Makoto Fujita

List of Publications by Year
in descending order

231 papers	34,025 citations	4120 87 h-index	3638 180 g-index
261 all docs	261 docs citations	261 times ranked	14169 citing authors

#	Article	IF	Citations
1	Structure Analysis of Polyhalogenated Persistent Organic Pollutants by the Crystalline Sponge Method. Chemistry Letters, 2022, 51, 85-87.	0.7	2
2	Comprehensive Structural Analysis of the Bitter Components in Beer by the HPLCâ€Assisted Crystalline Sponge Method. Chemistry - A European Journal, 2022, 28, .	1.7	4
3	Amplification of weak chiral inductions for excellent control over the helical orientation of discrete topologically chiral (M₃L₂)_npolyhedra. Chemical Science, 2022, 13, 4372-4376.	3.7	8
4	Electrophilic Spirocyclization of a 2â€Biphenylacetylene via Conformational Fixing within a Hollowâ€Cage Host. Angewandte Chemie - International Edition, 2022, 61, .	7.2	18
5	Self-assembly of nanostructures with high complexity based on metalâ¯unsaturated-bond coordination. Coordination Chemistry Reviews, 2022, 466, 214605.	9.5	36
6	An Ir₃L₂ complex with anion binding pockets: photocatalytic Eâ€“Z isomerization via molecular recognition. Chemical Communications, 2021, 57, 9300-9302.	2.2	14
7	Absolute Configuration Determination from Low ee Compounds by the Crystalline Sponge Method. Unusual Conglomerate Formation in a Preâ€Determined Crystalline Lattice. Angewandte Chemie, 2021, 133, 11915-11919.	1.6	0
8	Absolute Configuration Determination from Low ee Compounds by the Crystalline Sponge Method. Unusual Conglomerate Formation in a Preâ€Determined Crystalline Lattice. Angewandte Chemie - International Edition, 2021, 60, 11809-11813.	7.2	7
9	Parallel and antiparallel peptide double Î²â€helices controlled by metalâ€induced folding and assembly. Natural Sciences, 2021, 1, e10008.	1.0	12
10	A Highly Entangled (M₃L₂)₈ Truncated Cube from the Anion-Controlled Oligomerization of a Ï€-Coordinated M₃L₂ Subunit. Journal of the American Chemical Society, 2021, 143, 8578-8582.	6.6	46
11	Orderly Entangled Nanostructures of Metalâ€“Peptide Strands. Bulletin of the Chemical Society of Japan, 2021, 94, 2342-2350.	2.0	29
12	Crystalline Sponge Method: Xâ€ray Structure Analysis of Small Molecules by Postâ€Orientation within Porous Crystalsâ€”Principle and Proofâ€ofâ€Concept Studies. Angewandte Chemie, 2021, 133, 25408.	1.6	2
13	Crystalline Sponge Method: Xâ€ray Structure Analysis of Small Molecules by Postâ€Orientation within Porous Crystalsâ€”Principle and Proofâ€ofâ€Concept Studies. Angewandte Chemie - International Edition, 2021, 60, 25204-25222.	7.2	42
14	Molecular Confinement Effects by Self-Assembled Coordination Cages. Bulletin of the Chemical Society of Japan, 2021, 94, 2351-2369.	2.0	63
15	Metalâ€“Peptide Nonafoil Knots and Decafoil Supercoils. Journal of the American Chemical Society, 2021, 143, 16734-16739.	6.6	33
16	Solvent Effects in the Crystalline Sponge Method: Importance of Co-solvents for Ordering Absorbed Guests. Organic Letters, 2021, 23, 9288-9291.	2.4	1
17	Metal-Peptide Torus Knots from Flexible Short Peptides. CheM, 2020, 6, 294-303.	5.8	97
18	Selfâ€Assembly of Coordination Polyhedra with Highly Entangled Faces Induced by Metalâ€“Acetylene Interactions. Angewandte Chemie, 2020, 132, 3478-3482.	1.6	10

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19	Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie - International Edition, 2020, 59, 3988-3993.	7.2	27
20	Selfâ€Assembly of Coordination Polyhedra with Highly Entangled Faces Induced by Metalâ€“Acetylene Interactions. Angewandte Chemie - International Edition, 2020, 59, 3450-3454.	7.2	54
