

# Sota Sato

## List of Publications by Year in descending order

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137  
papers

7,823  
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53794

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54911

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158  
docs citations

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times ranked

5531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive Structural Analysis of the Bitter Components in Beer by the HPLC-Assisted Crystalline Sponge Method. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
2	Extended Doublet Open-Shell Graphene Fragments Exhibiting One-Dimensional Chain Stacking. <i>Journal of the American Chemical Society</i> , 2022, 144, 2095-2100.	13.7	27
3	Single-crystal structure analysis of non-deuterated triglycine sulfate by neutron diffraction at 20 and 298 K: a new disorder model for the 298 K structure. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 306-312.	0.5	0
4	Synthesis of a Negatively Curved Nanocarbon Molecule with an Octagonal Omphalos via Design-Experiments Optimizations Supplemented by Machine Learning. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	12
5	A Case Study of Stereoisomerism with [6]Cyclo[4]helicenylenes. <i>Chemistry Letters</i> , 2021, 50, 110-112.	1.3	4
6	Chemical Reduction of a Nanosized [6]Cyclo[2,7]naphthylene Macrocyclic. <i>Angewandte Chemie</i> , 2021, 133, 11301-11305.	2.0	2
7	Cycloparaphenylene-Phenalenyl Radical and Its Dimeric Double Nanohoop**. <i>Angewandte Chemie</i> , 2021, 133, 13641-13647.	2.0	9
8	Preferences of polarity and chirality in triglycine sulfate crystals by alanine ghost. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 151, 109890.	4.0	6
9	Cycloparaphenylene-Phenalenyl Radical and Its Dimeric Double Nanohoop**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13529-13535.	13.8	43
10	Chemical Reduction of a Nanosized [6]Cyclo[2,7]naphthylene Macrocyclic. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11201-11205.	13.8	8
11	Frontispiz: Cycloparaphenylene-Phenalenyl Radical and Its Dimeric Double Nanohoop. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
12	Frontispiece: Cycloparaphenylene-Phenalenyl Radical and Its Dimeric Double Nanohoop. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
13	Cycloparaphenylene Double Nanohoop: Structure, Lamellar Packing, and Encapsulation of C <sub>60</sub> in the Solid State. <i>Organic Letters</i> , 2021, 23, 7943-7948.	4.6	22
14	Giant Optical Anisotropy in High Temperature Superconducting Cuprate Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+x</sub> . <i>Journal of the Physical Society of Japan</i> , 2021, 90, 113702.	1.6	0
15	Overcrowded Ethylene-Bridged Nanohoop Dimers: Regioselective Synthesis, Multiconfigurational Electronic States, and Global Hückel/Möbius Aromaticity. <i>Journal of the American Chemical Society</i> , 2021, 143, 20419-20430.	13.7	35
16	Crystalline materials with functional nanopores. <i>Japanese Journal of Pesticide Science</i> , 2021, 46, 160-167.	0.0	0
17	Fluorescence Enhancement of Aromatic Macrocycles by Lowering Excited Singlet State Energies. <i>Journal of Organic Chemistry</i> , 2020, 85, 150-157.	3.2	13
18	Regulated Single-Axis Rotations of a Carbonaceous Guest in a van der Waals Complex with an Entropy Cost. <i>Chemistry - an Asian Journal</i> , 2020, 15, 273-278.	3.3	5

