

Jonathan R Nitschke

List of Publications by Year in Descending Order

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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.

244
papers

14,899
citations

63
h-index

112
g-index

270
ext. papers

17,150
ext. citations

13.9
avg, IF

7.31
L-index

#	Paper	IF	Citations
244	Self-Assembly of Double-Helical Metallopolymers.. <i>Accounts of Chemical Research</i> , 2022 ,	24.3	5
243	Dynamic optimization of guest binding in a library of diastereomeric heteroleptic coordination cages. <i>CheM</i> , 2022 , 8, 557-568	16.2	1
242	Fe L tetrahedron binds and aggregates DNA G-quadruplexes. <i>Chemical Science</i> , 2021 , 12, 14564-14569	9.4	0
241	Selective Anion Binding Drives the Formation of AgL and AgL Six-Stranded Helicates. <i>Journal of the American Chemical Society</i> , 2021 , 143, 664-670	16.4	9
240	Engineering Permanent Porosity into Liquids. <i>Advanced Materials</i> , 2021 , 33, e2005745	24	12
239	Porous Liquids: Engineering Permanent Porosity into Liquids (Adv. Mater. 18/2021). <i>Advanced Materials</i> , 2021 , 33, 2170136	24	0
238	A Cavity-Tailored Metal-Organic Cage Entraps Gases Selectively in Solution and the Amorphous Solid State. <i>Angewandte Chemie</i> , 2021 , 133, 11895-11898	3.6	2
237	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	16.4	16
236	Electrically Induced Mixed Valence Increases the Conductivity of Copper Helical Metallopolymers. <i>Advanced Materials</i> , 2021 , 33, e2100403	24	5
235	Controlling the shape and chirality of an eight-crossing molecular knot. <i>CheM</i> , 2021 , 7, 1534-1543	16.2	12
234	Sterics and Hydrogen Bonding Control Stereochemistry and Self-Sorting in BINOL-Based Assemblies. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9009-9015	16.4	9
233	Cages meet gels: Smart materials with dual porosity. <i>Matter</i> , 2021 , 4, 2123-2140	12.7	7
232	A curved host and second guest cooperatively inhibit the dynamic motion of corannulene. <i>Nature Communications</i> , 2021 , 12, 4079	17.4	8
231	Guest Encapsulation within Surface-Adsorbed Self-Assembled Cages. <i>Advanced Materials</i> , 2021 , 33, e2004192	24	1
230	Glucose Binding Drives Reconfiguration of a Dynamic Library of Urea-Containing Metal-Organic Assemblies. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4485-4490	16.4	13
229	Glucose Binding Drives Reconfiguration of a Dynamic Library of Urea-Containing Metal-Organic Assemblies. <i>Angewandte Chemie</i> , 2021 , 133, 4535-4540	3.6	6
228	Kinetics of Toehold-Mediated DNA Strand Displacement Depend on FeL Tetrahedron Concentration. <i>Nano Letters</i> , 2021 , 21, 1368-1374	11.5	9

227	Coordination Cages Selectively Transport Molecular Cargoes Across Liquid Membranes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12175-12180	16.4	4
226	A ravel alliance. <i>Nature Chemistry</i> , 2021 , 13, 824-826	17.6	3
225	Metal-organic cages for molecular separations. <i>Nature Reviews Chemistry</i> , 2021 , 5, 168-182	34.6	58
224	Hydrolysis of Twisted Amides inside a Self-Assembled Coordination Cage. <i>Chem</i> , 2020 , 6, 1217-1218	16.2	3
223	An -Symmetric 5-Fold Interlocked [2]Catenane. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10267-10272	16.4	21
222	Guest Binding Drives Host Redistribution in Libraries of Co L Cages. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11369-11373	16.4	21
221	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	16.4	21
220	Improved Acid Resistance of a Metal-Organic Cage Enables Cargo Release and Exchange between Hosts. <i>Angewandte Chemie</i> , 2020 , 132, 7505-7508	3.6	7
219	Coordination cages as permanently porous ionic liquids. <i>Nature Chemistry</i> , 2020 , 12, 270-275	17.6	75
218	Transformation Network Culminating in a Heteroleptic CdLL' Twisted Trigonal Prism. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9152-9157	16.4	21
217	Heat Engine Drives Transport of an Fe L Cage and Cargo. <i>Advanced Materials</i> , 2020 , 32, e1907241	24	19
216	Guest Binding Drives Host Redistribution in Libraries of CoII4L4 Cages. <i>Angewandte Chemie</i> , 2020 , 132, 11465-11469	3.6	7
215	Narcissistic, Integrative, and Kinetic Self-Sorting within a System of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7749-7753	16.4	29
214	Design and Applications of Water-Soluble Coordination Cages. <i>Chemical Reviews</i> , 2020 , 120, 13480-13544	48.1	90
213	La and Zn Cooperatively Template a Metal-Organic Capsule. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19856-19861	16.4	13
212	Oxidation triggers guest dissociation during reorganization of an Fe L twisted parallelogram. <i>Chemical Science</i> , 2020 , 11, 10399-10404	9.4	9
211	Temperature Controls Guest Uptake and Release from ZnL Tetrahedra. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14534-14538	16.4	29
210	Fluorometric Recognition of Nucleotides within a Water-Soluble Tetrahedral Capsule. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4200-4204	16.4	32