21	Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie, 2020, 132, 4017-4022.	1.6	4
22	Confinement of Water-Soluble Cationic Substrates in a Cationic Molecular Cage by Capping the Portals with Tripodal Anions. Journal of the American Chemical Society, 2020, 142, 17919-17922.	6.6	47
23	Frontispiece: Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie - International Edition, 2020, 59, .	7.2	0
24	Xâ€ray Crystallographic Observation of Chiral Transformations within a Metalâ€“Peptide Pore. Angewandte Chemie - International Edition, 2020, 59, 20367-20370.	7.2	31
25	Folding and Assembly of Metal-Linked Peptidic Nanostructures. CheM, 2020, 6, 1861-1876.	5.8	55
26	Exploiting the Potential of Meroterpenoid Cyclases to Expand the Chemical Space of Fungal Meroterpenoids. Angewandte Chemie, 2020, 132, 23980-23989.	1.6	9
27	Xâ€ray Crystallographic Observation of Chiral Transformations within a Metalâ€“Peptide Pore. Angewandte Chemie, 2020, 132, 20547-20550.	1.6	9
28	â€œEggs in egg cartonsâ€• co-crystallization to embed molecular cages into crystalline lattices. Chemical Science, 2020, 11, 10457-10460.	3.7	18
29	Exploiting the Potential of Meroterpenoid Cyclases to Expand the Chemical Space of Fungal Meroterpenoids. Angewandte Chemie - International Edition, 2020, 59, 23772-23781.	7.2	28
30	A Robust Double-walled Knotted Cage Revealed Guest Binding through Adaptive Portal Expansion. Chemistry Letters, 2020, 49, 912-914.	0.7	1
31	A Double-Walled Knotted Cage for Guest-Adaptive Molecular Recognition. Journal of the American Chemical Society, 2020, 142, 5504-5508.	6.6	85
32	Synthetic-biology-based discovery of a fungal macrolide from Macrophomina phaseolina. Organic and Biomolecular Chemistry, 2020, 18, 2813-2816.	1.5	17
33	Colletofurans Aâ€“E, 1-Octyl-1,3-dihydroisobenzofuran Derivatives from Colletotrichum boninense AM-12-2. Organic Letters, 2020, 22, 3161-3165.	2.4	10
34	Frontispiz: Exploiting a Câ€“N Bond Forming Cytochromeâ€…P450 Monooxygenase for Câ€“S Bond Formation. Angewandte Chemie, 2020, 132, .	1.6	0
35	Enhanced reactivity of twisted amides inside a molecular cage. Nature Chemistry, 2020, 12, 574-578.	6.6	164
36	Structural Elucidation of Tenebrathin: Cytotoxic C-5-Substituted Î³-Pyrone with a Nitroaryl Side Chain from Streptoalloteichus tenebrarius. Organic Letters, 2019, 21, 6519-6522.	2.4	6

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37	Repeated evolution of cytochrome P450-mediated spiroketal steroid biosynthesis in plants. Nature Communications, 2019, 10, 3206.	5.8	110
38	Biomimetic Synthesis of Meroterpenoids by Dearomatizationâ€Driven Polycyclization. Angewandte Chemie - International Edition, 2019, 58, 16141-16146.	7.2	26
39	Biomimetic Synthesis of Meroterpenoids by Dearomatizationâ€Driven Polycyclization. Angewandte Chemie, 2019, 131, 16287-16292.	1.6	7
40	Demethylenation of Cyclopropanes via Photoinduced Guestâ€toâ€Host Electron Transfer in an M 6 L 4 Cage. Angewandte Chemie, 2019, 131, 9269-9271.	1.6	26
41	Demethylenation of Cyclopropanes via Photoinduced Guestâ€toâ€Host Electron Transfer in an M₆L₄ Cage. Angewandte Chemie - International Edition, 2019, 58, 9171-9173.	7.2	84
42	Site-Selective Functionalization of Linear Diterpenoids through U-Shaped Folding in a Confined Artificial Cavity. Journal of the American Chemical Society, 2019, 141, 5112-5115.	6.6	88
43	Metalâ€“peptide rings form highly entangled topologically inequivalent frameworks with the same ring- and crossing-numbers. Nature Communications, 2019, 10, 921.	5.8	68
