

Makoto Fujita

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.

249 papers	29,081 citations	81 h-index	168 g-index
261 ext. papers	31,381 ext. citations	11.9 avg, IF	7.42 L-index

#	Paper	IF	Citations
249	Amplification of weak chiral inductions for excellent control over the helical orientation of discrete topologically chiral (ML) polyhedra.. <i>Chemical Science</i> , 2022 , 13, 4372-4376	9.4	4
248	Self-assembly of nanostructures with high complexity based on metal-unsaturated-bond coordination. <i>Coordination Chemistry Reviews</i> , 2022 , 466, 214605	23.2	0
247	Solvent Effects in the Crystalline Sponge Method: Importance of Co-solvents for Ordering Absorbed Guests. <i>Organic Letters</i> , 2021 , 23, 9288-9291	6.2	
246	Metal-Peptide Nonafoil Knots and Decafoil Supercoils. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16734-16739	16.4	10
245	Absolute Configuration Determination from Low ee Compounds by the Crystalline Sponge Method. Unusual Conglomerate Formation in a Pre-Determined Crystalline Lattice. <i>Angewandte Chemie</i> , 2021 , 133, 11915-11919	3.6	
244	Absolute Configuration Determination from Low ee Compounds by the Crystalline Sponge Method. Unusual Conglomerate Formation in a Pre-Determined Crystalline Lattice. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11809-11813	16.4	1
243	Parallel and antiparallel peptide double helices controlled by metal-induced folding and assembly. <i>Natural Sciences</i> , 2021 , 1, e10008		4
242	A Highly Entangled (ML) Truncated Cube from the Anion-Controlled Oligomerization of a π -Coordinated ML Subunit. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8578-8582	16.4	15
241	An IrL complex with anion binding pockets: photocatalytic - isomerization molecular recognition. <i>Chemical Communications</i> , 2021 , 57, 9300-9302	5.8	2
240	Crystalline Sponge Method: X-ray Structure Analysis of Small Molecules by Post-Orientation within Porous Crystals-Principle and Proof-of-Concept Studies. <i>Angewandte Chemie</i> , 2021 , 133, 25408	3.6	0
239	Crystalline Sponge Method: X-ray Structure Analysis of Small Molecules by Post-Orientation within Porous Crystals-Principle and Proof-of-Concept Studies. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25204-25222	16.4	10
238	A Robust Double-walled Knotted Cage Revealed Guest Binding through Adaptive Portal Expansion. <i>Chemistry Letters</i> , 2020 , 49, 912-914	1.7	1
237	A Double-Walled Knotted Cage for Guest-Adaptive Molecular Recognition. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5504-5508	16.4	43
236	Synthetic-biology-based discovery of a fungal macrolide from <i>Macrophomina phaseolina</i> . <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 2813-2816	3.9	11
235	Colletofurans A-E, 1-Octyl-1,3-dihydroisobenzofuran Derivatives from AM-12-2. <i>Organic Letters</i> , 2020 , 22, 3161-3165	6.2	6
234	Metal-Peptide Torus Knots from Flexible Short Peptides. <i>Chem</i> , 2020 , 6, 294-303	16.2	52
233	Self-Assembly of Coordination Polyhedra with Highly Entangled Faces Induced by Metal-Acetylene Interactions. <i>Angewandte Chemie</i> , 2020 , 132, 3478-3482	3.6	6