209	Waterproof architectures through subcomponent self-assembly. <i>Chemical Science</i> , 2019 , 10, 2006-2018	9.4	35
208	Fluorometric Recognition of Nucleotides within a Water-Soluble Tetrahedral Capsule. <i>Angewandte Chemie</i> , 2019 , 131, 4244-4248	3.6	9
207	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	16.4	28
206	Ion-Mobility Mass Spectrometry for the Rapid Determination of the Topology of Interlocked and Knotted Molecules. <i>Angewandte Chemie</i> , 2019 , 131, 11446	3.6	
205	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	16.4	38
204	A Zn ₄ L Capsule with Enhanced Catalytic C-C Bond Formation Activity upon C ₆₀ Binding. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9073-9077	16.4	31
203	Enantiopure [Cs/Xe@Cryptophane]FeL Hierarchical Superstructures. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8339-8345	16.4	52
202	Post-assembly Modification of Phosphine Cages Controls Host-Guest Behavior. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6837-6842	16.4	31
201	Strategies for binding multiple guests in metal-organic cages. <i>Nature Reviews Chemistry</i> , 2019 , 3, 204-222	34.6	184
200	Embedding and Positioning of Two Fe ₄ L Cages in Supramolecular Tripeptide Gels for Selective Chemical Segregation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7982-7986	16.4	26
199	Embedding and Positioning of Two Fe ₄ L ₄ Cages in Supramolecular Tripeptide Gels for Selective Chemical Segregation. <i>Angewandte Chemie</i> , 2019 , 131, 8066-8070	3.6	11
198	Innentitelbild: Fluorometric Recognition of Nucleotides within a Water-Soluble Tetrahedral Capsule (Angew. Chem. 13/2019). <i>Angewandte Chemie</i> , 2019 , 131, 4110-4110	3.6	
197	A Zn ₄ L ₆ Capsule with Enhanced Catalytic C-C Bond Formation Activity upon C ₆₀ Binding. <i>Angewandte Chemie</i> , 2019 , 131, 9171-9175	3.6	12
196	Different Modes of Anion Response Cause Circulatory Phase Transfer of a Coordination Cage with Controlled Directionality. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12497-12501	16.4	16
195	FeL Tetrahedron Binds to Nonpaired DNA Bases. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11358-11362	16.4	21
194	Anion Pairs Template a Trigonal Prism with Disilver Vertices. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11409-11413	16.4	18
193	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	16.4	31
192	Different Modes of Anion Response Cause Circulatory Phase Transfer of a Coordination Cage with Controlled Directionality. <i>Angewandte Chemie</i> , 2019 , 131, 12627-12631	3.6	5