44	A metalâ€“peptide capsule by multiple ring threading. Nature Communications, 2019, 10, 5687.	5.8	61
45	Microgram-scale X-ray Structure Analysis of Small Molecules via High-throughput Co-crystallization. Chemistry Letters, 2018, 47, 617-619.	0.7	3
46	Oligoacetylacetones as shapable carbon chains and their transformation to oligoimines for construction of metal-organic architectures. Communications Chemistry, 2018, 1, .	2.0	28
47	Crystallineâ€Spongeâ€Based Structural Analysis of Crude Natural Product Extracts. Angewandte Chemie - International Edition, 2018, 57, 3671-3675.	7.2	55
48	Crystallineâ€Spongeâ€Based Structural Analysis of Crude Natural Product Extracts. Angewandte Chemie, 2018, 130, 3733-3737.	1.6	12
49	Stereospecific Ring Contraction of Bromocycloheptenes through Dyotropic Rearrangements via Nonclassical Carbocationâ€“Anion Pairs. Journal of the American Chemical Society, 2018, 140, 4986-4990.	6.6	17
50	Triple photochemical domino reaction of a tetrafluorostilbene terminating in double fluorine atom transfer. Communications Chemistry, 2018, 1, .	2.0	8
51	Crystalline Sponge Method Enabled the Investigation of a Prenyltransferase-terpene Synthase Chimeric Enzyme, Whose Product Exhibits Broadened NMR Signals. Organic Letters, 2018, 20, 5606-5609.	2.4	41
52	Desymmetrization of meso-Dibromocycloalkenes through Copper(I)-Catalyzed Asymmetric Allylic Substitution with Organolithium Reagents. Journal of the American Chemical Society, 2018, 140, 7052-7055.	6.6	26
53	Collimonins Aâ€“D, Unstable Polyynes with Antifungal or Pigmentation Activities from the Fungus-Feeding Bacterium Collimonas fungivorans Ter331. Organic Letters, 2018, 20, 3536-3540.	2.4	46
54	Synthetic Î²-Barrel by Metal-Induced Folding and Assembly. Journal of the American Chemical Society, 2018, 140, 8644-8647.	6.6	33

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55	Gourmet Principle. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2018, 76, 1365-1367.	0.0	0
56	Permeable Self-Assembled Molecular Containers for Catalyst Isolation Enabling Two-Step Cascade Reactions. Journal of the American Chemical Society, 2017, 139, 6090-6093.	6.6	225
57	Determination of the absolute configuration of compounds bearing chiral quaternary carbon centers using the crystalline sponge method. Chemical Science, 2017, 8, 5132-5136.	3.7	40
58	Finding a New Crystalline Sponge from a Crystallographic Database. Chemistry - an Asian Journal, 2017, 12, 208-211.	1.7	30
59	Self-assembly of a Peptide [2]Catenane through Î©-Loop Folding. Chemistry Letters, 2017, 46, 1119-1121.	0.7	16
60	Porous Peptide Complexes by a Foldingâ€andâ€Assembly Strategy. Chemistry - an Asian Journal, 2017, 12, 1715-1718.	1.7	30
61	Structural Elucidation of Trace Amounts of Volatile Compounds Using the Crystalline Sponge Method. Chemistry - an Asian Journal, 2017, 12, 1057-1061.	1.7	50
62	Hyperâ€Assembly of Selfâ€Assembled Glycoclusters Mediated by Specific Carbohydrateâ€“Carbohydrate Interactions. Chemistry - an Asian Journal, 2017, 12, 968-972.	1.7	11
63	A Red Algal Bourbonane Sesquiterpene Synthase Defined by Microgram-Scale NMR-Coupled Crystalline Sponge X-ray Diffraction Analysis. Journal of the American Chemical Society, 2017, 139, 16838-16844.	6.6	55
64	Xâ€ray Structure Analysis of Nâ€Containing Nucleophilic Compounds by the Crystalline Sponge Method. Chemistry - A European Journal, 2017, 23, 15035-15040.	1.7	46
65	Selfâ€Assembly of Giant Spherical Liquidâ€Crystalline Complexes and Formation of Nanostructured Dynamic Gels that Exhibit Selfâ€Healing Properties. Angewandte Chemie, 2017, 129, 14273-14277.	1.6	25