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19	Crystalline Naphthylene Macrocycles Capturing Gaseous Small Molecules in Chiral Nanopores. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3829-3835.	3.3	3
20	76 <sup>4</sup> : Late <sup>4</sup> News <sup>4</sup> Paper: Aromatic Hydrocarbon Macrocycles for Highly Efficient Organic Light <sup>4</sup> Emitting Devices with Simple <sup>4</sup> Layer Architectures. <i>Digest of Technical Papers SID International Symposium</i> , 2020, 51, 1138-1141.	0.3	1
21	Ineffective OH Pinning of the Flipping Dynamics of a Spherical Guest within a Tight <sup>4</sup> Fitting Tube. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14570-14576.	13.8	6
22	Synthesis and stereoisomerism of [n]cyclo-2,9-phenanthrenylene congeners possessing alternating E/Z- and R/S-biaryl linkages. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4949-4955.	2.8	3
23	Ineffective OH Pinning of the Flipping Dynamics of a Spherical Guest within a Tight <sup>4</sup> Fitting Tube. <i>Angewandte Chemie</i> , 2020, 132, 14678-14684.	2.0	4
24	Synthesis of a Hemispherical Geodesic Phenine Framework by a Polygon Assembling Strategy. <i>Angewandte Chemie</i> , 2020, 132, 6629-6633.	2.0	6
25	Synthesis of a Hemispherical Geodesic Phenine Framework by a Polygon Assembling Strategy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6567-6571.	13.8	11
26	A nitrogen-doped nanotube molecule with atom vacancy defects. <i>Nature Communications</i> , 2020, 11, 1807.	12.8	46
27	Acyclic, Linear Oligo <sup>4</sup> meta <sup>4</sup> phenylenes as Multipotent Base Materials for Highly Efficient Single <sup>4</sup> Layer Organic Light <sup>4</sup> Emitting Devices. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2181-2186.	3.3	11
28	Retarded Solid <sup>4</sup> State Rotations of an Oval <sup>4</sup> Shaped Guest in a Deformed Cylinder with CH <sup>4</sup> i <sup>4</sup> Arrays. <i>Angewandte Chemie</i> , 2019, 131, 12298-12302.	2.0	10
29	Retarded Solid <sup>4</sup> State Rotations of an Oval <sup>4</sup> Shaped Guest in a Deformed Cylinder with CH <sup>4</sup> i <sup>4</sup> Arrays. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12170-12174.	13.8	18
30	Narrowing Segments of Helical Carbon Nanotubes with Curved Aromatic Panels. <i>Angewandte Chemie</i> , 2019, 131, 7463-7467.	2.0	16
31	Narrowing Segments of Helical Carbon Nanotubes with Curved Aromatic Panels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7385-7389.	13.8	42
32	Periphery Design of Macrocyclic Materials for Organic Light-Emitting Devices with a Blue Phosphorescent Emitter. <i>Organic Letters</i> , 2019, 21, 2759-2762.	4.6	5
33	Synthesis, Structures, and Assembly of Geodesic Phenine Frameworks with Isoreticular Networks of [Cyclo-para-phenylenes]. <i>Journal of Organic Chemistry</i> , 2019, 84, 3500-3507.	3.2	24
34	Two polyhedral frameworks of an M12L24 spherical complex revealed by replica-exchange molecular dynamics simulations. <i>Chemical Physics Letters</i> , 2019, 714, 185-189.	2.6	9
35	Finite phenine nanotubes with periodic vacancy defects. <i>Science</i> , 2019, 363, 151-155.	12.6	159
36	Unbiased Rotational Motions of an Ellipsoidal Guest in a Tight Yet Pliable Host. <i>Angewandte Chemie</i> , 2019, 131, 2062-2066.	2.0	12

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37	Unbiased Rotational Motions of an Ellipsoidal Guest in a Tight Yet Pliable Host. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2040-2044.	13.8	21
38	Elucidating the Solvent Effect on the Switch of the Helicity of Poly(quinoxaline-2,3-diyl)s: A Conformational Analysis by Small-Angle Neutron Scattering. <i>Journal of the American Chemical Society</i> , 2018, 140, 2722-2726.	13.7	39
39	Synthesis of 9,10-Diarylanthracenes via Mg(TMP) <sub>2</sub> ·2LiCl-Mediated Benzyne Generation/[4+2] Cycloaddition and Deoxygenation of 9,10-Epoxyanthracene Intermediates. <i>Synlett</i> , 2018, 29, 513-518.	1.8	10
40	Synthetic Approach to biomolecular science by cyborg supramolecular chemistry. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 358-364.	2.4	5
41	Concyclic CH <sub>2</sub> arrays for single-axis rotations of a bowl in a tube. <i>Nature Communications</i> , 2018, 9, 3779.	12.8	59
42	Ratchet-free solid-state inertial rotation of a guest ball in a tight tubular host. <i>Nature Communications</i> , 2018, 9, 1907.	12.8	43
43	Fluctuating Carbonaceous Networks with a Persistent Molecular Shape: A Saddle-Shaped Geodesic Framework of 1,3,5-Trisubstituted Benzene (Phenine). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8555-8559.	13.8	30
44	Fluctuating Carbonaceous Networks with a Persistent Molecular Shape: A Saddle-Shaped Geodesic Framework of 1,3,5-Trisubstituted Benzene (Phenine). <i>Angewandte Chemie</i> , 2018, 130, 8691-8695.	2.0	14
45	Efficient Blue Electroluminescence from a Single-Layer Organic Device Composed Solely of Hydrocarbons. <i>Chemistry - an Asian Journal</i> , 2017, 12, 730-733.	3.3	15
46	Synthesis and Bowl-in-Bowl Assembly of a Geodesic Phenylene Bowl. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6511-6514.	13.8	60
47	Entropy-Driven Ball-in-Bowl Assembly of Fullerene and Geodesic Phenylene Bowl. <i>Organic Letters</i> , 2017, 19, 2362-2365.	4.6	29
48	Innenstruktur: Synthesis and Bowl-in-Bowl Assembly of a Geodesic Phenylene Bowl ( <i>Angew. Chem.</i> )	2.0	0
49	Communication: Structural Modulation of Macrocyclic Materials for Charge Carrier Transport Layers in Organic Light-Emitting Devices. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, M3065-M3067.	1.8	5
50	[n]Cyclophenanthrenyls: Synthesis, Structure, and Fluorescence. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2093-2097.	3.3	9
51	Synthesis and Bowl-in-Bowl Assembly of a Geodesic Phenylene Bowl. <i>Angewandte Chemie</i> , 2017, 129, 6611-6614.	2.0	23
52	Pentagon-Embedded Cycloarylenes with Cylindrical Shapes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9106-9110.	13.8	40
53	Hyper-Assembly of Self-Assembled Glycoclusters Mediated by Specific Carbohydrate-Carbohydrate Interactions. <i>Chemistry - an Asian Journal</i> , 2017, 12, 968-972.	3.3	11
54	An Obtuse-Angled Corner Unit for Fluctuating Carbon Nano hoops. <i>Chemistry - an Asian Journal</i> , 2017, 12, 271-275.	3.3	29