232	Exploiting a C-N Bond Forming Cytochrome P450 Monooxygenase for C-S Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3988-3993	16.4	19
231	Self-Assembly of Coordination Polyhedra with Highly Entangled Faces Induced by Metal-Acetylene Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3450-3454	16.4	30
230	Exploiting a C-N Bond Forming Cytochrome P450 Monooxygenase for C-S Bond Formation. <i>Angewandte Chemie</i> , 2020 , 132, 4017-4022	3.6	4
229	Confinement of Water-Soluble Cationic Substrates in a Cationic Molecular Cage by Capping the Portals with Tripodal Anions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17919-17922	16.4	14
228	X-ray Crystallographic Observation of Chiral Transformations within a Metal-Peptide Pore. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20367-20370	16.4	11
227	Folding and Assembly of Metal-Linked Peptidic Nanostructures. <i>Chem</i> , 2020 , 6, 1861-1876	16.2	21
226	Exploiting the Potential of Meroterpenoid Cyclases to Expand the Chemical Space of Fungal Meroterpenoids. <i>Angewandte Chemie</i> , 2020 , 132, 23980-23989	3.6	7
225	X-ray Crystallographic Observation of Chiral Transformations within a Metal-Peptide Pore. <i>Angewandte Chemie</i> , 2020 , 132, 20547-20550	3.6	3
224	"Eggs in egg cartons": co-crystallization to embed molecular cages into crystalline lattices. <i>Chemical Science</i> , 2020 , 11, 10457-10460	9.4	10
223	Exploiting the Potential of Meroterpenoid Cyclases to Expand the Chemical Space of Fungal Meroterpenoids. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23772-23781	16.4	17
222	Enhanced reactivity of twisted amides inside a molecular cage. <i>Nature Chemistry</i> , 2020 , 12, 574-578	17.6	77
221	Demethylenation of Cyclopropanes via Photoinduced Guest-to-Host Electron Transfer in an M ₆ L ₄ Cage. <i>Angewandte Chemie</i> , 2019 , 131, 9269-9271	3.6	16
220	Demethylenation of Cyclopropanes via Photoinduced Guest-to-Host Electron Transfer in an M ₆ L ₄ Cage. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9171-9173	16.4	42
219	Site-Selective Functionalization of Linear Diterpenoids through U-Shaped Folding in a Confined Artificial Cavity. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5112-5115	16.4	59
218	Metal-peptide rings form highly entangled topologically inequivalent frameworks with the same ring- and crossing-numbers. <i>Nature Communications</i> , 2019 , 10, 921	17.4	45
217	Structural Elucidation of Tenebrathin: Cytotoxic C-5-Substituted β -Pyronone with a Nitroaryl Side Chain from. <i>Organic Letters</i> , 2019 , 21, 6519-6522	6.2	4
216	Repeated evolution of cytochrome P450-mediated spiroketal steroid biosynthesis in plants. <i>Nature Communications</i> , 2019 , 10, 3206	17.4	51
215	Biomimetic Synthesis of Meroterpenoids by Dearomatization-Driven Polycyclization. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16141-16146	16.4	18

214	Biomimetic Synthesis of Meroterpenoids by Dearomatization-Driven Polycyclization. <i>Angewandte Chemie</i> , 2019 , 131, 16287-16292	3.6	6
213	A metal-peptide capsule by multiple ring threading. <i>Nature Communications</i> , 2019 , 10, 5687	17.4	31
212	Microgram-scale X-ray Structure Analysis of Small Molecules via High-throughput Co-crystallization. <i>Chemistry Letters</i> , 2018 , 47, 617-619	1.7	3
211	Oligoacetylacetones as shapable carbon chains and their transformation to oligoimines for construction of metal-organic architectures. <i>Communications Chemistry</i> , 2018 , 1,	6.3	21
210	Crystalline-Sponge-Based Structural Analysis of Crude Natural Product Extracts. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3671-3675	16.4	45
209	Crystalline-Sponge-Based Structural Analysis of Crude Natural Product Extracts. <i>Angewandte Chemie</i> , 2018 , 130, 3733-3737	3.6	10
208	Stereospecific Ring Contraction of Bromocycloheptenes through Dyotropic Rearrangements via Nonclassical Carbocation-Anion Pairs. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4986-4990	16.4	7
207	Gourmet Principle. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2018 , 76, 1365-1367		
206	Triple photochemical domino reaction of a tetrafluorostilbene terminating in double fluorine atom transfer. <i>Communications Chemistry</i> , 2018 , 1,	6.3	6
205	Crystalline Sponge Method Enabled the Investigation of a Prenyltransferase-terpene Synthase Chimeric Enzyme, Whose Product Exhibits Broadened NMR Signals. <i>Organic Letters</i> , 2018 , 20, 5606-5609	6.2	28
204	Desymmetrization of meso-Dibromocycloalkenes through Copper(I)-Catalyzed Asymmetric Allylic Substitution with Organolithium Reagents. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7052-7055	16.4	17
203	Collimonins A-D, Unstable Polyynes with Antifungal or Pigmentation Activities from the Fungus-Feeding Bacterium <i>Collimonas fungivorans</i> Ter331. <i>Organic Letters</i> , 2018 , 20, 3536-3540	6.2	28
202	Synthetic EBarrel by Metal-Induced Folding and Assembly. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8644-8647	16.4	22
201	Permeable Self-Assembled Molecular Containers for Catalyst Isolation Enabling Two-Step Cascade Reactions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6090-6093	16.4	162
200	Determination of the absolute configuration of compounds bearing chiral quaternary carbon centers using the crystalline sponge method. <i>Chemical Science</i> , 2017 , 8, 5132-5136	9.4	32
199	Finding a New Crystalline Sponge from a Crystallographic Database. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 208-211	4.5	28
198	Self-assembly of a Peptide [2]Catenane through ELoop Folding. <i>Chemistry Letters</i> , 2017 , 46, 1119-1121	1.7	13
197	Porous Peptide Complexes by a Folding-and-Assembly Strategy. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1715-1718	4.5	22

