

Makoto Fujita

List of Publications by Year in descending order

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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	Preparation, Clathration Ability, and Catalysis of a Two-Dimensional Square Network Material Composed of Cadmium(II) and 4,4'-Bipyridine. <i>Journal of the American Chemical Society</i> , 1994, 116, 1151-1152.	6.6	2,355
2	Coordination Assemblies from a Pd(II)-Cornered Square Complex. <i>Accounts of Chemical Research</i> , 2005, 38, 369-378.	7.6	1,906
3	Functional Molecular Flasks: New Properties and Reactions within Discrete, Self-Assembled Hosts. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3418-3438.	7.2	1,735
4	Metal-directed self-assembly of two- and three-dimensional synthetic receptors. <i>Chemical Society Reviews</i> , 1998, 27, 417.	18.7	1,274
5	Diels-Alder in Aqueous Molecular Hosts: Unusual Regioselectivity and Efficient Catalysis. <i>Science</i> , 2006, 312, 251-254.	6.0	1,156
6	Self-assembly of ten molecules into nanometre-sized organic host frameworks. <i>Nature</i> , 1995, 378, 469-471.	13.7	940
7	Molecular paneling via coordination. <i>Chemical Communications</i> , 2001, , 509-518.	2.2	823
8	Preparation of a macrocyclic polynuclear complex, [(en)Pd(4,4'-bpy)] ₄ (NO ₃) ₈ (en = ethylenediamine, bpy) <i>Chemical Society</i> , 1990, 112, 5645-5647.	6.6	777
9	Self-Assembled M ₂₄ L ₄₈ Polyhedra and Their Sharp Structural Switch upon Subtle Ligand Variation. <i>Science</i> , 2010, 328, 1144-1147.	6.0	747
10	X-ray analysis on the nanogram to microgram scale using porous complexes. <i>Nature</i> , 2013, 495, 461-466.	13.7	714
11	Crystalline molecular flasks. <i>Nature Chemistry</i> , 2011, 3, 349-358.	6.6	546
12	Giant hollow Mn ₂ L _{2n} spherical complexes: structure, functionalisation and applications. <i>Chemical Communications</i> , 2013, 49, 6703.	2.2	531
13	Self-assembly of tetravalent Goldberg polyhedra from 144 small components. <i>Nature</i> , 2016, 540, 563-566.	13.7	489
14	Quantitative self-assembly of a [2]catenane from two preformed molecular rings. <i>Nature</i> , 1994, 367, 720-723.	13.7	440
15	Spontaneous assembly of ten components into two interlocked, identical coordination cages. <i>Nature</i> , 1999, 400, 52-55.	13.7	419
16	A Springlike 3D-Coordination Network That Shrinks or Swells in a Crystal-to-Crystal Manner upon Guest Removal or Readsorption. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3392-3395.	7.2	416
17	A nanometre-sized hexahedral coordination capsule assembled from 24 components. <i>Nature</i> , 1999, 398, 794-796.	13.7	411
18	Finite, Spherical Coordination Networks that Self-Organize from 36 Small Components. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5621-5625.	7.2	388