191	Reversible reduction drives anion ejection and C binding within an Fe L cage. <i>Chemical Science</i> , 2019 , 11, 1097-1101	9.4	21
190	Selective Separation of Polyaromatic Hydrocarbons by Phase Transfer of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18949-18953	16.4	36
189	An antiaromatic-walled nanospace. <i>Nature</i> , 2019 , 574, 511-515	50.4	63
188	Hydrogen-Bond-Assisted Symmetry Breaking in a Network of Chiral Metal-Organic Assemblies. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1707-1715	16.4	28
187	Size-Selective Hydroformylation by a Rhodium Catalyst Confined in a Supramolecular Cage. <i>Chemistry - A European Journal</i> , 2019 , 25, 609-620	4.8	25
186	Selective Anion Extraction and Recovery Using a Fe L Cage. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3717-3721	16.4	83
185	A giant ML metallo-organic helicate based on phthalocyanines as a host for electroactive molecules. <i>Chemical Communications</i> , 2018 , 54, 2651-2654	5.8	18
184	Quantified structural speciation in self-sorted Coll6L cage systems. <i>Chemical Science</i> , 2018 , 9, 1925-1930	9.4	24
183	Selective Anion Extraction and Recovery Using a FeL4L4 Cage. <i>Angewandte Chemie</i> , 2018 , 130, 3779-3783	3.6	31
182	Covalent Post-assembly Modification Triggers Multiple Structural Transformations of a Tetrazine-Edged FeL Tetrahedron. <i>Journal of the American Chemical Society</i> , 2018 , 140, 9616-9623	16.4	45
181	Unraveling Mechanisms of Chiral Induction in Double-Helical Metallopolymers. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10344-10353	16.4	45
180	Otherwise Unstable Structures Self-Assemble in the Cavities of Cuboctahedral Coordination Cages. <i>Journal of the American Chemical Society</i> , 2018 , 140, 11502-11509	16.4	33
179	Spin State Chemistry: Modulation of Ligand p K by Spin State Switching in a [20] Iron(II) Grid-Type Complex. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8218-8227	16.4	39
178	Covalent post-assembly modification in metallosupramolecular chemistry. <i>Chemical Society Reviews</i> , 2018 , 47, 626-644	58.5	140
177	Orthogonal Stimuli Trigger Self-Assembly and Phase Transfer of FeL Cages and Cargoes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16952-16956	16.4	11
176	Anion Exchange Drives Reversible Phase Transfer of Coordination Cages and Their Cargoes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14770-14776	16.4	30
175	Functional Capsules via Subcomponent Self-Assembly. <i>Accounts of Chemical Research</i> , 2018 , 51, 2423-2436	14.3	248
174	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe4L6 Tetrahedron. <i>Angewandte Chemie</i> , 2018 , 130, 14317-14320	3.6	6

173	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe L Tetrahedron. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14121-14124	16.4	26
172	Post-Assembly Reactivity of N-Aryl Iminoboronates: Reversible Radical Coupling and Unusual B-N Dynamic Covalent Chemistry. <i>Chemistry - A European Journal</i> , 2018 , 24, 12000-12005	4.8	4
171	Directed Phase Transfer of an FeL Cage and Encapsulated Cargo. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2176-2179	16.4	39
170	Stereochemical plasticity modulates cooperative binding in a CoL cuboctahedron. <i>Nature Chemistry</i> , 2017 , 9, 903-908	17.6	104
169	Subcomponent Exchange Transforms an FeL 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	16.4	46
168	Ein achtkerniger metallocsupramolekularer Würfel mit Spin-Crossover-Eigenschaften. <i>Angewandte Chemie</i> , 2017 , 129, 5012-5017	3.6	13
167	Frontispiece: An Octanuclear Metallocsupramolekularer Cage Designed To Exhibit Spin-Crossover Behavior. <i>Angewandte Chemie - International Edition</i> , 2017 , 56,	16.4	1
166	Anion Binding in Water Drives Structural Adaptation in an Azaphosphatrane-Functionalized FeL Tetrahedron. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6574-6577	16.4	70
165	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7541-7545	16.4	27
164	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <i>Angewandte Chemie</i> , 2017 , 129, 7649-7653	3.6	7
163	Design Principles for the Optimization of Guest Binding in Aromatic-Paneled FeL Cages. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9698-9707	16.4	82
162	Anion Exchange Renders Hydrophobic Capsules and Cargoes Water-Soluble. <i>Angewandte Chemie</i> , 2017 , 129, 9264-9268	3.6	18
161	An Octanuclear Metallocsupramolekularer Cage Designed To Exhibit Spin-Crossover Behavior. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4930-4935	16.4	59
160	Sequence-selective encapsulation and protection of long peptides by a self-assembled FeL cubic cage. <i>Nature Communications</i> , 2017 , 8, 14882	17.4	61
159	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	16.4	97
158	Anion Recognition as a Supramolecular Switch of Cell Internalization. <i>Journal of the American Chemical Society</i> , 2017 , 139, 55-58	16.4	32
157	Blockable Zn L Ion Channels through Subcomponent Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15388-15392	16.4	43
156	Signal transduction in a covalent post-assembly modification cascade. <i>Nature Chemistry</i> , 2017 , 9, 1276-1281	16.4	74