196	Structural Elucidation of Trace Amounts of Volatile Compounds Using the Crystalline Sponge Method. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1057-1061	4.5	34
195	Hyper-Assembly of Self-Assembled Glycoclusters Mediated by Specific Carbohydrate-Carbohydrate Interactions. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 968-972	4.5	10
194	A Red Algal Bourbonane Sesquiterpene Synthase Defined by Microgram-Scale NMR-Coupled Crystalline Sponge X-ray Diffraction Analysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16838-16844	16.4	26
193	X-ray Structure Analysis of N-Containing Nucleophilic Compounds by the Crystalline Sponge Method. <i>Chemistry - A European Journal</i> , 2017 , 23, 15035-15040	4.8	31
192	Self-Assembly of Giant Spherical Liquid-Crystalline Complexes and Formation of Nanostructured Dynamic Gels that Exhibit Self-Healing Properties. <i>Angewandte Chemie</i> , 2017 , 129, 14273-14277	3.6	16
191	Self-Assembly of Giant Spherical Liquid-Crystalline Complexes and Formation of Nanostructured Dynamic Gels that Exhibit Self-Healing Properties. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14085-14089	16.4	60
190	Chiral Crystalline Sponges for the Absolute Structure Determination of Chiral Guests. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11341-11344	16.4	38
189	Cycloelatanene A and B: absolute configuration determination and structural revision by the crystalline sponge method. <i>Chemical Science</i> , 2017 , 8, 1547-1550	9.4	38
188	Application of the Crystalline Sponge Method to Revise the Structure of the Phenalenone Fuliginone. <i>Molecules</i> , 2017 , 22,	4.8	17
187	Absolute Configuration Determination by the Crystalline Sponge Method. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2017 , 75, 538-547	0.2	
186	Capsule-bowl conversion triggered by a guest reaction. <i>Chemical Communications</i> , 2016 , 52, 11653-11656	5.8	20
185	Selective Co-Encapsulation Inside an M L Cage. <i>Chemistry - A European Journal</i> , 2016 , 22, 15468-15474	4.8	27
184	High-resolution X-ray structure of methyl salicylate, a time-honored oily medicinal drug, solved by crystalline sponge method. <i>Tetrahedron Letters</i> , 2016 , 57, 4633-4636	2	15
183	Peptide [4]Catenane by Folding and Assembly. <i>Angewandte Chemie</i> , 2016 , 128, 4595-4598	3.6	15
182	Compressed Corannulene in a Molecular Cage. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15614-15616	16.4	58
181	Astellifadiene: Structure Determination by NMR Spectroscopy and Crystalline Sponge Method, and Elucidation of its Biosynthesis. <i>Angewandte Chemie</i> , 2016 , 128, 5879-5882	3.6	43
180	Determination of the Absolute Configuration of the Pseudo-Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2678-82	16.4	77
179	Structure determination of microbial metabolites by the crystalline sponge method. <i>Chemical Science</i> , 2016 , 7, 3910-3913	9.4	48