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55	Total Synthesis of (±)-Histriocotxin through a Stereoselective Radical Translocation Cyclization Reaction. <i>Angewandte Chemie</i> , 2017, 129, 1107-1111.	2.0	9
56	Assembly, Thermodynamics, and Structure of a Two-Wheeled Composite of a Dumbbell-Shaped Molecule and Cylindrical Molecules with Different Edges. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15020-15024.	13.8	30
57	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.	2.0	25
58	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.	13.8	81
59	Pentagon-Embedded Cycloarylenes with Cylindrical Shapes. <i>Angewandte Chemie</i> , 2017, 129, 9234-9238.	2.0	18
60	Chiral intertwined spirals and magnetic transition dipole moments dictated by cylinder helicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13097-13101.	7.1	210
61	Enhanced yet Inverted Effects of $\pi$ -Extension in Self-Assembly of Curved $\pi$ -Systems with Helicity. <i>Organic Letters</i> , 2017, 19, 6456-6459.	4.6	12
62	Assembly, Thermodynamics, and Structure of a Two-Wheeled Composite of a Dumbbell-Shaped Molecule and Cylindrical Molecules with Different Edges. <i>Angewandte Chemie</i> , 2017, 129, 15216-15220.	2.0	22
63	Room temperature magnetoresistance in an organic spin valve with an aromatic hydrocarbon macrocycle. <i>APL Materials</i> , 2017, 5, .	5.1	15
64	Self-assembly of tetravalent Goldberg polyhedra from 144 small components. <i>Nature</i> , 2016, 540, 563-566.	27.8	489
65	Self-Sorting of Two Hydrocarbon Receptors with One Carbonaceous Ligand. <i>Angewandte Chemie</i> , 2016, 128, 15565-15569.	2.0	26
66	Lithium Batteries: Carbon-Rich Active Materials with Macrocyclic Nanochannels for High-Capacity Negative Electrodes in All-Solid-State Lithium Rechargeable Batteries (Small 25/2016). <i>Small</i> , 2016, 12, 3472-3472.	10.0	0
67	Self-Assembly of M <sub>30</sub> L <sub>60</sub> Icosidodecahedron. <i>CheM</i> , 2016, 1, 91-101.	11.7	246
68	Stereodivergent Synthesis and Configurational Assignment of the C1-C15 Segment of Amphirionin-5. <i>Journal of Organic Chemistry</i> , 2016, 81, 9105-9121.	3.2	10
69	Stereoisomerism in Nanohoops with Heterogeneous Biaryl Linkages of <i>E/Z</i> - and <i>R/S</i> -Geometries. <i>ACS Central Science</i> , 2016, 2, 740-747.	11.3	37
70	One-pot Synthesis of [ <i>n</i> ]Cyclo-1,3-pyrenylenes via Ni-mediated Macrocyclization. <i>Chemistry Letters</i> , 2016, 45, 217-219.	1.3	17
71	Synthesis and Structures of $\pi$ -Extended [ <i>n</i> ]Cyclo- <i>para</i> -phenylenes ( <i>n</i> = 12, 16, 20) Containing <i>n</i> /2 Nitrogen Atoms. <i>Chemistry Letters</i> , 2016, 45, 658-660.	1.3	17
72	Introduction of Nitrogen Atoms in [ <i>n</i> ]Cyclo- <i>meta</i> -phenylenes via Cross-coupling Macrocyclization. <i>Chemistry Letters</i> , 2016, 45, 676-678.	1.3	11

