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**Functional molecular flasks: new properties and reactions within discrete, self-assembled hosts**

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1644	A Spherical 24 Butyrate Aggregate with a Hydrophobic Cavity in a Capsule with Flexible Pores: Confinement Effects and Uptake/Release Equilibria at Elevated Temperatures. <b>2009</b> , 121, 8195-8200		27
1643	Copper(I) cuboctahedral coordination cages: host-guest dependent redox activity. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 6156-9	16.4	70
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14 <sup>03</sup>	Kinetically and thermodynamically controlled syntheses of covalent molecular capsules. <b>2011</b> , 45, 1-37		8
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1323	Transformative Binding and Release of Gold Guests from a Self-Assembled Cu8L4 Tube. <b>2012</b> , 124, 1917-1920	14
1322	NMR-spektroskopische Strukturaufklärung eines verflochtenen Koordinationskäfigs mit der Form eines doppelten Kleeblattknotens. <b>2012</b> , 124, 4828-4832	40
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1320	Integrative Self-Sorting Synthesis of a Fe8Pt6L24 Cubic Cage. <b>2012</b> , 124, 6785-6789	57
1319	Guanidinium Binding Modulates Guest Exchange within an [M4L6] Capsule. <b>2012</b> , 124, 6988-6991	13
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1316	NMR-based structure determination of an intertwined coordination cage resembling a double trefoil knot. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4747-50	16.4 83
1315	Supramolecular tetrahedra of phosphines and coinage metals. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5106-9	16.4 34
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1313	Guanidinium binding modulates guest exchange within an [M4L6] capsule. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 6882-5	16.4 50
1312	Two zeolite-type frameworks in one metal-organic framework with Zn24 @Zn104 cube-in-sodalite architecture. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8538-41	16.4 56
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1308	Efficient synthesis of pseudopeptidic molecular cages. <b>2012</b> , 18, 5496-500	35
1307	Isostructural M2L4 molecular capsules with anthracene shells: synthesis, crystal structures, and fluorescent properties. <b>2012</b> , 18, 8358-65	75
1306	A series of trifacial Pd <sub>6</sub> molecular barrels with porphyrin walls. <b>2012</b> , 18, 9571-9	42
1305	DNA binding studies and cytotoxicity of a dinuclear PtII diazapyrenium-based metallo-supramolecular rectangular box. <b>2012</b> , 18, 10983-90	32
1304	Confined nanospaces in metallocages: guest molecules, weakly encapsulated anions, and catalyst sequestration. <b>2012</b> , 112, 2015-41	402
1303	Supramolecular interaction of coumarin 1 dye with cucurbit[7]uril as host: combined experimental and theoretical study. <b>2012</b> , 116, 5551-8	35
1302	Selective inclusion of PO <sub>4</sub> ( <sup>3-</sup> ) within persistent dimeric capsules of a tris(thiourea) receptor and evidence of cation/solvent sealed unimolecular capsules. <b>2012</b> , 41, 8960-72	37
1301	Hydration of isocyanates in an expandable, self-assembled capsule. <b>2012</b> , 48, 8508-10	9
1300	A metal-directed self-assembled electroactive cage with bis(pyrrolo)tetrathiafulvalene (BPTTF) side walls. <b>2012</b> , 134, 11968-70	90
1299	In situ synthesis of a zwitterionic ligand and formation of a Eu(III) coordination polymer with double-bridged connectors. <b>2012</b> , 20, 122-125	11
1298	Formation and characterization of water-soluble hetero capsules derived from multiple ionic interactions. <b>2012</b> , 68, 1492-1501	4
1297	Ring construction via pseudo-intramolecular hydrazonation using bifunctional $\beta$ -keto nitrile. <b>2012</b> , 53, 82-85	10
1296	Chiral phenylazomethine cage. <b>2012</b> , 53, 783-785	10
1295	Metal-organic frameworks constructed from versatile [WS <sub>4</sub> Cu(x)](x-2) units: micropores in highly interpenetrated systems. <b>2012</b> , 18, 2812-24	53
1294	Coordination polymers based on [Cp*Fe( $\beta$ -P5)]: solid-state structure and MAS NMR studies. <b>2012</b> , 18, 1168-79	60
1293	Three-component self-assembly of a series of triply interlocked Pd <sub>12</sub> coordination prisms and their non-interlocked Pd <sub>6</sub> analogues. <b>2012</b> , 18, 3199-209	40
1292	Size-determining dependencies in supramolecular organometallic host-guest chemistry. <b>2012</b> , 18, 829-35	58

