

# Sota Sato

## List of Publications by Year in descending order

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137  
papers

7,823  
citations

53660

45  
h-index

54797

84  
g-index

158  
all docs

158  
docs citations

158  
times ranked

5531  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.0	747
2	Self-assembly of tetravalent Goldberg polyhedra from 144 small components. <i>Nature</i> , 2016, 540, 563-566.	13.7	489
3	Fluorous Nanodroplets Structurally Confined in an Organopalladium Sphere. <i>Science</i> , 2006, 313, 1273-1276.	6.0	294
4	Self-Assembly of M <sub>30</sub> L <sub>60</sub> Icosidodecahedron. <i>CheM</i> , 2016, 1, 91-101.	5.8	246
5	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.	3.3	210
6	Protein encapsulation within synthetic molecular hosts. <i>Nature Communications</i> , 2012, 3, 1093.	5.8	208
7	Minimal nucleotide duplex formation in water through enclathration in self-assembled hosts. <i>Nature Chemistry</i> , 2009, 1, 53-56.	6.6	206
8	An M <sub>18</sub> L <sub>24</sub> stellated cuboctahedron through post-stellation of an M <sub>12</sub> L <sub>24</sub> core. <i>Nature Chemistry</i> , 2012, 4, 330-333.	6.6	191
9	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.	7.2	162
10	Remarkable Stabilization of M <sub>12</sub> L <sub>24</sub> Spherical Frameworks through the Cooperation of 48 Pd(II)â”Pyridine Interactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 6064-6065.	6.6	160
11	Finite phenine nanotubes with periodic vacancy defects. <i>Science</i> , 2019, 363, 151-155.	6.0	159
12	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.	6.6	152
13	Synthesis of Disubstituted Cucurbit[6]uril and Its Rotaxane Derivative. <i>Organic Letters</i> , 2002, 4, 1287-1289.	2.4	149
14	Template synthesis of precisely monodisperse silica nanoparticles within self-assembled organometallic spheres. <i>Nature Chemistry</i> , 2010, 2, 25-29.	6.6	140
15	Self-Assembly of M <sub>24</sub> L <sub>48</sub> Polyhedra Based on Empirical Prediction. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3161-3163.	7.2	136
16	A Sphere-in-Sphere Complex by Orthogonal Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10318-10321.	7.2	133
17	An M <sub>12</sub> (L <sup>1</sup> ) <sub>12</sub> (L <sup>2</sup> ) <sub>12</sub> Cantellated Tetrahedron: A Case Study on Mixed-Ligand Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13510-13513.	7.2	116
18	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.	6.6	113