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19	Guest-Induced Organization of a Three-Dimensional Palladium(II) Cage-like Complex. A Prototype for "Induced-Fit" Molecular Recognition. <i>Journal of the American Chemical Society</i> , 1995, 117, 1649-1650.	6.6	351
20	Ship-in-a-Bottle Synthesis of Otherwise Labile Cyclic Trimers of Siloxanes in a Self-Assembled Coordination Cage. <i>Journal of the American Chemical Society</i> , 2000, 122, 6311-6312.	6.6	328
21	Direct observation of crystalline-state guest exchange in coordination networks. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2592-2605.	9.5	320
22	Cavity-Directed, Highly Stereoselective [2+2] Photodimerization of Olefins within Self-Assembled Coordination Cages. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1347-1349.	7.2	319
23	Crystal-to-Crystal Sliding of 2D Coordination Layers Triggered by Guest Exchange. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3395-3398.	7.2	311
24	Networked molecular cages as crystalline sponges for fullerenes and other guests. <i>Nature Chemistry</i> , 2010, 2, 780-783.	6.6	311
25	Fluorous Nanodroplets Structurally Confined in an Organopalladium Sphere. <i>Science</i> , 2006, 313, 1273-1276.	6.0	294
26	Radical C-H Functionalization of Heteroarenes under Electrochemical Control. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11868-11871.	7.2	280
27	Quantitative Formation of Coordination Nanotubes Templated by Rodlike Guests. <i>Journal of the American Chemical Society</i> , 1999, 121, 7457-7458.	6.6	274
28	X-ray observation of a transient hemiaminal trapped in a porous network. <i>Nature</i> , 2009, 461, 633-635.	18.7	271
29	Cage-Catalyzed Knoevenagel Condensation under Neutral Conditions in Water. <i>Journal of the American Chemical Society</i> , 2012, 134, 162-164.	6.6	255
30	Cavity-Directed Synthesis within a Self-Assembled Coordination Cage: A Highly Selective [2 + 2] Cross-Photodimerization of Olefins. <i>Journal of the American Chemical Society</i> , 2003, 125, 3243-3247.	6.6	246
31	Self-Assembly of M ₃₀ L ₆₀ Icosidodecahedron. <i>CheM</i> , 2016, 1, 91-101.	5.8	246
32	Self-Assembly of Nanometer-Sized Macrotricyclic Complexes from Ten Small Component Molecules. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2082-2085.	7.2	239
33	Self-Assembled M ₆ L ₄ -Type Coordination Nanocage with 2,2'-Bipyridine Ancillary Ligands. Facile Crystallization and X-ray Analysis of Shape-Selective Enclathration of Neutral Guests in the Cage. <i>Journal of the American Chemical Society</i> , 2002, 124, 13576-13582.	6.6	232
34	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.	6.6	225
35	Alkane Oxidation via Photochemical Excitation of a Self-Assembled Molecular Cage. <i>Journal of the American Chemical Society</i> , 2004, 126, 9172-9173.	6.6	220
36	Naphthalene Diels-Alder in a Self-Assembled Molecular Flask. <i>Journal of the American Chemical Society</i> , 2010, 132, 2866-2867.	6.6	216

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37	A Nanometer-Sized Metallosupramolecular Cube with OhSymmetry. Journal of the American Chemical Society, 2000, 122, 4819-4820.	6.6	215
38	Protein encapsulation within synthetic molecular hosts. Nature Communications, 2012, 3, 1093.	5.8	208
39	Crystal-to-Crystal Guest Exchange of Large Organic Molecules within a 3D Coordination Network. Journal of the American Chemical Society, 2004, 126, 16292-16293.	6.6	207
40	A Thermally Switchable Molecular Lock. Guest-Templated Synthesis of a Kinetically Stable Nanosized Cage. Journal of the American Chemical Society, 1998, 120, 8561-8562.	6.6	189
41	“Ship-in-a-Bottle” Formation of Stable Hydrophobic Dimers of <i>cis</i> -Azobenzene and -Stilbene Derivatives in a Self-Assembled Coordination Nanocage. Journal of the American Chemical Society, 1999, 121, 1397-1398.	6.6	188
42	Guest-Selected Formation of Pd(II)-Linked Cages from a Prototypical Dynamic Library. Journal of the American Chemical Society, 1999, 121, 10239-10240.	6.6	187
43	Cavity-Directed Synthesis of Labile Silanol Oligomers within Self-Assembled Coordination Cages. Journal of the American Chemical Society, 2001, 123, 10454-10459.	6.6	186
44	One-Step Synthesis of [16]Helicene. Angewandte Chemie - International Edition, 2015, 54, 6847-6851.	7.2	184
45	Supramolecular Self-Assembly of Macrocycles, Catenanes, and Cages through Coordination of Pyridine-Based Ligands to Transition Metals. Bulletin of the Chemical Society of Japan, 1996, 69, 1471-1482.	2.0	181
46	24-Fold Endohedral Functionalization of a Self-Assembled M ₁₂ L ₂₄ Coordination Nanoball. Journal of the American Chemical Society, 2005, 127, 11950-11951.	6.6	180
47	The crystalline sponge method updated. IUCr, 2016, 3, 139-151.	1.0	174
48	Enhanced reactivity of twisted amides inside a molecular cage. Nature Chemistry, 2020, 12, 574-578.	6.6	164
49	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
50	Remarkable Stabilization of M ₁₂ L ₂₄ Spherical Frameworks through the Cooperation of 48 Pd(II)~Pyridine Interactions. Journal of the American Chemical Society, 2009, 131, 6064-6065.	6.6	160
51	Assembly of Silver(I) Polymers with Helical and Lamellar Structures. Chemistry - A European Journal, 2000, 6, 427-431.	1.7	154
52	Made-to-Order Assembling of [2]Catenanes from Palladium(II)-Linked Rectangular Molecular Boxes. Journal of the American Chemical Society, 1998, 120, 611-612.	6.6	151
53	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
54	Template synthesis of precisely monodisperse silica nanoparticles within self-assembled organometallic spheres. Nature Chemistry, 2010, 2, 25-29.	6.6	140