178	Determination of the Absolute Configuration of the Pseudo-Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. <i>Angewandte Chemie</i> , 2016 , 128, 2728-2732	3.6	23
177	Undeniable Confirmation of the syn-Addition Mechanism for Metal-Free Diboration by Using the Crystalline Sponge Method. <i>Chemistry - A European Journal</i> , 2016 , 22, 4723-6	4.8	47
176	Capsule-Capsule Conversion by Guest Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2063-6	16.4	51
175	Astellifadiene: Structure Determination by NMR Spectroscopy and Crystalline Sponge Method, and Elucidation of its Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5785-8	16.4	114
174	In Situ Observation of Thiol Michael Addition to a Reversible Covalent Drug in a Crystalline Sponge. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4919-23	16.4	48
173	Peptide [4]Catenane by Folding and Assembly. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4519-24	16.4	67
172	In Situ Observation of Thiol Michael Addition to a Reversible Covalent Drug in a Crystalline Sponge. <i>Angewandte Chemie</i> , 2016 , 128, 5003-5007	3.6	9
171	Self-assembly of tetravalent Goldberg polyhedra from 144 small components. <i>Nature</i> , 2016 , 540, 563-566	16.4	369
170	The crystalline sponge method updated. <i>IUCrJ</i> , 2016 , 3, 139-51	4.7	137
169	A saccharide-based crystalline sponge for hydrophilic guests. <i>Chemical Communications</i> , 2016 , 52, 7013-5	5.8	37
168	X-ray Structure Analysis of Ozonides by the Crystalline Sponge Method. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10140-2	16.4	56
167	Self-Assembly of M 30 L 60 Icosidodecahedron. <i>Chem</i> , 2016 , 1, 91-101	16.2	190
166	Bridging Adhesion of a Protein onto an Inorganic Surface Using Self-Assembled Dual-Functionalized Spheres. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12890-6	16.4	17
165	Rectifying Electron-Transport Properties through Stacks of Aromatic Molecules Inserted into a Self-Assembled Cage. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5939-47	16.4	100
164	One-step synthesis of [16]helicene. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6847-51	16.4	147
163	Cavity-promoted Diels-Alder Reactions of Unsubstituted Naphthalene: Fine Reactivity Tuning by Cavity Shrinkage. <i>Chemistry Letters</i> , 2015 , 44, 1095-1097	1.7	13
162	Phosphine-Catalyzed Umpolung Domino Reaction of Allenic Esters: Facile Synthesis of Tetrahydrobenzofuranones Bearing a Chiral Tetrasubstituted Stereogenic Carbon Center. <i>Angewandte Chemie</i> , 2015 , 127, 15731-15735	3.6	42
161	Halogen-Bond-Assisted Guest Inclusion in a Synthetic Cavity. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8411-4	16.4	47

160	Phosphine-Catalyzed α -Mmpolung Domino Reaction of Allenic Esters: Facile Synthesis of Tetrahydrobenzofuranones Bearing a Chiral Tetrasubstituted Stereogenic Carbon Center. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15511-5	16.4	100
159	Where is the Oxygen? Structural Analysis of β -Humulene Oxidation Products by the Crystalline Sponge Method. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9033-7	16.4	66
158	Finely Resolved Threshold for the Sharp M12L24/M24L48 Structural Switch in Multi-Component M(n)L(2n) Polyhedral Assemblies: X-ray, MS, NMR, and Ultracentrifugation Analyses. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2292-5	4.5	18
157	A Self-Assembled Spherical Complex Displaying a Gangliosidic Glycan Cluster Capable of Interacting with Amyloidogenic Proteins. <i>Angewandte Chemie</i> , 2015 , 127, 8555-8559	3.6	6
156	A Self-Assembled Spherical Complex Displaying a Gangliosidic Glycan Cluster Capable of Interacting with Amyloidogenic Proteins. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8435-9	16.4	32
155	Where is the Oxygen? Structural Analysis of β -Humulene Oxidation Products by the Crystalline Sponge Method. <i>Angewandte Chemie</i> , 2015 , 127, 9161-9165	3.6	24
154	Absolute structure determination of compounds with axial and planar chirality using the crystalline sponge method. <i>Chemical Science</i> , 2015 , 6, 3765-3768	9.4	87
153	Cavity-Directed Chromism of Phthalein Dyes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7043-6	6.4	51
152	CATALYSIS. A speedy marriage in supramolecular catalysis. <i>Science</i> , 2015 , 350, 1165-6	33.3	22
151	Preparation and guest-uptake protocol for a porous complex useful for 'crystal-free' crystallography. <i>Nature Protocols</i> , 2014 , 9, 246-52	18.8	105
150	Coordination-driven folding and assembly of a short peptide into a protein-like two-nanometer-sized channel. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7228-32	16.4	77
149	Recognition of polyfluorinated compounds through self-aggregation in a cavity. <i>Journal of the American Chemical Society</i> , 2014 , 136, 1786-8	16.4	76
148	Radical C-H Functionalization of Heteroarenes under Electrochemical Control. <i>Angewandte Chemie</i> , 2014 , 126, 12062-12065	3.6	73
147	Radical C-H functionalization of heteroarenes under electrochemical control. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11868-71	16.4	228
146	Coordination-Driven Folding and Assembly of a Short Peptide into a Protein-like Two-Nanometer-Sized Channel. <i>Angewandte Chemie</i> , 2014 , 126, 7356-7360	3.6	25
145	Stepwise DNA condensation by a histone-mimic peptide-coated M12L24 spherical complex. <i>Chemical Science</i> , 2014 , 5, 3257	9.4	24
144	X-ray snapshot observation of palladium-mediated aromatic bromination in a porous complex. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6892-5	16.4	61
143	Visualization of Solution Chemistry by X-ray Crystallography Using Porous Coordination Networks. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 1161-1176	5.1	19