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19	Self-Assembly of Pt(II) Spherical Complexes via Temporary Labilization of the Metalâ€“Ligand Association in 2,2,2-Trifluoroethanol. Journal of the American Chemical Society, 2011, 133, 13317-13319.	6.6	109
20	Coronene Nanophase within Coordination Spheres: Increased Solubility of C60. Journal of the American Chemical Society, 2010, 132, 2544-2545.	6.6	99
21	Emergent Ion-Gated Binding of Cationic Hostâ€“Guest Complexes within Cationic M <sub>12</sub> L <sub>24</sub> Molecular Flasks. Journal of the American Chemical Society, 2014, 136, 12027-12034.	6.6	94
22	Solid-state structures of peapod bearings composed of finite single-wall carbon nanotube and fullerene molecules. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8374-8379.	3.3	92
23	Nanometer-Sized Shell Molecules That Confine Endohedral Polymerizing Units. Angewandte Chemie - International Edition, 2007, 46, 1083-1085.	7.2	89
24	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
25	Geometrically Restricted Intermediates in the Selfâ€“Assembly of an M <sub>12</sub> L <sub>24</sub> Cuboctahedral Complex. Angewandte Chemie - International Edition, 2015, 54, 155-158.	7.2	80
26	Cyclo- <i>meta</i> -phenylene Revisited: Nickel-Mediated Synthesis, Molecular Structures, and Device Applications. Journal of Organic Chemistry, 2014, 79, 9735-9739.	1.7	79
27	M <sub>12</sub> L <sub>24</sub> Spheres with Endo and Exo Coordination Sites: Scaffolds for Non-Covalent Functionalization. Journal of the American Chemical Society, 2013, 135, 12497-12499.	6.6	77
28	Stereoisomerism, crystal structures, and dynamics of belt-shaped cyclonaphthylenes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8109-8114.	3.3	77
29	Simulation of Metalâ€“Ligand Self-Assembly into Spherical Complex M <sub>6</sub> L <sub>8</sub> . Journal of the American Chemical Society, 2012, 134, 14401-14407.	6.6	74
30	Molecular recognition in curved ï€“-systems: effects of ï€“-lengthening of tubular molecules on thermodynamics and structures. Chemical Science, 2015, 6, 909-916.	3.7	72
31	Coordination-Directed Self-Assembly of M <sub>12</sub> L <sub>24</sub> Nanocage: Effects of Kinetic Trapping on the Assembly Process. ACS Nano, 2014, 8, 1290-1296.	7.3	70
32	Viralâ€“Capsidâ€“Type Vesicleâ€“Like Structures Assembled from M <sub>12</sub> L <sub>24</sub> Metalâ€“Organic Hybrid Nanocages. Angewandte Chemie - International Edition, 2011, 50, 5182-5187.	7.2	68
33	Well-Defined DNA Nanoparticles Templated by Self-Assembled M <sub>12</sub> L <sub>24</sub> Molecular Spheres and Binding of Complementary Oligonucleotides. Journal of the American Chemical Society, 2010, 132, 15930-15932.	6.6	67
34	Aromatic hydrocarbon macrocycles for highly efficient organic light-emitting devices with single-layer architectures. Chemical Science, 2016, 7, 896-904.	3.7	63
35	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
36	Synthesis and Bowlâ€“inâ€“Bowl Assembly of a Geodesic Phenylene Bowl. Angewandte Chemie - International Edition, 2017, 56, 6511-6514.	7.2	60

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37	Discrete and Well-Defined Hydrophobic Phases Confined in Self-Assembled Spherical Complexes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5780-5782.	7.2	59
38	Size-, Mass-, and Density-Controlled Preparation of TiO <sub>2</sub> Nanoparticles in a Spherical Coordination Template. <i>Journal of the American Chemical Society</i> , 2013, 135, 6786-6789.	6.6	59
39	Concyclic CH <sub>2</sub> arrays for single-axis rotations of a bowl in a tube. <i>Nature Communications</i> , 2018, 9, 3779.	5.8	59
40	Peptide-coated, self-assembled M12L24 coordination spheres and their immobilization onto an inorganic surface. <i>Chemical Science</i> , 2010, 1, 68.	3.7	57
41	Belt-Shaped Cyclonaphthylenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12800-12804.	7.2	56
42	Theoretical studies on a carbonaceous molecular bearing: association thermodynamics and dual-mode rolling dynamics. <i>Chemical Science</i> , 2015, 6, 2746-2753.	3.7	56
43	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.	0.9	55
44	A nitrogen-doped nanotube molecule with atom vacancy defects. <i>Nature Communications</i> , 2020, 11, 1807.	5.8	46
45	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.	7.2	43
46	Ratchet-free solid-state inertial rotation of a guest ball in a tight tubular host. <i>Nature Communications</i> , 2018, 9, 1907.	5.8	43
47	Cycloparaphenylene-Phenalenyl Radical and Its Dimeric Double Nanohoop**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13529-13535.	7.2	43
48	Narrowing Segments of Helical Carbon Nanotubes with Curved Aromatic Panels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7385-7389.	7.2	42
49	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.	6.6	40
50	Pentagon-Embedded Cycloarylenes with Cylindrical Shapes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9106-9110.	7.2	40
51	Modular Synthesis of Aromatic Hydrocarbon Macrocycles for Simplified, Single-Layer Organic Light-Emitting Devices. <i>Journal of Organic Chemistry</i> , 2016, 81, 662-666.	1.7	39
52	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.	6.6	39
53	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.	7.2	38
54	Self-Sorting of Two Hydrocarbon Receptors with One Carbonaceous Ligand. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15339-15343.	7.2	38