66	Selfâ€Assembly of Giant Spherical Liquidâ€Crystalline Complexes and Formation of Nanostructured Dynamic Gels that Exhibit Selfâ€Healing Properties. Angewandte Chemie - International Edition, 2017, 56, 14085-14089.	7.2	81
67	Chiral Crystalline Sponges for the Absolute Structure Determination of Chiral Guests. Journal of the American Chemical Society, 2017, 139, 11341-11344.	6.6	48
68	Cycloelatanene A and B: absolute configuration determination and structural revision by the crystalline sponge method. Chemical Science, 2017, 8, 1547-1550.	3.7	48
69	Application of the Crystalline Sponge Method to Revise the Structure of the Phenalenone Fuliginone. Molecules, 2017, 22, 211.	1.7	17
70	Absolute Configuration Determination by the Crystalline Sponge Method. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2017, 75, 538-547.	0.0	0
71	Determination of the Absolute Configuration of the Pseudoâ€Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. Angewandte Chemie, 2016, 128, 2728-2732.	1.6	27
72	Undeniable Confirmation of the synâ€Addition Mechanism for Metalâ€Free Diboration by Using the Crystalline Sponge Method. Chemistry - A European Journal, 2016, 22, 4723-4726.	1.7	52

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73	Capsuleâ€“Capsule Conversion by Guest Encapsulation. Angewandte Chemie - International Edition, 2016, 55, 2063-2066.	7.2	64
74	Astellifadiene: Structure Determination by NMR Spectroscopy and Crystalline Sponge Method, and Elucidation of its Biosynthesis. Angewandte Chemie - International Edition, 2016, 55, 5785-5788.	7.2	138
75	Inâ€…Situ Observation of Thiol Michael Addition to a Reversible Covalent Drug in a Crystalline Sponge. Angewandte Chemie - International Edition, 2016, 55, 4919-4923.	7.2	59
76	Peptide [4]Catenane by Folding and Assembly. Angewandte Chemie - International Edition, 2016, 55, 4519-4522.	7.2	80
77	Inâ€…Situ Observation of Thiol Michael Addition to a Reversible Covalent Drug in a Crystalline Sponge. Angewandte Chemie, 2016, 128, 5003-5007.	1.6	10
78	Self-assembly of tetravalent Goldberg polyhedra from 144 small components. Nature, 2016, 540, 563-566.	13.7	489
79	The crystalline sponge method updated. IUCrJ, 2016, 3, 139-151.	1.0	174
80	A saccharide-based crystalline sponge for hydrophilic guests. Chemical Communications, 2016, 52, 7013-7015.	2.2	40
81	X-ray Structure Analysis of Ozonides by the Crystalline Sponge Method. Journal of the American Chemical Society, 2016, 138, 10140-10142.	6.6	70
82	Self-Assembly of M 30 L 60 Icosidodecahedron. CheM, 2016, 1, 91-101.	5.8	246
83	Capsule-bowl conversion triggered by a guest reaction. Chemical Communications, 2016, 52, 11653-11656.	2.2	26
84	Selective Coâ€Encapsulation Inside an M₆L₄ Cage. Chemistry - A European Journal, 2016, 22, 15468-15474.	1.7	38
85	High-resolution X-ray structure of methyl salicylate, a time-honored oily medicinal drug, solved by crystalline sponge method. Tetrahedron Letters, 2016, 57, 4633-4636.	0.7	18
86	Peptide [4]Catenane by Folding and Assembly. Angewandte Chemie, 2016, 128, 4595-4598.	1.6	17
87	Compressed Corannulene in a Molecular Cage. Angewandte Chemie - International Edition, 2016, 55, 1561-1564.	7.2	64
88	Astellifadiene: Structure Determination by NMR Spectroscopy and Crystalline Sponge Method, and Elucidation of its Biosynthesis. Angewandte Chemie, 2016, 128, 5879-5882.	1.6	46
89	Determination of the Absolute Configuration of the Pseudoâ€Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. Angewandte Chemie - International Edition, 2016, 55, 2678-2682.	7.2	90