- 142 Dynamic behavior of M6L4 capsules in solution and crystalline states. *Chemistry - an Asian Journal*, **2013**, 8, 2596-9 4.5 9
- 141 Giant hollow M(n)L(2n) spherical complexes: structure, functionalisation and applications. *Chemical Communications*, **2013**, 49, 6703-12 5.8 444
- 140 X-ray analysis on the nanogram to microgram scale using porous complexes. *Nature*, **2013**, 495, 461-6 50.4 593
- 139 Metal-Organic Caged Assemblies **2013**, 351-374 1
- 138 Noncovalent tailoring of the binding pocket of self-assembled cages by remote bulky ancillary groups. *Journal of the American Chemical Society*, **2013**, 135, 613-5 16.4 53
- 137 Synthesis of a Bridging Ligand with a Non-denatured Protein Pendant: Toward Protein Encapsulation in a Coordination Cage. *Chemistry Letters*, **2012**, 41, 313-315 1.7 15
- 136 Cage-catalyzed Knoevenagel condensation under neutral conditions in water. *Journal of the American Chemical Society*, **2012**, 134, 162-4 16.4 227
- 135 A self-assembled cage as a non-covalent protective group: regioselectivity control in the nucleophilic substitution of aryl-substituted allylic chlorides. *Chemical Communications*, **2012**, 48, 7811-3 5.8 23
- 134 Protein encapsulation within synthetic molecular hosts. *Nature Communications*, **2012**, 3, 1093 17.4 170
- 133 Temporary and permanent trapping of the metastable twisted conformer of an overcrowded chromic alkene via encapsulation. *Journal of the American Chemical Society*, **2012**, 134, 17420-3 16.4 61
- 132 Self-Assembly of M24L48 Polyhedra Based on Empirical Prediction. *Angewandte Chemie*, **2012**, 124, 3215-3217 3.2 32
- 131 Incarceration of (PdO)_n and Pd_n Clusters by Cage-Templated Synthesis of Hollow Silica Nanoparticles. *Angewandte Chemie*, **2012**, 124, 5995-5998 3.6 11
- 130 Incarceration of (PdO)_n and Pd(n) clusters by cage-templated synthesis of hollow silica nanoparticles. *Angewandte Chemie - International Edition*, **2012**, 51, 5893-6 16.4 40
- 129 Unusual photoreaction of triquinacene within self-assembled hosts. *Chemistry - an Asian Journal*, **2012**, 7, 826-9 4.5 27
- 128 Remote chiral transfer into [2+2] and [2+4] cycloadditions within self-assembled molecular flasks. *Supramolecular Chemistry*, **2011**, 23, 199-208 1.8 24
- 127 Diels-Alder via molecular recognition in a crystalline molecular flask. *Journal of the American Chemical Society*, **2011**, 133, 16806-8 16.4 51
- 126 Molecular Self-Assembly Based on Coordination Chemistry. *Bulletin of Japan Society of Coordination Chemistry*, **2011**, 57, 13-29 0.3 2
- 125 Crystalline molecular flasks. *Nature Chemistry*, **2011**, 3, 349-58 17.6 497