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55	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.	5.3	37
56	Thermal and Palladium-Catalyzed [3 + 2] Synthesis of Cyclopentadienone Acetals from Cyclopropenone Acetals and Acetylenes. <i>Organic Letters</i> , 2004, 6, 3569-3571.	2.4	35
57	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.	6.6	35
58	Supramolecular modulation of action of polyamine on enzyme/DNA interactions. <i>Chemical Communications</i> , 2005, , 1549.	2.2	34
59	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.	7.2	34
60	Photoinduced Electron Transfer in a Dynamic Supramolecular System with Curved $\pi$ -Structures. <i>Organic Letters</i> , 2014, 16, 3352-3355.	2.4	34
61	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.	5.2	33
62	Polymerisation of an Anionic Monomer in a Self-Assembled $M_{12}L_{24}$ Coordination Sphere with Cationic Interior. <i>Supramolecular Chemistry</i> , 2008, 20, 81-94.	1.5	32
63	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.	6.6	31
64	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.	7.2	30
65	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.	7.2	30
66	Entropy-Driven Ball-in-Bowl Assembly of Fullerene and Geodesic Phenylene Bowl. <i>Organic Letters</i> , 2017, 19, 2362-2365.	2.4	29
67	An Obtuse-Angled Corner Unit for Fluctuating Carbon Nanohoops. <i>Chemistry - an Asian Journal</i> , 2017, 12, 271-275.	1.7	29
68	Stepwise DNA condensation by a histone-mimic peptide-coated $M_{12}L_{24}$ spherical complex. <i>Chemical Science</i> , 2014, 5, 3257.	3.7	28
69	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.	2.1	27
70	$\pi$ -Extended Doublet Open-Shell Graphene Fragments Exhibiting One-Dimensional Chain Stacking. <i>Journal of the American Chemical Society</i> , 2022, 144, 2095-2100.	6.6	27
71	Three-component synthesis of polysubstituted benzene derivatives via Diels-Alder reaction of cyclopentadienone acetal with alkyne. <i>Tetrahedron</i> , 2005, 61, 11449-11455.	1.0	26
72	Self-Sorting of Two Hydrocarbon Receptors with One Carbonaceous Ligand. <i>Angewandte Chemie</i> , 2016, 128, 15565-15569.	1.6	26

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73	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.	1.6	25
74	Synthesis, Structures, and Assembly of Geodesic Phenine Frameworks with Isoreticular Networks of [n]Cycloparaphenylenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 3500-3507.	1.7	24
75	Finely Resolved Threshold for the Sharp M <sub>12</sub> /M <sub>24</sub> /M <sub>24</sub> L <sub>48</sub> Structural Switch in Multi-Component M <sub>n</sub> L <sub>2n</sub> Polyhedral Assemblies: X-ray, MS, NMR, and Ultracentrifugation Analyses. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2292-2295.	1.7	23
76	Synthesis and Bowl-in-a-Bowl Assembly of a Geodesic Phenylene Bowl. <i>Angewandte Chemie</i> , 2017, 129, 6611-6614.	1.6	23
77	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.	1.6	22
78	Cycloparaphenylene Double Nano hoop: Structure, Lamellar Packing, and Encapsulation of C <sub>60</sub> in the Solid State. <i>Organic Letters</i> , 2021, 23, 7943-7948.	2.4	22
79	Unbiased Rotational Motions of an Ellipsoidal Guest in a Tight Yet Pliable Host. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2040-2044.	7.2	21
80	DOSY NMR, X-ray Structural and Ion-Mobility Mass Spectrometric Studies on Electron-Deficient and Electron-Rich M <sub>6</sub> L <sub>4</sub> Coordination Cages. <i>Inorganic Chemistry</i> , 2015, 54, 6055-6061.	1.9	20
81	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.	6.6	20
82	Synthesis and Dynamic Structures of a Hybrid Nano hoop Molecule Composed of Anthanthrenylene and Phenylene Panels. <i>Chemistry Letters</i> , 2015, 44, 1581-1583.	0.7	19
83	Pentagon-Embedded Cycloarylenes with Cylindrical Shapes. <i>Angewandte Chemie</i> , 2017, 129, 9234-9238.	1.6	18
84	Retarded Solid-State Rotations of an Oval-Shaped Guest in a Deformed Cylinder with CH <sub>2</sub> Arrays. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12170-12174.	7.2	18
85	One-pot Synthesis of [n]Cyclo-1,3-pyrenylenes via Ni-mediated Macrocyclization. <i>Chemistry Letters</i> , 2016, 45, 217-219.	0.7	17
86	Synthesis and Structures of $\pi$ -Extended [n]Cycloparaphenylenes (n = 12, 16, 20) Containing n/2 Nitrogen Atoms. <i>Chemistry Letters</i> , 2016, 45, 658-660.	0.7	17
87	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, DOI: 10.1039/C5SC04676A. <i>Chemical Science</i> , 2016, 7, 2929-2932.	3.7	17
88	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.	0.7	16
89	Narrowing Segments of Helical Carbon Nanotubes with Curved Aromatic Panels. <i>Angewandte Chemie</i> , 2019, 131, 7463-7467.	1.6	16
90	Modulation of Energy Conversion Processes in Carbonaceous Molecular Bearings. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2404-2410.	1.7	15