1291	A single water molecule trapped inside hydrophobic C60. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 587-9	16.4	18
1290	Nonlinear enhancement of chiroptical response through subcomponent substitution in M4L6 cages. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1464-8	16.4	84
1289	Transformative binding and release of gold guests from a self-assembled Cu8L4 tube. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 1881-4	16.4	44
1288	Functional behaviour from controlled self-assembly: challenges and prospects. <b>2013</b> , 42, 1619-36		376
1287	Homochiral supramolecular M2L4 cages by high-fidelity self-sorting of chiral ligands. <b>2013</b> , 19, 10890-4		78
1286	Assembly and stepwise oxidation of interpenetrated coordination cages based on phenothiazine. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10102-6	16.4	94
1285	Discrimination of cis-trans isomers by dinuclear metal cryptates at physiological pH: selectivity for fumarate vs. maleate. <b>2013</b> , 42, 14092-9		14
1284	Host-guest supramolecular nanosystems for cancer diagnostics and therapeutics. <b>2013</b> , 25, 3888-98		178
1283	Giant hollow M(n)L(2n) spherical complexes: structure, functionalisation and applications. <b>2013</b> , 49, 6703-12		444
1282	Guest inclusion in cyclic imides containing flexible tethers. <b>2013</b> , 76, 269-281		2
1281	Assembly of copper tetrazole frameworks with role-changeable Keggin clusters: syntheses, structures, solvent-dependent luminescence and electrochemistry properties. <b>2013</b> , 15, 7199		34
1280	Four New Cd(II) Coordination Polymers with Mixed Multidentate N-Donors and Biphenyl-Based Polycarboxylate Ligands: Syntheses, Structures, and Photoluminescent Properties. <b>2013</b> , 13, 377-385		189
1279	Encapsulation of metalloporphyrins in a self-assembled cubic M8L6 cage: a new molecular flask for cobalt-porphyrin-catalysed radical-type reactions. <b>2013</b> , 19, 10170-8		85
1278	Chiral recognition and kinetic resolution of aromatic amines via supramolecular chiral nanocapsules in nonpolar solvents. <b>2013</b> , 135, 3371-4		62
1277	The Literature of Heterocyclic Chemistry, Part XI, 2008-2009. <b>2013</b> , 195-290		8
1276	Chemical signals turn on guest binding through structural reconfiguration of triangular helicates. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11273-7	16.4	40
1275	A giant metallo-supramolecular cage encapsulating a single-molecule magnet. <b>2013</b> , 49, 3658-60		64
1274	M(12)L(24) spheres with endo and exo coordination sites: scaffolds for non-covalent functionalization. <b>2013</b> , 135, 12497-9		65

1273	Geometric curvature controls the chemical patchiness and self-assembly of nanoparticles. <b>2013</b> , 8, 676-81	113
1272	Dynamic Combinatorial Chemistry in Chemical Catalysis. <b>2013</b> , 53, 61-74	34
1271	Cyclodextrin host as a supramolecular catalyst in nonpolar solvents: stereoselective synthesis of (E)-3-alkylideneoxindoles. <b>2013</b> , 69, 9428-9433	19
1270	Supramolecular Catalysis. <b>2013</b> , 457-486	3
1269	Ligand and Metalloligand Design for Macrocycles, Multimetallic Arrays, Coordination Polymers, and Assemblies. <b>2013</b> , 1-29	0
1268	Coordination Self-assembly: Structure and Function Updated. <b>2013</b> , 31-57	2
1267	A trigonal prismatic ligand in the metal-mediated self-assembly of one- and two-dimensional metallosupramolecular polymers. <b>2013</b> , 52, 9309-19	18
1266	High-fidelity stereochemical memory in a Fe(II)4L4 tetrahedral capsule. <b>2013</b> , 135, 17999-8006	76
1265	A recyclable trinuclear bifunctional catalyst derived from a tetraoxo bis-Zn(salphen) metalloligand. <b>2013</b> , 19, 2641-8	64
1264	Kinetic stabilization of N,N-dimethyl-2-propyn-1-amine N-oxide by encapsulation. <b>2013</b> , 15, 4976-9	12
1263	Hexameric resorcinarene capsule is a Brønsted acid: investigation and application to synthesis and catalysis. <b>2013</b> , 135, 16213-9	133
1262	Multistep One-Pot Reactions Combining Biocatalysts and Chemical Catalysts for Asymmetric Synthesis. <b>2013</b> , 3, 2856-2864	177
1261	Molecularly designed architectures--the metalloligand way. <b>2013</b> , 42, 9403-53	189
1260	Superbases in confined space: control of the basicity and reactivity of the proton transfer. <b>2013</b> , 135, 18659-64	28
1259	Chiral amide directed assembly of a diastereo- and enantiopure supramolecular host and its application to enantioselective catalysis of neutral substrates. <b>2013</b> , 135, 18802-5	151
1258	Hemicryptophane-assisted electron transfer: a structural and electronic study. <b>2013</b> , 42, 1530-5	21
1257	A C60-templated tetrameric porphyrin barrel complex via zinc-mediated self-assembly utilizing labile capping ligands. <b>2013</b> , 135, 18790-3	74
1256	(M3L4 + M2L4): a unique example of a co-crystal containing M3L4 and M2L4 metallocages. <b>2013</b> , 15, 10311	5