124	Shedding light on hidden reaction pathways in radical polymerization by a porous coordination network. <i>Chemical Communications</i> , 2011 , 47, 12113-5	5.8	9
123	Photo-driven anti-Markovnikov alkyne hydration in self-assembled hollow complexes. <i>Chemical Communications</i> , 2011 , 47, 10960-2	5.8	38
122	Dramatic structural rearrangements in porous coordination networks. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5853-60	16.4	76
121	Template synthesis of precisely monodisperse silica nanoparticles within self-assembled organometallic spheres. <i>Nature Chemistry</i> , 2010 , 2, 25-9	17.6	130
120	Networked molecular cages as crystalline sponges for fullerenes and other guests. <i>Nature Chemistry</i> , 2010 , 2, 780-3	17.6	280
119	Naphthalene Diels-Alder in a self-assembled molecular flask. <i>Journal of the American Chemical Society</i> , 2010 , 132, 2866-7	16.4	194
118	Inducing alpha-helices in short oligopeptides through binding by an artificial hydrophobic cavity. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5564-5	16.4	35
117	From Hofmann Complexes to Organic Coordination Networks 2010 , 1-35		2
116	Self-assembled M24L48 polyhedra and their sharp structural switch upon subtle ligand variation. <i>Science</i> , 2010 , 328, 1144-7	33.3	651
115	Peptide-coated, self-assembled M12L24 coordination spheres and their immobilization onto an inorganic surface. <i>Chemical Science</i> , 2010 , 1, 68	9.4	55
114	Solid-liquid interface synthesis of microcrystalline porous coordination networks. <i>Chemical Communications</i> , 2010 , 46, 6515-7	5.8	34
113	Noncovalent Assemblies: Design and Synthesis 2010 , 7-30		1
112	Development of Unique Chemical Phenomena within Nanometer-Sized, Self-Assembled Coordination Hosts. <i>Bulletin of the Chemical Society of Japan</i> , 2010 , 83, 609-618	5.1	75
111	Regioselective Huisgen Cycloaddition within Porous Coordination Networks. <i>Angewandte Chemie</i> , 2010 , 122, 2425-2427	3.6	13
110	The Reaction of Organozinc Compounds with an Aldehyde within a Crystalline Molecular Flask. <i>Angewandte Chemie</i> , 2010 , 122, 5886-5888	3.6	7
109	A Molecular Capsule Network: Guest Encapsulation and Control of Diels-Alder Reactivity. <i>Angewandte Chemie</i> , 2010 , 122, 9096-9098	3.6	13
108	Regioselective Huisgen cycloaddition within porous coordination networks. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2375-7	16.4	42
107	The reaction of organozinc compounds with an aldehyde within a crystalline molecular flask. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5750-2	16.4	41

106	A molecular capsule network: guest encapsulation and control of Diels-Alder reactivity. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8912-4	16.4	53
105	Funktionale molekulare Reaktionskolben: neuartige Eigenschaften und Reaktionen in diskreten, selbstorganisierten Wirtmolekülen. <i>Angewandte Chemie</i> , 2009 , 121, 3470-3490	3.6	437
104	Conformational Preferences of Short Peptide Fragments. <i>Angewandte Chemie</i> , 2009 , 121, 8851-8854	3.6	17
103	Functional molecular flasks: new properties and reactions within discrete, self-assembled hosts. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3418-38	16.4	1520
102	Conformational preferences of short peptide fragments. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8695-8	16.4	55
101	X-ray observation of a transient hemiaminal trapped in a porous network. <i>Nature</i> , 2009 , 461, 633-5	50.4	241
100	In situ spectroscopic, electrochemical, and theoretical studies of the photoinduced host-guest electron transfer that precedes unusual host-mediated alkane photooxidation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4764-8	16.4	96
99	Remarkable stabilization of M(12)L(24) spherical frameworks through the cooperation of 48 Pd(II)-pyridine interactions. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6064-5	16.4	142
98	Photo-induced self-assembly of Pt(II)-linked rings and cages via the photolabilization of a Pt(II)py bond. <i>New Journal of Chemistry</i> , 2009 , 33, 264	3.6	41
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