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91	Efficient Blue Electroluminescence from a Single-layer Organic Device Composed Solely of Hydrocarbons. <i>Chemistry - an Asian Journal</i> , 2017, 12, 730-733.	1.7	15
92	Room temperature magnetoresistance in an organic spin valve with an aromatic hydrocarbon macrocycle. <i>APL Materials</i> , 2017, 5, .	2.2	15
93	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.	1.6	14
94	Fluorescence Enhancement of Aromatic Macrocycles by Lowering Excited Singlet State Energies. <i>Journal of Organic Chemistry</i> , 2020, 85, 150-157.	1.7	13
95	Enhanced yet Inverted Effects of $\pi$ -Extension in Self-Assembly of Curved $\pi$ -Systems with Helicity. <i>Organic Letters</i> , 2017, 19, 6456-6459.	2.4	12
96	Unbiased Rotational Motions of an Ellipsoidal Guest in a Tight Yet Pliable Host. <i>Angewandte Chemie</i> , 2019, 131, 2062-2066.	1.6	12
97	Synthesis of a Negatively Curved Nanocarbon Molecule with an Octagonal Omphalos via Design-of-experiments Optimizations Supplemented by Machine Learning. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	12
98	Self-assembled Inverse Dendrimer. <i>Chemistry Letters</i> , 2011, 40, 726-727.	0.7	11
99	Introduction of Nitrogen Atoms in [n]Cyclo-meta-phenylenes via Cross-coupling Macrocyclization. <i>Chemistry Letters</i> , 2016, 45, 676-678.	0.7	11
100	Hyper-assembly of Self-assembled Glycoclusters Mediated by Specific Carbohydrate-Carbohydrate Interactions. <i>Chemistry - an Asian Journal</i> , 2017, 12, 968-972.	1.7	11
101	Synthesis of a Hemispherical Geodesic Phenine Framework by a Polygon Assembling Strategy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6567-6571.	7.2	11
102	Acyclic, Linear Oligo-meta-phenylenes as Multipotent Base Materials for Highly Efficient Single-layer Organic Light-emitting Devices. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2181-2186.	1.7	11
103	Stereodivergent Synthesis and Configurational Assignment of the C1-C15 Segment of Amphirionin-5. <i>Journal of Organic Chemistry</i> , 2016, 81, 9105-9121.	1.7	10
104	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.	1.0	10
105	Retarded Solid-state Rotations of an Oval-shaped Guest in a Deformed Cylinder with CH <sub>2</sub> Arrays. <i>Angewandte Chemie</i> , 2019, 131, 12298-12302.	1.6	10
106	[n]Cyclo-phenanthrenylenes: Synthesis, Structure, and Fluorescence. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2093-2097.	1.7	9
107	Total Synthesis of (±)-Histronicotxin through a Stereoselective Radical Translocation-Cyclization Reaction. <i>Angewandte Chemie</i> , 2017, 129, 1107-1111.	1.6	9
108	Two polyhedral frameworks of an M <sub>12</sub> L <sub>24</sub> spherical complex revealed by replica-exchange molecular dynamics simulations. <i>Chemical Physics Letters</i> , 2019, 714, 185-189.	1.2	9