1255	PtII6 nanoscopic cages with an organometallic backbone as sensors for picric acid. <b>2013</b> , 42, 16784-95	52
1254	Metal-Molecular Assembly for Functional Materials. <b>2013</b> ,	1
1253	Synthesis and characterization of supramolecular complexes of a tetranuclear metallocycle with platinum(II) bis-ethynylphenylethynylpyridine organometallic complexes. <b>2013</b> , 38, 913-922	2
1252	Hierarchical assembly of discrete copper(II) metallo-structures from pre-assembled dinuclear (bis- $\beta$ -diketonato)metallocycles and flexible difunctional co-ligands. <b>2013</b> , 42, 14315-23	12
1251	First example of perfluoroalkylation of a quasi-aromatic encapsulating ligand: 2,5-Dithiahexane-assisted reaction of the iron(II) diiodocathrochelate with trifluoromethylcopper(I). <b>2013</b> , 33, 147-150	13
1250	A series of coordination complexes based on unsymmetrical multicarboxylate ligands: syntheses, structures and properties. <b>2013</b> , 15, 6769	10
1249	Electrostatic control of peptide side-chain reactivity using amphiphilic homopolymer-based supramolecular assemblies. <b>2013</b> , 135, 14179-88	15
1248	Two cationic metal-organic frameworks featuring different cage-to-cage connections: syntheses, crystal structures, photoluminescence and gas sorption properties. <b>2013</b> , 15, 8139	16
1247	Giant electroactive M4L6 tetrahedral host self-assembled with Fe(II) vertices and perylene bisimide dye edges. <b>2013</b> , 135, 15656-61	139
1246	Selective anion encapsulation in solid-state Ln(III)[15-metallacrown-5] <sub>3</sub> <sup>+</sup> compartments through secondary sphere interactions. <b>2013</b> , 42, 9803-8	24
1245	Progressive decoration of pentanuclear Cu(II) 12-metallacrown-4 nodes towards targeted 1- and 2D extended networks. <b>2013</b> , 15, 6672	24
1244	Ligand self-sorting and nonlinear effects in dinuclear asymmetric hydrogenation: complexity in catalysis. <b>2013</b> , 19, 10458-62	14
1243	Formation of a metal-organic framework with high surface area and gas uptake by breaking edges off truncated cuboctahedral cages. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11282-5	16.4 52
1242	Highly Conductive [3B] Gold-Ion Clusters Enclosed within Self-Assembled Cages. <b>2013</b> , 125, 6322-6325	11
1241	Precision templating with DNA of a virus-like particle with peptide nanostructures. <b>2013</b> , 135, 6211-9	77
1240	A photoactive basket-like metal-organic tetragon worked as an enzymatic molecular flask for light driven H <sub>2</sub> production. <b>2013</b> , 49, 627-9	45
1239	Eight Zn(II) coordination networks based on flexible 1,4-di(1H-imidazol-1-yl)butane and different dicarboxylates: crystal structures, water clusters, and topologies. <b>2013</b> , 42, 12324-33	70
1238	An unprecedented octahedral {Cd <sub>30</sub> } nanocage supported by twelve pendant-armed tetraacetate macrocyclic ligands. <b>2013</b> , 42, 3304-7	7



1237	Synthesis of a self-assembled copper(II) metallo-rectangle with a guanosine-substituted terpyridine. <b>2013</b> , 42, 13813-6	8
1236	Unique stepwise substitution reaction of a mono(guanidinate)tetraplatinum complex with amidines, giving mono(amidinate)tetraplatinum complexes through mixed-ligand intermediate complexes. <b>2013</b> , 42, 2831-40	13
1235	Recyclable nitrate-templated photochemical [2+2] cycloaddition reaction promoted by a tripodal receptor. <b>2013</b> , 49, 10070-2	19
1234	Metal-organic container molecules through subcomponent self-assembly. <b>2013</b> , 49, 2476-90	276
1233	Oxidation of cycloalkanes by H <sub>2</sub> O <sub>2</sub> using a copper-hemicryptophane complex as a catalyst. <b>2013</b> , 49, 1288-90	59
1232	A face-capped [Fe <sub>4</sub> L <sub>4</sub> ] <sup>8+</sup> spin crossover tetrahedral cage. <b>2013</b> , 49, 1597-9	71
1231	Self-assembled tetragonal prismatic molecular cage highly selective for anionic guests. <b>2013</b> , 19, 1445-56	29
1230	Hydrogen bonded supramolecular capsules with functionalized interiors: the controlled orientation of included guests. <b>2013</b> , 42, 3261-77	135
1229	Fusing High Symmetric Coordination Polyhedrons of Cu <sub>6</sub> (PIP) <sub>4</sub> , Cu <sub>12</sub> (PIP) <sub>8</sub> , and Cu <sub>12</sub> (PIP) <sub>24</sub> into an Unprecedented Porous MOF: Synthesis, Structure, and Its Remarkable CO <sub>2</sub> Selectivity. <b>2013</b> , 13, 24-26	29
1228	Multicomponent self-sorting of a Pd <sub>7</sub> molecular boat and its use in catalytic Knoevenagel condensation. <b>2013</b> , 49, 4307-9	56
1227	Structural design principles for self-assembled coordination polygons and polyhedra. <b>2013</b> , 49, 1354-79	139
1226	Chemistry and structure of a host-guest relationship: the power of NMR and X-ray diffraction in tandem. <b>2013</b> , 135, 392-9	45
1225	Nanosized Coordination Cages Incorporating Multiple Cu(I) Reactive Sites: Host-Guest Modulated Catalytic Activity. <b>2013</b> , 3, 1-9	56
1224	Lichtgesteuerte Aufnahme und Freisetzung von Gastmolekülen durch einen photochromen Koordinationskäfig. <b>2013</b> , 125, 1358-1362	122
1223	Nonlinear Amplification of a Supramolecular Complex at a Multivalent Interface. <b>2013</b> , 125, 742-747	4
1222	A Self-Assembled Multiporphyrin Cage Complex through Three Different Zinc(II) Center Formation under Well-Balanced Aqueous Conditions. <b>2013</b> , 125, 748-751	23
1221	Light-triggered guest uptake and release by a photochromic coordination cage. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 1319-23	16.4 377
1220	Nonlinear amplification of a supramolecular complex at a multivalent interface. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 714-9	16.4 15