90	Structure determination of microbial metabolites by the crystalline sponge method. Chemical Science, 2016, 7, 3910-3913.	3.7	55

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91	Cavity-promoted Dielsâ€“Alder Reactions of Unsubstituted Naphthalene: Fine Reactivity Tuning by Cavity Shrinkage. Chemistry Letters, 2015, 44, 1095-1097.	0.7	17
92	Halogenâ€Bondâ€Assisted Guest Inclusion in a Synthetic Cavity. Angewandte Chemie - International Edition, 2015, 54, 8411-8414.	7.2	55
93	Phosphineâ€Catalyzed Î²,Î³â€Umpolung Domino Reaction of Allenic Esters: Facile Synthesis of Tetrahydrobenzofuranones Bearing a Chiral Tetrasubstituted Stereogenic Carbon Center. Angewandte Chemie - International Edition, 2015, 54, 15511-15515.	7.2	106
94	Where is the Oxygen? Structural Analysis of Î±â€Humulene Oxidation Products by the Crystalline Sponge Method. Angewandte Chemie - International Edition, 2015, 54, 9033-9037.	7.2	74
95	Finely Resolved Threshold for the Sharp M₁₂L₂₄/M₂₄L₄₈ Structural Switch in Multiâ€Component M_nL_{2n} Polyhedral Assemblies: Xâ€ray, MS, NMR, and Ultracentrifugation Analyses. Chemistry - an Asian Journal, 2015, 10, 2292-2295.	1.7	23
96	A Selfâ€Assembled Spherical Complex Displaying a Gangliosidic Glycan Cluster Capable of Interacting with Amyloidogenic Proteins. Angewandte Chemie - International Edition, 2015, 54, 8435-8439.	7.2	38
97	Absolute structure determination of compounds with axial and planar chirality using the crystalline sponge method. Chemical Science, 2015, 6, 3765-3768.	3.7	96
98	Cavity-Directed Chromism of Phthalein Dyes. Journal of the American Chemical Society, 2015, 137, 7043-7046.	6.6	64
99	A speedy marriage in supramolecular catalysis. Science, 2015, 350, 1165-1166.	6.0	24
100	Bridging Adhesion of a Protein onto an Inorganic Surface Using Self-Assembled Dual-Functionalized Spheres. Journal of the American Chemical Society, 2015, 137, 12890-12896.	6.6	20
101	Rectifying Electron-Transport Properties through Stacks of Aromatic Molecules Inserted into a Self-Assembled Cage. Journal of the American Chemical Society, 2015, 137, 5939-5947.	6.6	126
102	Oneâ€Step Synthesis of [16]Helicene. Angewandte Chemie - International Edition, 2015, 54, 6847-6851.	7.2	184
103	Fitting Proteins into Metal Organic Frameworks. ACS Central Science, 2015, 1, 352-353.	5.3	14
104	Molecular containers. Chemical Society Reviews, 2015, 44, 392-393.	18.7	132
105	Preparation and guest-uptake protocol for a porous complex useful for 'crystal-free' crystallography. Nature Protocols, 2014, 9, 246-252.	5.5	127
106	Coordinationâ€Driven Folding and Assembly of a Short Peptide into a Proteinâ€like Twoâ€Nanometerâ€Sized Channel. Angewandte Chemie - International Edition, 2014, 53, 7228-7232.	7.2	98
107	Recognition of Polyfluorinated Compounds Through Self-Aggregation in a Cavity. Journal of the American Chemical Society, 2014, 136, 1786-1788.	6.6	88
108	Radical Cï£¿H Functionalization of Heteroarenes under Electrochemical Control. Angewandte Chemie - International Edition, 2014, 53, 11868-11871.	7.2	280

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109	Stepwise DNA condensation by a histone-mimic peptide-coated M12L24 spherical complex. Chemical Science, 2014, 5, 3257.	3.7	28
110	X-ray Snapshot Observation of Palladium-Mediated Aromatic Bromination in a Porous Complex. Journal of the American Chemical Society, 2014, 136, 6892-6895.	6.6	68
111	Visualization of Solution Chemistry by X-ray Crystallography Using Porous Coordination Networks. Bulletin of the Chemical Society of Japan, 2014, 87, 1161-1176.	2.0	21
