€“organic container molecules through subcomponent self-assembly. Chemical Communications, 2013, 49, 2476.	2.2	294
157	Transformations within a Network of Cadmium Architectures. Angewandte Chemie - International Edition, 2013, 52, 1017-1021.	7.2	63
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159	Solventâ€Dependent Hostâ€“Guest Chemistry of an Fe₈L₁₂ Cubic Capsule. Angewandte Chemie - International Edition, 2013, 52, 1944-1948.	7.2	51
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