1219	A self-assembled multiporphyrin cage complex through three different zinc(II) center formation under well-balanced aqueous conditions. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 720-3	16.4	66
1218	Host-guest interactions of phosphorescent molecular tweezers based on an alkynylplatinum(II) terpyridine system with polyaromatic hydrocarbons. <b>2013</b> , 19, 390-9		77
1217	Guest binding subtly influences spin crossover in an FeII capsule. <b>2013</b> , 19, 8058-62		58
1216	Solvent and pressure effects on the motions of encapsulated guests: tuning the flexibility of a supramolecular host. <b>2013</b> , 135, 4299-306		40
1215	Proline adducts of metallo-organic, sextuply-stranded lanterns as homogeneous catalysts for asymmetric catalysis. <b>2013</b> , 69, 10477-10481		5
1214	Self-assembled mononuclear palladium(II) based molecular loops. <b>2013</b> , 400, 42-50		13
1213	Solvatochromic behavior of chiral mesoporous metal-organic frameworks and their applications for sensing small molecules and separating cationic dyes. <b>2013</b> , 19, 3639-45		189
1212	Metal-organic frameworks and self-assembled supramolecular coordination complexes: comparing and contrasting the design, synthesis, and functionality of metal-organic materials. <b>2013</b> , 113, 734-77		2304
1211	Organocatalysis in Confined Spaces. <b>2013</b> , 5, 677-679		10
1210	Helical Structures Featuring Thiolato Donors. <b>2013</b> , 159-192		
1209	Solvent-dependent host-guest chemistry of an Fe8L12 cubic capsule. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 1944-8	16.4	44
1208	Five discrete multinuclear metal-organic assemblies from one ligand: deciphering the effects of different templates. <b>2013</b> , 135, 2723-33		133
1207	Selective assembly and disassembly of a water-soluble Fe10L15 prism. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4837-40	16.4	61
1206	Chiral M3L2 self-assembled capsules through metal coordination of enantiopure ligating benzocyclotrimers: NMR spectroscopic and ESI mass spectrometric investigation. <b>2013</b> , 19, 5701-14		19
1205	Syntheses, Structures and Properties of Lanthanide Organic Frameworks incorporating 1H-benzimidazole-2-carboxylic Acid. <b>2013</b> , 639, 443-448		4
1204	X-ray analysis on the nanogram to microgram scale using porous complexes. <b>2013</b> , 495, 461-6		593
1203	A facile "click" approach to functionalised metallosupramolecular architectures. <b>2013</b> , 49, 3398-400		63
1202	Self-assembly of ambidentate pyridyl-carboxylate ligands with octahedral ruthenium metal centers: self-selection for a single-linkage isomer and anticancer-potency studies. <b>2013</b> , 19, 6709-17		28

1201	Organophotocatalysis in nanostructured soft gel materials as tunable reaction vessels: comparison with homogeneous and micellar solutions. <b>2013</b> , 1, 4577	33
1200	Self-assembled squares and triangles by simultaneous hydrogen bonding and metal coordination. <b>2013</b> , 15, 1548-51	34
1199	Isolation of elusive tetranuclear and pentanuclear M(II)-hydroximate intermediates in the assembly of lanthanide [15-metallacrown-5] complexes. <b>2013</b> , 52, 5063-76	33
1198	Encapsulation of a discrete cyclic halide water tetramer [X <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> -, X = Cl-/Br- within a dimeric capsular assembly of a tripodal amide receptor. <b>2013</b> , 49, 3997-9	51
1197	Wide-ranging host capability of a Pd(II)-linked M <sub>2</sub> L <sub>4</sub> molecular capsule with an anthracene shell. <b>2013</b> , 19, 6313-20	97
1196	Supramolecular Ligands in Gold(I) Catalysis. <b>2013</b> , 5, 1084-1087	24
1195	Cu <sub>12</sub> and Cd <sub>16</sub> coordination cages and their Cu <sub>3</sub> and Cd <sub>3</sub> subcomponents, and the role of inter-ligand $\pi$ -stacking in stabilising cage complexes. <b>2013</b> , 42, 6756-67	26
1194	Self-assembly of a constitutional dynamic library of Cu(II) coordination polygons and reversible sorting by crystallization. <b>2013</b> , 42, 7534-8	10
1193	Construction of Supramolecular Pyrene-Modified Metallacycles via Coordination-Driven Self-Assembly and Their Spectroscopic Behavior. <b>2013</b> , 32, 2536-2545	56
1192	Mechanistic insight on the Diels-Alder reaction catalyzed by a self-assembled molecular capsule. <b>2013</b> , 78, 3577-82	17
1191	A supramolecular approach to combining enzymatic and transition metal catalysis. <b>2013</b> , 5, 100-3	279
1190	Elaborate Metallosupramolecular Architectures through Desymmetrization Self-assembly of Symmetric Building Blocks. <b>2013</b> , 42, 328-334	55
1189	Quantitative understanding of guest binding enables the design of complex host-guest behavior. <b>2013</b> , 135, 7039-46	86
1188	Molecular recognition phenomenon in aromatic compounds. <b>2013</b> , 39, 2925-2944	14
1187	Frontiers, opportunities, and challenges in biochemical and chemical catalysis of CO <sub>2</sub> fixation. <b>2013</b> , 113, 6621-58	1415
1186	Versatile self-assembled molecular capsule formation of a resorcin[4]arene-based benzamidoiminocavitand. <b>2013</b> , 49, 6316-8	12
1185	Cp*Rh-based heterometallic metallarectangles: size-dependent Borromean link structures and catalytic acyl transfer. <b>2013</b> , 135, 8125-8	192
1184	Dodecanuclear hexagonal-prismatic M <sub>12</sub> L <sub>18</sub> coordination cages by subcomponent self-assembly. <b>2013</b> , 52, 5648-50	39