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55	Astellifadiene: Structure Determination by NMR Spectroscopy and Crystalline Sponge Method, and Elucidation of its Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5785-5788.	7.2	138
56	Molecular Paneling via Coordination: Guest-Controlled Assembly of Open Cone and Tetrahedron Structures from Eight Metals and Four Ligands. <i>Journal of the American Chemical Society</i> , 2000, 122, 7150-7151.	6.6	136
57	AND/OR Bimolecular Recognition. <i>Journal of the American Chemical Society</i> , 2004, 126, 6846-6847.	6.6	136
58	Encapsulation of Large, Neutral Molecules in a Self-Assembled Nanocage Incorporating Six Palladium(II) Ions. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3142-3144.	7.2	134
59	Hydrophobic Assembling of a Coordination Nanobowl into a Dimeric Capsule Which Can Accommodate up to Six Large Organic Molecules. <i>Journal of the American Chemical Society</i> , 2000, 122, 2665-2666.	6.6	133
60	Molecular containers. <i>Chemical Society Reviews</i> , 2015, 44, 392-393.	18.7	132
61	Quantitative and Spontaneous Formation of a Doubly Interlocking [2]Catenane Using Copper(I) and Palladium(II) as Templating and Assembling Centers. <i>Journal of the American Chemical Society</i> , 1999, 121, 11014-11015.	6.6	127
62	Preparation and guest-uptake protocol for a porous complex useful for 'crystal-free' crystallography. <i>Nature Protocols</i> , 2014, 9, 246-252.	5.5	127
63	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, 5939-5947.	6.6	126
64	Selective formation of rectangular grid coordination polymers with grid dimensions 10 Å– 15, 10 Å– 20 and 15 Å– 20 Å... <i>Chemical Communications</i> , 2001, , 15-16.	2.2	124
65	A Two-in-One Crystal: Uptake of Two Different Guests into Two Distinct Channels of a Biporous Coordination Network. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1962-1964.	7.2	123
66	The Modular Synthesis of Functional Porous Coordination Networks. <i>Journal of the American Chemical Society</i> , 2007, 129, 15418-15419.	6.6	123
67	Electrochemically Driven Clathration/Declathration of Ferrocene and Its Derivatives by a Nanometer-Sized Coordination Cage. <i>Journal of the American Chemical Society</i> , 2002, 124, 11570-11571.	6.6	121
68	Wacker Oxidation in an Aqueous Phase through the Reverse Phase-Transfer Catalysis of a Self-Assembled Nanocage. <i>Chemistry Letters</i> , 2000, 29, 598-599.	0.7	120
69	Macrocylic polynuclear complexes [(n)M(4,4'-bpy)] ₄ (NO ₃) ₈ (M = Pd or Pt) as Inorganic Cyclophane. Their Ability for Molecular Recognition. <i>Tetrahedron Letters</i> , 1991, 32, 5589-5592.	0.7	118
70	Self-assembly of a novel macrotricyclic Pd(II) metallocage encapsulating a nitrate ion. <i>Chemical Communications</i> , 2001, , 1652-1653.	2.2	118
71	Multicomponent metal–ligand self-assembly. <i>Current Opinion in Chemical Biology</i> , 2002, 6, 757-764.	2.8	112
72	Repeated evolution of cytochrome P450-mediated spiroketal steroid biosynthesis in plants. <i>Nature Communications</i> , 2019, 10, 3206.	5.8	110