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109	Cycloparaphenyleneâ€“Phenalenyl Radical and Its Dimeric Double Nanohoop**. <i>Angewandte Chemie</i> , 2021, 133, 13641-13647.	1.6	9
110	Chemical Reduction of a Nanosized [6]Cyclo[2,7]naphthylene Macrocycle. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11201-11205.	7.2	8
111	A self-assembled, Î€-stacked complex as a finely-tunable magnetic aligner for biomolecular NMR applications. <i>Chemical Communications</i> , 2015, 51, 2540-2543.	2.2	7
112	Dielsâ€“Alder Reaction of Cyclopentadienone Acetal with Pyrrole and Indole. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1288-1292.	2.0	6
113	Ineffective OH Pinning of the Flipping Dynamics of a Spherical Guest within a Tightâ€“Fitting Tube. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14570-14576.	7.2	6
114	Synthesis of a Hemispherical Geodesic Phenine Framework by a Polygon Assembling Strategy. <i>Angewandte Chemie</i> , 2020, 132, 6629-6633.	1.6	6
115	Preferences of polarity and chirality in triglycine sulfate crystals by alanine ghost. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 151, 109890.	1.9	6
116	Communicationâ€“Structural Modulation of Macrocylic 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.	0.9	5
117	Synthetic Approach to biomolecular science by cyborg supramolecular chemistry. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 358-364.	1.1	5
118	Periphery Design of Macrocylic Materials for Organic Light-Emitting Devices with a Blue Phosphorescent Emitter. <i>Organic Letters</i> , 2019, 21, 2759-2762.	2.4	5
119	Regulated Singleâ€“Axis Rotations of a Carbonaceous Guest in a vanâ€“der Waals Complex with an Entropy Cost. <i>Chemistry - an Asian Journal</i> , 2020, 15, 273-278.	1.7	5
120	Ineffective OH Pinning of the Flipping Dynamics of a Spherical Guest within a Tightâ€“Fitting Tube. <i>Angewandte Chemie</i> , 2020, 132, 14678-14684.	1.6	4
121	A Case Study of Stereoisomerism with [6]Cyclo[4]helicenylenes. <i>Chemistry Letters</i> , 2021, 50, 110-112.	0.7	4
122	Comprehensive Structural Analysis of the Bitter Components in Beer by the HPLCâ€“Assisted Crystalline Sponge Method. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	4
123	Novel Titanium Complexes with a Reversible Structural Change on Solvent Adsorption and Desorption. <i>Chemistry Letters</i> , 2015, 44, 1050-1052.	0.7	3
124	Crystalline Naphthylene Macrocylics Capturing Gaseous Small Molecules in Chiral Nanopores. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3829-3835.	1.7	3
125	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.	1.5	3
126	Chemical Reduction of a Nanosized [6]Cyclo[2,7]naphthylene Macrocycle. <i>Angewandte Chemie</i> , 2021, 133, 11301-11305.	1.6	2



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127	Thermal and Palladium-Catalyzed [3 + 2] Synthesis of Cyclopentadienone Acetals from Cyclopropanone Acetals and Acetylenes.. ChemInform, 2005, 36, no.	0.1	1
128	76â€“4: Lateâ€“Newsâ€“Paper: Aromatic Hydrocarbon Macrocycles for Highly Efficient Organic Lightâ€“Emitting Devices with Simpleâ€“Layer Architectures. Digest of Technical Papers SID International Symposium, 2020, 51, 1138-1141.	0.1	1
129	Development of Biomolecular Interfaces Constructed on the Frameworks of Huge, Hollow Spherical Complexes. Bulletin of Japan Society of Coordination Chemistry, 2015, 65, 30-37.	0.1	0
130	Lithium Batteries: Carbon-Rich Active Materials with Macrocyclic Nanochannels for High-Capacity Negative Electrodes in All-Solid-State Lithium Rechargeable Batteries (Small 25/2016). Small, 2016, 12, 3472-3472.	5.2	0
131	InnenrÃ¼cktitelbild: Synthesis and Bowlâ€“inâ€“Bowl Assembly of a Geodesic Phenylene Bowl (Angew. Chem.) Tj ETQg1 1 0.784314 rg3T	1.8	0
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