1183	Supramolecular Encapsulated Rhodium Catalysts for Branched Selective Hydroformylation of Alkenes at High Temperature. <b>2013</b> , 355, n/a-n/a		11
1182	A stimuli responsive system of self-assembled anion-binding Fe <sub>4</sub> L <sub>6</sub> S <sub>8</sub> cages. <b>2013</b> , 4, 68-76		96
1181	Preparation of potentially porous, chiral organometallic materials through spontaneous resolution of pincer palladium conformers. <b>2013</b> , 42, 8484-91		11
1180	Propeller-Shaped Self-Assembled Molecular Capsules: Synthesis and Guest Entrapment. <b>2013</b> , 13, 2636-2641		19
1179	Transporting and shielding photosensitisers by using water-soluble organometallic cages: a new strategy in drug delivery and photodynamic therapy. <b>2013</b> , 19, 8378-86		108
1178	Syntheses, Topological Structures, and Photoluminescences of Six New Zn(II) Coordination Polymers Based on Mixed Tripodal Imidazole Ligand and Varied Polycarboxylates. <b>2013</b> , 13, 1277-1289		129
1177	Reactant ratio-modulated entangled Cd(II) coordination polymers based on rigid tripodal imidazole ligand and tetrabromoterephthalic acid: interpenetration, interdigitation and self-penetration. <b>2013</b> , 15, 5552		38
1176	Metal complexes of ditopic dithiophosphonate ligands built on a naphthalenediimide core. <b>2013</b> , 400, 228-238		9
1175	Self-assembled containers based on extended tetrathiafulvalene. <b>2013</b> , 135, 10018-21		73
1174	Micelle-like molecular capsules with anthracene shells as photoactive hosts. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2308-12	16.4	89
1173	A cyclodextrin dimer as a supramolecular reaction platform for aqueous organometallic catalysis. <b>2013</b> , 49, 6989-91		22
1172	Merging catalysis and supramolecular aggregation features of triptycene based Zn(salphen)s. <b>2013</b> , 42, 7962-70		21
1171	Highly conductive [3B] gold-ion clusters enclosed within self-assembled cages. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 6202-5	16.4	60
1170	Four-component assembly in the crystalline state driven by amidinium-carboxylate salt bridge formation from an aqueous solution. <b>2013</b> , 11, 3692-8		13
1169	Heteroleptic metallosupramolecular racks, rectangles, and trigonal prisms: stoichiometry-controlled reversible interconversion. <b>2013</b> , 52, 6975-84		41
1168	Design and construction of supramolecular polysulfurated metallodendrimers with various shapes and sizes via coordination-driven self-assembly. <b>2013</b> , 69, 5981-5988		17
1167	Dynamic combinatorial libraries: from exploring molecular recognition to systems chemistry. <b>2013</b> , 135, 9222-39		337
1166	Bidirectional regulation of halide binding in a heterometallic supramolecular cube. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 13439-43	16.4	58

1165	Construction of cucurbit[7]uril based tubular nanochannels incorporating associated [CdCl <sub>4</sub> ] <sup>2-</sup> and lanthanide ions. <b>2013</b> , 52, 1909-15	60
1164	Inherently chiral iminoresorcinarenes through regioselective unidirectional tautomerization. <b>2013</b> , 78, 11597-601	26
1163	Capsular Assemblies of Calix[4]resorcinarene-based Cavitands. <b>2013</b> , 2, 276-289	19
1162	Enhanced Catalytic Efficiency in the Epoxidation of Alkenes for Manganese Complex Encapsulated in the Hydrophobic Interlayer Region of Layered Double Hydroxides. <b>2013</b> , 52, 17821-17828	14
1161	Noncovalent tailoring of the binding pocket of self-assembled cages by remote bulky ancillary groups. <b>2013</b> , 135, 613-5	53
1160	Structural diversity of Ag/3-nitrophthalate coordination polymers controlled by solvent and induction agent. <b>2013</b> , 15, 1185-1193	24
1159	In situ construction of a coordination zirconocene tetrahedron. <b>2013</b> , 52, 13815-7	85
1158	Building on architectural principles for three-dimensional metallocsupramolecular construction. <b>2013</b> , 42, 1728-54	600
1157	Selective Assembly and Disassembly of a Water-Soluble Fe <sub>10</sub> L <sub>15</sub> Prism. <b>2013</b> , 125, 4937-4940	20
1156	Dimensional matching of polycyclic aromatics with rectangular metallacycles: insertion modes determined by [C-H...π] interactions. <b>2013</b> , 19, 15329-35	33
1155	Synthesis and Crystal Structure of a Novel Ho(III) Coordination Polymer with Oxalic Acid. <b>2013</b> , 873, 697-700	1
1154	Synthons for supramolecular assemblies: Synthesis of new triazine-core polyhydroxylated and multi-N-donor compounds. <b>2013</b> , 4, 149-152	
1153	Electronic substitution effects on anion coordination of a tripodal thiourea receptor: evidences of deprotonation of oxy-anions in solid and solution. <b>2013</b> , 25, 819-830	7
1152	Metal-directed self-assembly of M <sub>3</sub> L <sub>2</sub> (M=Zn, Cd) metal-organic architectures with a tripodal tris-bidentate chelator. <b>2013</b> , 66, 2775-2787	5
1151	Post-modification of the interior of porous shape-persistent organic cage compounds. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 3611-5	16.4 120
1150	Stimuli-responsive Synthetic Metallopeptides. <b>2013</b> , 42, 456-462	20
1149	Supramolecular Redox Transduction: Macrocyclic Receptors for Organic Guests. <b>2013</b> , 213-256	4
1148	Bidirectional Regulation of Halide Binding in a Heterometallic Supramolecular Cube. <b>2013</b> , 125, 13681-13685	13