112	Dynamic Behavior of M₆L₄ Capsules in Solution and Crystalline States. Chemistry - an Asian Journal, 2013, 8, 2596-2599.	1.7	11
113	Giant hollow MnL2n spherical complexes: structure, functionalisation and applications. Chemical Communications, 2013, 49, 6703.	2.2	531
114	X-ray analysis on the nanogram to microgram scale using porous complexes. Nature, 2013, 495, 461-466.	13.7	714
115	Noncovalent Tailoring of the Binding Pocket of Self-Assembled Cages by Remote Bulky Ancillary Groups. Journal of the American Chemical Society, 2013, 135, 613-615.	6.6	61
116	Synthesis of a Bridging Ligand with a Non-denatured Protein Pendant: Toward Protein Encapsulation in a Coordination Cage. Chemistry Letters, 2012, 41, 313-315.	0.7	16
117	Cage-Catalyzed Knoevenagel Condensation under Neutral Conditions in Water. Journal of the American Chemical Society, 2012, 134, 162-164.	6.6	255
118	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.	2.2	24
119	Protein encapsulation within synthetic molecular hosts. Nature Communications, 2012, 3, 1093.	5.8	208
120	Temporary and Permanent Trapping of the Metastable Twisted Conformer of an Overcrowded Chromic Alkene via Encapsulation. Journal of the American Chemical Society, 2012, 134, 17420-17423.	6.6	80
121	Incarceration of (PdO)_n and Pd_n Clusters by Cageâ€Templated Synthesis of Hollow Silica Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 5893-5896.	7.2	43
122	Unusual Photoreaction of Triquinacene within Selfâ€Assembled Hosts. Chemistry - an Asian Journal, 2012, 7, 826-829.	1.7	35
123	Shedding light on hidden reaction pathways in radical polymerization by a porous coordination network. Chemical Communications, 2011, 47, 12113.	2.2	11
124	Photo-driven anti-Markovnikov alkyne hydration in self-assembled hollow complexes. Chemical Communications, 2011, 47, 10960.	2.2	51
125	Dramatic Structural Rearrangements in Porous Coordination Networks. Journal of the American Chemical Society, 2011, 133, 5853-5860.	6.6	84
126	Remote chiral transfer into [2+2] and [2+4] cycloadditions within self-assembled molecular flasks. Supramolecular Chemistry, 2011, 23, 199-208.	1.5	30

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127	Dielsâ€“Alder via Molecular Recognition in a Crystalline Molecular Flask. Journal of the American Chemical Society, 2011, 133, 16806-16808.	6.6	55
128	Molecular Self-Assembly Based on Coordination Chemistry. Bulletin of Japan Society of Coordination Chemistry, 2011, 57, 13-29.	0.1	2
129	Crystalline molecular flasks. Nature Chemistry, 2011, 3, 349-358.	6.6	546
130	Development of Unique Chemical Phenomena within Nanometer-Sized, Self-Assembled Coordination Hosts. Bulletin of the Chemical Society of Japan, 2010, 83, 609-618.	2.0	83
131	Regioselecitive Huisgen Cycloaddition within Porous Coordination Networks. Angewandte Chemie - International Edition, 2010, 49, 2375-2377.	7.2	43
132	The Reaction of Organozinc Compounds with an Aldehyde within a Crystalline Molecular Flask. Angewandte Chemie - International Edition, 2010, 49, 5750-5752.	7.2	42
133	A Molecular Capsule Network: Guest Encapsulation and Control of Dielsâ€“Alder Reactivity. Angewandte Chemie - International Edition, 2010, 49, 8912-8914.	7.2	60
134	Template synthesis of precisely monodisperse silica nanoparticles within self-assembled organometallic spheres. Nature Chemistry, 2010, 2, 25-29.	6.6	140
135	Networked molecular cages as crystalline sponges for fullerenes and other guests. Nature Chemistry, 2010, 2, 780-783.	6.6	311
136	Naphthalene Dielsâ^'Alder in a Self-Assembled Molecular Flask. Journal of the American Chemical Society, 2010, 132, 2866-2867.	6.6	216