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73	Self-Sorting of Two Hydrocarbon Receptors with One Carbonaceous Ligand. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15339-15343.	13.8	38
74	Reply to the "Comment on "Theoretical studies on a carbonaceous molecular bearing: association thermodynamics and dual-mode rolling dynamics" by E. M. Cabaleiro-Lago, J. Rodriguez-Otero and A. Gil, <i>Chem. Sci.</i> , 2016, 7, 2929-2932.	7.4	17
75	Carbon-Rich Active Materials with Macrocyclic Nanochannels for High-Capacity Negative Electrodes in All-Solid-State Lithium Rechargeable Batteries. <i>Small</i> , 2016, 12, 3381-3387.	10.0	33
76	Stereoisomerism, crystal structures, and dynamics of belt-shaped cyclonaphthylenes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8109-8114.	7.1	77
77	Modular Synthesis of Aromatic Hydrocarbon Macrocycles for Simplified, Single-Layer Organic Light-Emitting Devices. <i>Journal of Organic Chemistry</i> , 2016, 81, 662-666.	3.2	39
78	Aromatic hydrocarbon macrocycles for highly efficient organic light-emitting devices with single-layer architectures. <i>Chemical Science</i> , 2016, 7, 896-904.	7.4	63
79	Novel Titanium Complexes with a Reversible Structural Change on Solvent Adsorption and Desorption. <i>Chemistry Letters</i> , 2015, 44, 1050-1052.	1.3	3
80	Synthesis and Dynamic Structures of a Hybrid Nanohoop Molecule Composed of Anthanthrenylene and Phenylene Panels. <i>Chemistry Letters</i> , 2015, 44, 1581-1583.	1.3	19
81	Belt-Shaped Cyclonaphthylenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12800-12804.	13.8	56
82	Development of Biomolecular Interfaces Constructed on the Frameworks of Huge, Hollow Spherical Complexes. <i>Bulletin of Japan Society of Coordination Chemistry</i> , 2015, 65, 30-37.	0.2	0
83	Modulation of Energy Conversion Processes in Carbonaceous Molecular Bearings. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2404-2410.	3.3	15
84	Finely Resolved Threshold for the Sharp $M_{12}L_{24}/M_{24}L_{48}$ Structural Switch in Multi-Component $M_{12}L_{24}$ Polyhedral Assemblies: X-ray, MS, NMR, and Ultracentrifugation Analyses. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2292-2295.	3.3	23
85	A Self-Assembled Spherical Complex Displaying a Gangliosidic Glycan Cluster Capable of Interacting with Amyloidogenic Proteins. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8435-8439.	13.8	38
86	DOSY NMR, X-ray Structural and Ion-Mobility Mass Spectrometric Studies on Electron-Deficient and Electron-Rich $M_6L_4$ Coordination Cages. <i>Inorganic Chemistry</i> , 2015, 54, 6055-6061.	4.0	20
87	Theoretical studies on a carbonaceous molecular bearing: association thermodynamics and dual-mode rolling dynamics. <i>Chemical Science</i> , 2015, 6, 2746-2753.	7.4	56
88	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, 12890-12896.	13.7	20
89	Synthesis and oxidation catalysis of a Ti-substituted phosphotungstate, and identification of the active oxygen species. <i>Catalysis Science and Technology</i> , 2015, 5, 4778-4789.	4.1	27
90	Molecular recognition in curved $\pi$ -systems: effects of $\pi$ -lengthening of tubular molecules on thermodynamics and structures. <i>Chemical Science</i> , 2015, 6, 909-916.	7.4	72