1147	Selbstassemblierung und schrittweise Oxidation von Phenothiazin-basierten, interpenetrierten Koordinationskäfigen. <b>2013</b> , 125, 10288-10293		33
1146	Chemical Signals Turn On Guest Binding through Structural Reconfiguration of Triangular Helicates. <b>2013</b> , 125, 11483-11487		5
1145	Micelle-like Molecular Capsules with Anthracene Shells as Photoactive Hosts. <b>2013</b> , 125, 2364-2368		35
1144	Social isomers of picolines in a small space. <b>2013</b> , 19, 17092-6		7
1143	Solvent-Dependent Host-Guest Chemistry of an Fe <sub>8</sub> L <sub>12</sub> Cubic Capsule. <b>2013</b> , 125, 1998-2002		20
1142	Reaktivität eines Cobalt(III)-trisulfid-Komplexes: photofunktionelle Cobaltkomplexe durch mehrfache C-H-Funktionalisierung von p-Xylol mit Disulfiden. <b>2013</b> , 125, 3089-3093		3
1141	Formation of a Metal-Organic Framework with High Surface Area and Gas Uptake by Breaking Edges Off Truncated Cuboctahedral Cages. <b>2013</b> , 125, 11492-11495		6
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1138	On the nature of the transition state characterizing gated molecular encapsulations. <b>2014</b> , 19, 14292-303		1
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1136	Challenges to large molecular encapsulation. <b>2014</b> , 86, 3-11		7
1135	Self-Assembled Metal Nanocapsules: Synthesis, Structure and Host-Guest Recognition Toward Square Planar Metal Complexes. <b>2014</b> , 7, 287-301		27
1134	A Self-Assembled Electro-Active M <sub>8</sub> L <sub>4</sub> Cage Based on Tetrathiafulvalene Ligands. <b>2014</b> , 7, 611-622		26
1133	Inclusion of two different guest molecules within a rationally designed macrocyclic boronic ester in organic solvent. <b>2014</b> , 20, 15737-41		12
1132	Control of Silver(I) Dialkyl Chalcogenide Coordination by a Synthetic Cavity. <b>2014</b> , 126, 11694-11697		8
1131	Synthesis, structure, and properties of O <sub>6</sub> -Corona[3]arene[3]tetrazines. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13548-52	16.4	77
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1128	pH-Modulated Molecular Assemblies and Surface Properties of MetalOrganic Supercontainers at the AirWater Interface. <b>2014</b> , 126, 11145-11149	7
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1126	Probing a hidden world of molecular self-assembly: concentration-dependent, three-dimensional supramolecular interconversions. <b>2014</b> , 136, 18149-55	87
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1122	What molecular assembly can learn from catalytic chemistry. <b>2014</b> , 43, 399-411	65
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1115	Stepwise construction of discrete heterometallic coordination cages based on self-sorting strategy. <b>2014</b> , 136, 2982-5	109
1114	Cyclotricatechylene Based Supramolecular Assembly and Entrapment of Phenanthrene. <b>2014</b> , 84, 221-225	4
1113	Supramolecular assemblies of multi-nuclear transition metal complexes: Synthesis and redox properties. <b>2014</b> , 265, 38-51	31
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1108	Encapsulated cobalt-porphyrin as a catalyst for size-selective radical-type cyclopropanation reactions. <b>2014</b> , 20, 4880-4	79
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1051	A multi-state, allosterically-regulated molecular receptor with switchable selectivity. <b>2014</b> , 136, 10340-8	70
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1040	Emergent ion-gated binding of cationic host-guest complexes within cationic M12L24 molecular flasks. <b>2014</b> , 136, 12027-34	78

1039	Substitution reactions in metal-organic frameworks and metal-organic polyhedra. <b>2014</b> , 43, 5952-81	184
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1017	Supramolecular architectures with pyridine-amide based ligands: discrete molecular assemblies and their applications. <b>2014</b> , 43, 7668-82	59
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997	Cavity-Assembled Porous Solids (CAPSs) for Nanospace-Specific Functions. <b>2014</b> , 87, 643-654	32
996	Enantiomerenreine [M6L12]- oder [M12L24]-Polyeder aus flexiblen Bis(pyridin)-Liganden. <b>2014</b> , 126, 1719-1724	32
995	Four pH-Dependent 1D Coll/Nill Coordination Polymers Based on a Terphenyl-2,2',4,4'-Tetracarboxylic Acid: Syntheses, Structures, and Magnetic Properties. <b>2014</b> , 640, 2975-2980	3
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989	Tunable porosities and shapes of fullerene-like spheres. <b>2015</b> , 21, 6208-14	44
988	Cavity-promoted Diels-Alder Reactions of Unsubstituted Naphthalene: Fine Reactivity Tuning by Cavity Shrinkage. <b>2015</b> , 44, 1095-1097	13
987	Discrete Polymetallic Arrangements of AgI and CuI Ions Based on Multiple Bridging Phosphane Ligands and $\pi$ Interactions. <b>2015</b> , 2015, 2934-2938	9
986	Spontaneous Resolution of an Electron-Deficient Tetrahedral Fe4L4 cage. <b>2015</b> , 127, 15103-15106	6