155	Tuning the Redox Properties of Fullerene Clusters within a Metal-Organic Capsule. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11008-11011	16.4	47
154	Excitation Energy Delocalization and Transfer to Guests within ML Cage Frameworks. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12050-12059	16.4	44
153	Blockable Zn ₁₀ L ₁₅ Ion Channels through Subcomponent Self-Assembly. <i>Angewandte Chemie</i> , 2017 , 129, 15590-15594	3.6	12
152	Anion Exchange Renders Hydrophobic Capsules and Cargoes Water-Soluble. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9136-9140	16.4	54
151	Functional Molecular Cages Through Subcomponent Self-Assembly. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2017 , 69, 29-34	0.3	
150	That's No Moon: It's a Molecular Capsule. <i>Chem</i> , 2016 , 1, 19-21	16.2	7
149	Peripheral Templatation Generates an M(II) 6 L ₄ Guest-Binding Capsule. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7958-62	16.4	59
148	Catenation and encapsulation induce distinct reconstitutions within a dynamic library of mixed-ligand ZnL cages. <i>Chemical Science</i> , 2016 , 7, 2614-2620	9.4	59
147	Subcomponent Flexibility Enables Conversion between D ₄ -Symmetric Cd(II) ₈ L ₈ and T-Symmetric Cd(II) ₄ L ₄ Assemblies. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1812-5	16.4	42
146	Ligand Aspect Ratio as a Decisive Factor for the Self-Assembly of Coordination Cages. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2046-54	16.4	103
145	Sequence-Dependent Guest Release Triggered by Orthogonal Chemical Signals. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2342-51	16.4	52
144	Dual stimuli-induced formation of a hydroxido bridged [ZnL(OH)] half-pipe. <i>Chemical Science</i> , 2016 , 7, 1702-1706	9.4	4
143	Quantification of Stereochemical Communication in Metal-Organic Assemblies. <i>Angewandte Chemie</i> , 2016 , 128, 10774-10778	3.6	7
142	Innentitelbild: Peripheral Templatation Generates an M(II) ₆ L ₄ Guest-Binding Capsule (Angew. Chem. 28/2016). <i>Angewandte Chemie</i> , 2016 , 128, 7996-7996	3.6	
141	Quantification of Stereochemical Communication in Metal-Organic Assemblies. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10616-20	16.4	18
140	Peripheral Templatation Generates an M(II) ₆ L ₄ Guest-Binding Capsule. <i>Angewandte Chemie</i> , 2016 , 128, 8090-8094	20	
139	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, 7264-7	16.4	33
138	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, 6813-21	16.4	49

137	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, 10417-20	16.4	49
136	Post-assembly Modification of Tetrazine-Edged Fe(II) ₄ L ₆ Tetrahedra. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10068-71	16.4	64
135	Differentially Addressable Cavities within Metal-Organic Cage-Cross-Linked Polymeric Hydrogels. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9722-9	16.4	118
134	Designed enclosure enables guest binding within the 4200 (B) cavity of a self-assembled cube. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5636-40	16.4	67
133	Stimuli-Responsive Metal-Ligand Assemblies. <i>Chemical Reviews</i> , 2015 , 115, 7729-93	68.1	730
132	Two-stage directed self-assembly of a cyclic [3]catenane. <i>Nature Chemistry</i> , 2015 , 7, 354-8	17.6	150
131	Selective endo and exo binding of mono- and ditopic ligands to a rhomboidal diporphyrin prism. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7539-43	16.4	13
130	Mutual stabilisation between ML tetrahedra and MX metallate guests. <i>Chemical Science</i> , 2015 , 6, 3533-3537	16.4	15
129	AuCl-bound -heterocyclic carbene ligands form MII ₄ (LAuCl) integrally gilded cages. <i>Chemical Science</i> , 2015 , 6, 7326-7331	9.4	13
128	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, 14502-12	16.4	53
127	Molecular containers in complex chemical systems. <i>Chemical Society Reviews</i> , 2015 , 44, 419-32	58.5	470
126	Innenrücktitelbild: Designed Enclosure Enables Guest Binding Within the 4200 B Cavity of a Self-Assembled Cube (Angew. Chem. 19/2015). <i>Angewandte Chemie</i> , 2015 , 127, 5887-5887	3.6	
125	An Autocatalytic System of Photooxidation-Driven Substitution Reactions on a FeII ₄ L ₆ Cage Framework. <i>Angewandte Chemie</i> , 2015 , 127, 14586-14590	3.6	10
124	Carbon dioxide fixation and sulfate sequestration by a supramolecular trigonal bipyramid. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11122-7	16.4	29
123	Selective Endo and Exo Binding of Mono- and Ditopic Ligands to a Rhomboidal Diporphyrin Prism. <i>Angewandte Chemie</i> , 2015 , 127, 7649-7653	3.6	3
122	A Triphasic Sorting System: Coordination Cages in Ionic Liquids. <i>Angewandte Chemie</i> , 2015 , 127, 15315-15319	3.6	5
121	A Triphasic Sorting System: Coordination Cages in Ionic Liquids. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15100-4	16.4	19
120	Guest-Induced Transformation of a Porphyrin-Edged FeII ₄ L ₆ Capsule into a CuIFeII ₂ L ₄ Fullerene Receptor. <i>Angewandte Chemie</i> , 2015 , 127, 4060-4064	3.6	23