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91	A self-assembled, $\pi$ -stacked complex as a finely-tunable magnetic aligner for biomolecular NMR applications. <i>Chemical Communications</i> , 2015, 51, 2540-2543.	4.1	7
92	Geometrically Restricted Intermediates in the Self-Assembly of an $M_{12}L_{24}$ Cuboctahedral Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 155-158.	13.8	80
93	Geometric measures of finite carbon nanotube molecules: a proposal for length index and filling indexes. <i>Pure and Applied Chemistry</i> , 2014, 86, 489-495.	1.9	55
94	An $M_{12}(L^1)_{12}(L^2)_{12}$ Cantellated Tetrahedron: A Case Study on Mixed-Ligand Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13510-13513.	13.8	116
95	Cyclo- <i>meta</i> -phenylene Revisited: Nickel-Mediated Synthesis, Molecular Structures, and Device Applications. <i>Journal of Organic Chemistry</i> , 2014, 79, 9735-9739.	3.2	79
96	Emergent Ion-Gated Binding of Cationic Host-Guest Complexes within Cationic $M_{12}L_{24}$ Molecular Flasks. <i>Journal of the American Chemical Society</i> , 2014, 136, 12027-12034.	13.7	94
97	Stepwise DNA condensation by a histone-mimic peptide-coated $M_{12}L_{24}$ spherical complex. <i>Chemical Science</i> , 2014, 5, 3257.	7.4	28
98	Solid-state structures of peapod bearings composed of finite single-wall carbon nanotube and fullerene molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8374-8379.	7.1	92
99	Coordination-Directed Self-Assembly of $M_{12}L_{24}$ Nanocage: Effects of Kinetic Trapping on the Assembly Process. <i>ACS Nano</i> , 2014, 8, 1290-1296.	14.6	70
100	Photoinduced Electron Transfer in a Dynamic Supramolecular System with Curved $\pi$ -Structures. <i>Organic Letters</i> , 2014, 16, 3352-3355.	4.6	34
101	$M_{12}L_{24}$ Spheres with Endo and Exo Coordination Sites: Scaffolds for Non-Covalent Functionalization. <i>Journal of the American Chemical Society</i> , 2013, 135, 12497-12499.	13.7	77
102	Size-, Mass-, and Density-Controlled Preparation of $TiO_2$ Nanoparticles in a Spherical Coordination Template. <i>Journal of the American Chemical Society</i> , 2013, 135, 6786-6789.	13.7	59
103	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.	13.7	61
104	Synthesis of a Bridging Ligand with a Non-denatured Protein Pendant: Toward Protein Encapsulation in a Coordination Cage. <i>Chemistry Letters</i> , 2012, 41, 313-315.	1.3	16
105	Protein encapsulation within synthetic molecular hosts. <i>Nature Communications</i> , 2012, 3, 1093.	12.8	208
106	Simulation of Metal-Ligand Self-Assembly into Spherical Complex $M_6L_8$ . <i>Journal of the American Chemical Society</i> , 2012, 134, 14401-14407.	13.7	74
107	An $M_{18}L_{24}$ stellated cuboctahedron through post-stellation of an $M_{12}L_{24}$ core. <i>Nature Chemistry</i> , 2012, 4, 330-333.	13.6	191
108	Self-Assembly of $M_{24}L_{48}$ Polyhedra Based on Empirical Prediction. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3161-3163.	13.8	136