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984	Loading of Vesicles into Soft Amphiphilic Nanotubes using Osmosis. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15122-7	16.4	14
983	EPR Studies of the Binding Properties, Guest Dynamics, and Inner-Space Dimensions of a Water-Soluble Resorcinarene Capsule. <b>2015</b> , 21, 16404-10		11
982	A Perylene Bisimide Cyclophane as a "Turn-On" and "Turn-Off" Fluorescence Probe. <b>2015</b> , 127, 10303-10306		38
981	Coordination-Driven Self-Assembly of Carbazole-Based Metallo dendrimers with Generation-Dependent Aggregation-Induced Emission Behavior. <b>2015</b> , 21, 12947-59		37
980	Rationally Designed Supramolecular Organic Hosts for Benzo[a]pyrene Binding and Detection. <b>2015</b> , 2015, 6194-6204		5
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977	Loading of Vesicles into Soft Amphiphilic Nanotubes using Osmosis. <b>2015</b> , 127, 15337-15342		4
976	Controllable Coordination Self-Assembly Based on Flexible Tripodal Ligands: From Finite Metallocages to Infinite Polycatenanes Step by Step. <b>2015</b> , 15, 711-27		16
975	Structurally Flexible C <sub>3</sub> -Symmetric Receptors for Molecular Recognition and Their Self-Assembly Properties. <b>2015</b> , 15, 1021-44		6
974	D <sub>3h</sub> -Symmetric Porphyrin-Based Rigid Macrocyclic Ligands for Multifacial Multinuclear Complexes in a One-Nanometer-Sized Cavity. <b>2015</b> , 21, 11745-56		5
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623	Rhenium(i) based irregular pentagonal-shaped metallocavitands. <b>2018</b> , 47, 4494-4500		8
622	Supramolecular Approaches To Control Activity and Selectivity in Hydroformylation Catalysis. <b>2018</b> , 8, 3469-3488		59
621	Review: Metal-organic framework based crystalline sponge method for structure analysis. <b>2018</b> , 102, 290-310		27
620	Enantioselective Formation of 2-Azetidinones by Ring-Assisted Cyclization of Interlocked N-( $\beta$ -Methyl)benzyl Fumaramides. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6563-6567	16.4	24
619	Enantioselective Formation of 2-Azetidinones by Ring-Assisted Cyclization of Interlocked N-( $\beta$ -Methyl)benzyl Fumaramides. <b>2018</b> , 130, 6673-6677		15
618	Self-Assembled Bright Luminescent Lanthanide-Organic Polyhedra for Ratiometric Temperature Sensing. <b>2018</b> , 24, 6936-6940		32
617	A Kinetically Stable Macrocyclic Self-Assembled in Water. <b>2018</b> , 20, 2356-2359		20
616	Rectangular and hammock shaped ester functionalized chalcogenolato-bridged rhenium(I) tetranuclear metallocyclophanes. <b>2018</b> , 866, 27-34		6
615	Preparation of a chiral Pt tetrahedral cage and its use in catalytic Michael addition reaction. <b>2018</b> , 54, 4814-4817		22
614	Squaric acid-directed transformation of metal-organic macrocycles. <b>2018</b> , 92, 69-73		0
613	Molecular Recognition with Resorcin[4]arene Cavitands: Switching, Halogen-Bonded Capsules, and Enantioselective Complexation. <b>2018</b> , 140, 2705-2717		78
612	High Activity and Efficient Turnover by a Simple, Self-Assembled "Artificial Diels-Alderase". <b>2018</b> , 140, 2862-2868		111
611	Flexibility of components alters the self-assembly pathway of PdL coordination cages. <b>2018</b> , 47, 3258-3263		18
610	Highly Stable Spherical Metallo-Capsule from a Branched Hexapodal Terpyridine and Its Self-Assembled Berry-type Nanostructure. <b>2018</b> , 140, 2555-2561		31
609	A Switchable Helical Capsule for Encapsulation and Release of Potassium Ion. <b>2018</b> , 83, 1898-1902		15
608	Defect-Free Mixed-Matrix Membranes with Hydrophilic Metal-Organic Polyhedra for Efficient Carbon Dioxide Separation. <b>2018</b> , 13, 631-635		28