119	Designed Enclosure Enables Guest Binding Within the 4200 Å Cavity of a Self-Assembled Cube. <i>Angewandte Chemie</i> , 2015 , 127, 5728-5732	3.6	28
118	Carbon Dioxide Fixation and Sulfate Sequestration by a Supramolecular Trigonal Bipyramid. <i>Angewandte Chemie</i> , 2015 , 127, 11274-11279	3.6	6
117	An Autocatalytic System of Photooxidation-Driven Substitution Reactions on a Fe(II)4L6 Cage Framework. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14378-82	16.4	26
116	Life lessons. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2350-4	2.5	
115	Fuel-Controlled Reassembly of Metal-Organic Architectures. <i>ACS Central Science</i> , 2015 , 1, 504-509	16.8	75
114	Guest-induced transformation of a porphyrin-edged Fe(II)4L6 capsule into a Cu(I)Fe(II)2L4 fullerene receptor. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3988-92	16.4	87
113	Cooperative loading and release behavior of a metal-organic receptor. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1770-3	16.4	33
112	Selective encapsulation and sequential release of guests within a self-sorting mixture of three tetrahedral cages. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4556-60	16.4	76
111	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, 17743-8	11.5	39
110	Pyrene-edged Fe(II)4L6 cages adaptively reconfigure during guest binding. <i>Journal of the American Chemical Society</i> , 2014 , 136, 15615-24	16.4	76
109	Predicting paramagnetic 1H NMR chemical shifts and state-energy separations in spin-crossover host-guest systems. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 10620-8	3.6	31
108	Stereochemistry in subcomponent self-assembly. <i>Accounts of Chemical Research</i> , 2014 , 47, 2063-73	24.3	319
107	Cation- and anion-exchanges induce multiple distinct rearrangements within metallosupramolecular architectures. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9491-8	16.4	76
106	Temperature- and voltage-induced ligand rearrangement of a dynamic electroluminescent metallopolymer. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8388-91	16.4	70
105	Palladium-templated subcomponent self-assembly of macrocycles, catenanes, and rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10701-5	16.4	42
104	Empirical and theoretical insights into the structural features and host-guest chemistry of M8L4 tube architectures. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3972-80	16.4	28
103	Aqueous anion receptors through reduction of subcomponent self-assembled structures. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1556-9	16.4	43
102	Two distinct allosteric active sites regulate guest binding within a FeMoO ₄ cubic receptor. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7038-43	16.4	52

101	Fluorophore incorporation allows nanomolar guest sensing and white-light emission in M4L6 cage complexes. <i>Chemical Science</i> , 2014 , 5, 908-915	9.4	110
100	Solvent effects upon guest binding and dynamics of a Fe(II)4L4 cage. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14545-53	16.4	59
99	Post-assembly modification of kinetically metastable Fe(II)2L3 triple helicates. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8201-4	16.4	59
98	Stereochemical Communication within Tetrahedral Capsules. <i>Chemistry Letters</i> , 2014 , 43, 256-263	1.7	42
97	Selective Encapsulation and Sequential Release of Guests Within a Self-Sorting Mixture of Three Tetrahedral Cages. <i>Angewandte Chemie</i> , 2014 , 126, 4644-4648	3.6	21
96	Aqueous Anion Receptors through Reduction of Subcomponent Self-Assembled Structures. <i>Angewandte Chemie</i> , 2014 , 126, 1582-1585	3.6	8
95	Palladium-Templated Subcomponent Self-Assembly of Macrocycles, Catenanes, and Rotaxanes. <i>Angewandte Chemie</i> , 2014 , 126, 10877-10881	3.6	12
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