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109	Incarceration of (PdO) <sub>n</sub> and Pd <sub>n</sub> Clusters by Cage-Templated Synthesis of Hollow Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5893-5896.	13.8	43
110	Self-Assembly of Pt(II) Spherical Complexes via Temporary Labilization of the Metal-Ligand Association in 2,2,2-Trifluoroethanol. <i>Journal of the American Chemical Society</i> , 2011, 133, 13317-13319.	13.7	109
111	Self-assembled Inverse Dendrimer. <i>Chemistry Letters</i> , 2011, 40, 726-727.	1.3	11
112	The Precise Synthesis and Growth of Core-Shell Nanoparticles within a Self-Assembled Spherical Template. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4858-4861.	13.8	34
113	Viral-Capsid-Type Vesicle-Like Structures Assembled from M <sub>12</sub> L <sub>24</sub> Metal-Organic Hybrid Nanocages. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5182-5187.	13.8	68
114	A Sphere-in-Sphere Complex by Orthogonal Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10318-10321.	13.8	133
115	Template synthesis of precisely monodisperse silica nanoparticles within self-assembled organometallic spheres. <i>Nature Chemistry</i> , 2010, 2, 25-29.	13.6	140
116	Oligo(4-aminopiperidine-4-carboxylic acid): An Unusual Basic Oligopeptide with an Acid-Induced Helical Conformation. <i>Journal of the American Chemical Society</i> , 2010, 132, 13176-13178.	13.7	31
117	Well-Defined DNA Nanoparticles Templated by Self-Assembled M <sub>12</sub> L <sub>24</sub> Molecular Spheres and Binding of Complementary Oligonucleotides. <i>Journal of the American Chemical Society</i> , 2010, 132, 15930-15932.	13.7	67
118	Coronene Nanophase within Coordination Spheres: Increased Solubility of C <sub>60</sub> . <i>Journal of the American Chemical Society</i> , 2010, 132, 2544-2545.	13.7	99
119	Parallel-Stacked Aromatic Hosts for Orienting Small Molecules in a Magnetic Field: Induced Residual Dipolar Coupling by Encapsulation. <i>Journal of the American Chemical Society</i> , 2010, 132, 3670-3671.	13.7	40
120	Self-Assembled M <sub>24</sub> L <sub>48</sub> Polyhedra and Their Sharp Structural Switch upon Subtle Ligand Variation. <i>Science</i> , 2010, 328, 1144-1147.	12.6	747
121	Peptide-coated, self-assembled M <sub>12</sub> L <sub>24</sub> coordination spheres and their immobilization onto an inorganic surface. <i>Chemical Science</i> , 2010, 1, 68.	7.4	57
122	Minimal nucleotide duplex formation in water through enclathration in self-assembled hosts. <i>Nature Chemistry</i> , 2009, 1, 53-56.	13.6	206
123	Remarkable Stabilization of M <sub>12</sub> L <sub>24</sub> Spherical Frameworks through the Cooperation of 48 Pd(II)-Pyridine Interactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 6064-6065.	13.7	160
124	Discrete and Well-Defined Hydrophobic Phases Confined in Self-Assembled Spherical Complexes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5780-5782.	13.8	59
125	Polymerisation of an Anionic Monomer in a Self-Assembled M <sub>12</sub> L <sub>24</sub> Coordination Sphere with Cationic Interior. <i>Supramolecular Chemistry</i> , 2008, 20, 81-94.	1.2	32
126	Saccharide-Coated M <sub>12</sub> L <sub>24</sub> Molecular Spheres That Form Aggregates by Multi-interaction with Proteins. <i>Journal of the American Chemical Society</i> , 2007, 129, 3816-3817.	13.7	152



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127	Endohedral Peptide Lining of a Self-Assembled Molecular Sphere To Generate Chirality-Confined Hollows. <i>Journal of the American Chemical Society</i> , 2007, 129, 10652-10653.	13.7	113
128	Nanometer-Sized Shell Molecules That Confine Endohedral Polymerizing Units. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1083-1085.	13.8	89
129	Switching the Interior Hydrophobicity of a Self-Assembled Spherical Complex through the Photoisomerization of Confined Azobenzene Chromophores. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5133-5136.	13.8	162
130	Diels-Alder Reaction of Cyclopentadienone Acetal with Pyrrole and Indole. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1288-1292.	3.2	6
131	Fluorous Nanodroplets Structurally Confined in an Organopalladium Sphere. <i>Science</i> , 2006, 313, 1273-1276.	12.6	294
132	Three-component synthesis of polysubstituted benzene derivatives via Diels-Alder reaction of cyclopentadienone acetal with alkyne. <i>Tetrahedron</i> , 2005, 61, 11449-11455.	1.9	26
133	Thermal and Palladium-Catalyzed [3 + 2] Synthesis of Cyclopentadienone Acetals from Cyclopropanone Acetals and Acetylenes. <i>ChemInform</i> , 2005, 36, no.	0.0	1
134	Supramolecular modulation of action of polyamine on enzyme/DNA interactions. <i>Chemical Communications</i> , 2005, , 1549.	4.1	34
135	Thermal and Palladium-Catalyzed [3 + 2] Synthesis of Cyclopentadienone Acetals from Cyclopropanone Acetals and Acetylenes. <i>Organic Letters</i> , 2004, 6, 3569-3571.	4.6	35
136	Synthesis of Disubstituted Cucurbit[6]uril and Its Rotaxane Derivative. <i>Organic Letters</i> , 2002, 4, 1287-1289.	4.6	149
137	Synthesis of a Negatively Curved Nanocarbon Molecule with an Octagonal Omphalos Design of Experiments Optimizations Supplemented by Machine Learning. <i>Angewandte Chemie</i> , 0, , .	2.0	0