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73	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, 4764-4768.	6.6	108
74	Phosphine ⁺ Catalyzed $\hat{1}^2, \hat{1}^3$ Umpolung Domino Reaction of Allenic Esters: Facile Synthesis of Tetrahydrobenzofuranones Bearing a Chiral Tetrasubstituted Stereogenic Carbon Center. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15511-15515.	7.2	106
75	Co-ordination polymers containing square grids of dimension 15 $\hat{\text{A}}$... $\hat{\text{A}}$...15 $\hat{\text{A}}$... $\hat{\text{A}}$. <i>Dalton Transactions RSC</i> , 2000, , 3805-3810.	2.3	102
76	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 3542-3545.	1.6	98
77	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, 7228-7232.	7.2	98
78	Catenane Formation from Two Molecular Rings through Very Rapid Slippage. A M ⁺ ebius Strip Mechanism. <i>Journal of the American Chemical Society</i> , 1996, 118, 899-900.	6.6	97
79	A molecular sphere of octahedral symmetry. <i>Chemical Communications</i> , 2002, , 2486-2487.	2.2	97
80	Metal-Peptide Torus Knots from Flexible Short Peptides. <i>CheM</i> , 2020, 6, 294-303.	5.8	97
81	Absolute structure determination of compounds with axial and planar chirality using the crystalline sponge method. <i>Chemical Science</i> , 2015, 6, 3765-3768.	3.7	96
82	Self-assembled coordination cage as a molecular flask. <i>Pure and Applied Chemistry</i> , 2005, 77, 1107-1112.	0.9	94
83	The Confined Cavity of a Coordination Cage Suppresses the Photocleavage of $\hat{1}^{\pm}$ -Diketones To Give Cyclization Products through Kinetically Unfavorable Pathways. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5717-5719.	7.2	94
84	Single ⁺ Crystalline Molecular Flasks: Chemical Transformation with Bulky Reagents in the Pores of Porous Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8030-8032.	7.2	93
85	Probing Guest Geometry and Dynamics through Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1879-1884.	7.2	91
86	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, 2678-2682.	7.2	90
87	Recognition of Polyfluorinated Compounds Through Self-Aggregation in a Cavity. <i>Journal of the American Chemical Society</i> , 2014, 136, 1786-1788.	6.6	88
88	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.	6.6	88
89	Macrocyclic dinuclear complexes self-assembled from (en)Pd(NO ₃) ₂ and pyridine-based bridging ligands. <i>Inorganica Chimica Acta</i> , 1996, 246, 53-57.	1.2	85
90	A Double-Walled Knotted Cage for Guest-Adaptive Molecular Recognition. <i>Journal of the American Chemical Society</i> , 2020, 142, 5504-5508.	6.6	85

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91	Dramatic Structural Rearrangements in Porous Coordination Networks. <i>Journal of the American Chemical Society</i> , 2011, 133, 5853-5860.	6.6	84
92	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.	7.2	84
93	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.	2.0	83
94	Self- and hetero-recognition in the guest-controlled assembly of Pd(ii)-linked cages from two different ligands. <i>Chemical Communications</i> , 2000, , 1509-1510.	2.2	81
95	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.	7.2	81
96	Temporary and Permanent Trapping of the Metastable Twisted Conformer of an Overcrowded Chromic Alkene via Encapsulation. <i>Journal of the American Chemical Society</i> , 2012, 134, 17420-17423.	6.6	80
97	Peptide [4]Catenane by Folding and Assembly. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4519-4522.	7.2	80
98	Remarkable Acceleration of Diels-Alder Reactions in a Self-Assembled Coordination Cage. <i>Chemistry Letters</i> , 2003, 32, 284-285.	0.7	77
99	Where is the Oxygen? Structural Analysis of Humulene Oxidation Products by the Crystalline Sponge Method. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9033-9037.	7.2	74
100	Folding a De Novo Designed Peptide into an α -Helix through Hydrophobic Binding by a Bowl-Shaped Host. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 241-244.	7.2	70
101	X-ray Structure Analysis of Ozonides by the Crystalline Sponge Method. <i>Journal of the American Chemical Society</i> , 2016, 138, 10140-10142.	6.6	70
102	X-ray Snapshot Observation of Palladium-Mediated Aromatic Bromination in a Porous Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 6892-6895.	6.6	68
103	Metal-peptide rings form highly entangled topologically inequivalent frameworks with the same ring- and crossing-numbers. <i>Nature Communications</i> , 2019, 10, 921.	5.8	68
104	Cavity-Directed Chromism of Phthalein Dyes. <i>Journal of the American Chemical Society</i> , 2015, 137, 7043-7046.	6.6	64
105	Capsule-to-Capsule Conversion by Guest Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2063-2066.	7.2	64
106	Compressed Corannulene in a Molecular Cage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1561-1564.	7.2	64
107	Molecular Confinement Effects by Self-Assembled Coordination Cages. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2351-2369.	2.0	63
108	Conformational Preferences of Short Peptide Fragments. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8695-8698.	7.2	62