137	Inducing Î±-Helices in Short Oligopeptides through Binding by an Artificial Hydrophobic Cavity. Journal of the American Chemical Society, 2010, 132, 5564-5565.	6.6	38
138	Self-Assembled M ₂₄ L ₄₈ Polyhedra and Their Sharp Structural Switch upon Subtle Ligand Variation. Science, 2010, 328, 1144-1147.	6.0	747
139	Peptide-coated, self-assembled M12L24 coordination spheres and their immobilization onto an inorganic surface. Chemical Science, 2010, 1, 68.	3.7	57
140	Solidâ€“liquid interface synthesis of microcrystalline porous coordination networks. Chemical Communications, 2010, 46, 6515.	2.2	35
141	Functional Molecular Flasks: New Properties and Reactions within Discrete, Selfâ€Assembled Hosts. Angewandte Chemie - International Edition, 2009, 48, 3418-3438.	7.2	1,735
142	Conformational Preferences of Short Peptide Fragments. Angewandte Chemie - International Edition, 2009, 48, 8695-8698.	7.2	62
143	X-ray observation of a transient hemiaminal trapped in a porous network. Nature, 2009, 461, 633-635.	13.7	271
144	In Situ Spectroscopic, Electrochemical, and Theoretical Studies of the Photoinduced Hostâ^'Guest Electron Transfer that Precedes Unusual Host-Mediated Alkane Photooxidation. Journal of the American Chemical Society, 2009, 131, 4764-4768.	6.6	108

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145	Remarkable Stabilization of M₁₂L₂₄ Spherical Frameworks through the Cooperation of 48 Pd(II)â^'Pyridine Interactions. Journal of the American Chemical Society, 2009, 131, 6064-6065.	6.6	160
146	Photo-induced self-assembly of Pt(ii)-linked rings and cages via the photolabilization of a Pt(ii)â€“py bond. New Journal of Chemistry, 2009, 33, 264.	1.4	43
147	Specific Chemical Reactions within Self-assembled Hollow Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2009, 67, 465-474.	0.0	1
148	Singleâ€Crystalline Molecular Flasks: Chemical Transformation with Bulky Reagents in the Pores of Porous Coordination Networks. Angewandte Chemie - International Edition, 2008, 47, 8030-8032.	7.2	93
149	Direct Observation of the Labile Imine Formation through Single-Crystal-to-Single-Crystal Reactions in the Pores of a Porous Coordination Network. Journal of the American Chemical Society, 2008, 130, 1578-1579.	6.6	148
150	Polymerisation of an Anionic Monomer in a Self-Assembled M₁₂L₂₄ Coordination Sphere with Cationic Interior. Supramolecular Chemistry, 2008, 20, 81-94.	1.5	32
151	Guest-Induced Assembly of PdII-Linked Coordination Nanotubes. Bulletin of the Chemical Society of Japan, 2007, 80, 1473-1482.	2.0	22
152	The Modular Synthesis of Functional Porous Coordination Networks. Journal of the American Chemical Society, 2007, 129, 15418-15419.	6.6	123
153	Chirality Enrichment through the Heterorecognition of Enantiomers in an Achiral Coordination Host. Angewandte Chemie - International Edition, 2007, 46, 3874-3876.	7.2	39
154	Switching the Interior Hydrophobicity of a Self-Assembled Spherical Complex through the Photoisomerization of Confined Azobenzene Chromophores. Angewandte Chemie - International Edition, 2007, 46, 5133-5136.	7.2	162
155	The Confined Cavity of a Coordination Cage Suppresses the Photocleavage of Î±-Diketones To Give Cyclization Products through Kinetically Unfavorable Pathways. Angewandte Chemie - International Edition, 2007, 46, 5717-5719.	7.2	94
156	Direct observation of crystalline-state guest exchange in coordination networks. Coordination Chemistry Reviews, 2007, 251, 2592-2605.	9.5	320
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