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109	Noncovalent Tailoring of the Binding Pocket of Self-Assembled Cages by Remote Bulky Ancillary Groups. <i>Journal of the American Chemical Society</i> , 2013, 135, 613-615.	6.6	61
110	A metal- α -peptide capsule by multiple ring threading. <i>Nature Communications</i> , 2019, 10, 5687.	5.8	61
111	Molecular Paneling by Coordination: An M15L6 Hexahedral Molecular Capsule having Clefts for Reversible Guest Inclusion. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2620-2622.	7.2	60
112	A Molecular Capsule Network: Guest Encapsulation and Control of Diels- α -Alder Reactivity. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8912-8914.	7.2	60
113	In- <i>Situ</i> Observation of Thiol Michael Addition to a Reversible Covalent Drug in a Crystalline Sponge. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4919-4923.	7.2	59
114	Peptide-coated, self-assembled M12L24 coordination spheres and their immobilization onto an inorganic surface. <i>Chemical Science</i> , 2010, 1, 68.	3.7	57
115	Metal driven self-assembly of pyridine appended ligands with cis-protected/naked Pd(ii) ion: a comparative study. <i>Dalton Transactions</i> , 2003, , 2750.	1.6	55
116	Diels- α -Alder via Molecular Recognition in a Crystalline Molecular Flask. <i>Journal of the American Chemical Society</i> , 2011, 133, 16806-16808.	6.6	55
117	Halogen-Bond-Assisted Guest Inclusion in a Synthetic Cavity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8411-8414.	7.2	55
118	Structure determination of microbial metabolites by the crystalline sponge method. <i>Chemical Science</i> , 2016, 7, 3910-3913.	3.7	55
119	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.	6.6	55
120	Crystalline-Sponge-Based Structural Analysis of Crude Natural Product Extracts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3671-3675.	7.2	55
121	Folding and Assembly of Metal-Linked Peptidic Nanostructures. <i>CheM</i> , 2020, 6, 1861-1876.	5.8	55
122	Self-Assembly of Coordination Polyhedra with Highly Entangled Faces Induced by Metal- α -Acetylene Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3450-3454.	7.2	54
123	Undeniable Confirmation of the <i>syn</i> -Addition Mechanism for Metal-Free Diboration by Using the Crystalline Sponge Method. <i>Chemistry - A European Journal</i> , 2016, 22, 4723-4726.	1.7	52
124	A Cationic Guest in a 24+ Cationic Host. <i>Journal of the American Chemical Society</i> , 2003, 125, 9260-9261.	6.6	51
125	Photo-driven anti-Markovnikov alkyne hydration in self-assembled hollow complexes. <i>Chemical Communications</i> , 2011, 47, 10960.	2.2	51
126	Structural Elucidation of Trace Amounts of Volatile Compounds Using the Crystalline Sponge Method. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1057-1061.	1.7	50

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127	Selective Enclathration of Linear Alkanols by a Self-assembled Coordination Cage. Application to the Catalytic Wacker Oxidation of β -Alkanols. <i>Chemistry Letters</i> , 2005, 34, 1392-1393.	0.7	49
128	Chiral Crystalline Sponges for the Absolute Structure Determination of Chiral Guests. <i>Journal of the American Chemical Society</i> , 2017, 139, 11341-11344.	6.6	48
129	Cycloelatanene A and B: absolute configuration determination and structural revision by the crystalline sponge method. <i>Chemical Science</i> , 2017, 8, 1547-1550.	3.7	48
130	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.	6.6	47
131	Astellifadiene: Structure Determination by NMR Spectroscopy and Crystalline Sponge Method, and Elucidation of its Biosynthesis. <i>Angewandte Chemie</i> , 2016, 128, 5879-5882.	1.6	46
132	X-ray Structure Analysis of $\text{N}^{\delta-}$ -Containing Nucleophilic Compounds by the Crystalline Sponge Method. <i>Chemistry - A European Journal</i> , 2017, 23, 15035-15040.	1.7	46
133	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.	2.4	46
134	A Highly Entangled $(M_3L_2)_8$ Truncated Cube from the Anion-Controlled Oligomerization of a $\text{I}^{\delta-}$ -Coordinated M_3L_2 Subunit. <i>Journal of the American Chemical Society</i> , 2021, 143, 8578-8582.	6.6	46
135	Characterization of Encapsulating Supramolecules by Using CSI-MS with Ionization-Promoting Reagents. <i>Organic Letters</i> , 2001, 3, 1601-1604.	2.4	44
136	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.	1.4	43
137	Regioselective Huisgen Cycloaddition within Porous Coordination Networks. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2375-2377.	7.2	43
138	Incarceration of $(\text{PdO})_n$ and Pd_n Clusters by Cage-templated Synthesis of Hollow Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5893-5896.	7.2	43
139	Peptide Recognition: Encapsulation and α -Helical Folding of a Nine-Residue Peptide within a Hydrophobic Dimeric Capsule of a Bowl-Shaped Host. <i>Chemistry - A European Journal</i> , 2006, 12, 3211-3217.	1.7	42
140	The Reaction of Organozinc Compounds with an Aldehyde within a Crystalline Molecular Flask. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5750-5752.	7.2	42
141	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.	7.2	42
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