607	Catalysis in a Cationic Coordination Cage Using a Cavity-Bound Guest and Surface-Bound Anions: Inhibition, Activation, and Autocatalysis. <b>2018</b> , 140, 2821-2828	74
606	From Coordination Chemistry to Adaptive Chemistry. <b>2018</b> , 71, 3-78	27
605	Corannulene-Based Coordination Cage with Helical Bias. <b>2018</b> , 83, 733-739	17
604	Stacking-interaction-induced host-guest chemistry and Borromean rings based on a polypyridyl ligand. <b>2018</b> , 54, 1559-1562	25
603	Collaborative routes to clarifying the murky waters of aqueous supramolecular chemistry. <b>2017</b> , 10, 8-16	103
602	A ML metal-organic nanocapsule with open windows using mixed macrocycles. <b>2018</b> , 54, 635-637	10
601	Pyrene-box capsules for adaptive encapsulation and structure determination of unstable or non-crystalline guest molecules. <b>2018</b> , 20, 261-270	4
600	Utilization of Donor-Acceptor Interactions for the Catalytic Acceleration of Nucleophilic Additions to Aromatic Carbonyl Compounds. <b>2018</b> , 130, 2152-2155	5
599	Porous Interdigitation Molecular Cage from Tetraphenylethylene Trimeric Macrocycles That Showed Highly Selective Adsorption of CO and TNT Vapor in Air. <b>2018</b> , 20, 321-324	14
598	Host-guest capability of a three-dimensional heterometallic macrocycle. <b>2018</b> , 47, 2240-2246	23
597	Coordination-Driven Self-Assembly of Heterotrimetallic Barrel and Bimetallic Cages Using a Cobalt Sandwich-Based Tetratopic Donor. <b>2018</b> , 57, 3521-3528	12
596	Utilization of Donor-Acceptor Interactions for the Catalytic Acceleration of Nucleophilic Additions to Aromatic Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2130-2133	16.4 12
595	An Allosterically Regulated, Four-State Macrocycle. <b>2018</b> , 57, 3568-3578	13
594	Reversible photoswitching of encapsulated azobenzenes in water. <b>2018</b> , 115, 9379-9384	74
593	Template-stereocontrolled [2 + 2] photoreactions directed by surface recognition on hydrophilic functionalized carbon materials. <b>2018</b> , 20, 2932-2939	4
592	Fabrication and Electrochemical Performance of Polyoxometalate-Based Three-Dimensional Metal Organic Frameworks Containing Carbene Nanocages. <b>2018</b> , 10, 16660-16665	33
591	fac-Re(CO) <sub>3</sub> -based organometallic supramolecular coordination complexes using thiophene motif decorated flexible ditopic benzimidazolyl donor. <b>2018</b> , 866, 243-250	1
590	Terpyridine-based metallosupramolecular constructs: tailored monomers to precise 2D-motifs and 3D-metallocages. <b>2018</b> , 47, 3991-4016	196

589	Progressive Cation Triggered Anion Binding by Electron-Rich Scaffold: Case Study of a Neutral Tripodal Naphthyl Thiourea Receptor. <b>2018</b> , 18, 3138-3150	10
588	Photochemistry and photophysics of MOFs: steps towards MOF-based sensing enhancements. <b>2018</b> , 47, 4710-4728	329
587	Chemical Transformations in Confined Space of Coordination Architectures. <b>2018</b> , 57, 4205-4221	87
586	Synthesis and Characterization of Ferrocene Based Hemicages. <b>2018</b> , 83, 4824-4830	5
585	Unresolved Issues that Remain in Molecular Self-Assembly. <b>2018</b> , 91, 957-978	40
584	Columnar Liquid-Crystalline Macrocycles Synthesized via Metal Ion-Assisted Self-Assembly. <b>2018</b> , 57, 3913-3919	7
583	A Dinuclear Au(I) Complex with a Pyrene-di-N-heterocyclic Carbene Linker: Supramolecular and Catalytic Studies. <b>2018</b> , 37, 3407-3411	24
582	Supramolecular iridium(III) assemblies. <b>2018</b> , 364, 86-117	33
581	Water-Soluble Redox-Active Cage Hosting Polyoxometalates for Selective Desulfurization Catalysis. <b>2018</b> , 140, 4869-4876	164
580	Binding of Hydrophobic Guests in a Coordination Cage Cavity is Driven by Liberation of "High-Energy" Water. <b>2018</b> , 24, 1554-1560	36
579	Highly regioselective photodimerization of 1,4-dihydropyridines: An efficient synthesis of novel 3,6-diazatetraasteranes. <b>2018</b> , 74, 529-534	8
578	Quantitative Analysis of Self-Assembly Process of a Pd L Cage Consisting of Rigid Ditopic Ligands. <b>2018</b> , 24, 663-671	29
577	A window frame-like square constructed by bridging Co4-(TC4A-SO2) SBUs with 1,3-bis(2H-terazol-5-yl)benzene. <b>2018</b> , 1151, 29-33	0
576	Coordination-Driven Self-Assembly of Ionic Irregular Hexagonal Metallamacrocycles via an Organometallic Clip and Their Cytotoxicity Potency. <b>2018</b> , 57, 3615-3625	21
575	Stepwise Construction of Heterobimetallic Cages by an Extended Molecular Library Approach. <b>2018</b> , 57, 3507-3515	43
574	Nanoparticles of metal-organic cages designed to encapsulate platinum-based anticancer agents. <b>2018</b> , 47, 670-674	18
573	Anionic Hosts for the Incorporation of Cationic Guests. <b>2018</b> , 24, 2503-2508	18
572	Electron-Deficient Pyridylimines: Versatile Building Blocks for Functional Metallosupramolecular Chemistry. <b>2018</b> , 57, 241-250	10

571	Synthesis and Dimerization Studies of a Lipophilic Photoresponsive Aryl-Extended Tetraurea-Calix[4]pyrrole. <b>2018</b> , 24, 2182-2191	7
570	Elucidating Anion-Dependent Formation and Conversion of Pd <sub>2</sub> L <sub>4</sub> and Pd <sub>3</sub> L <sub>6</sub> Metal-Organic Cages by Complementary Techniques. <b>2018</b> , 2018, 80-85	14
569	Self-Assembly of Tetrameric and Hexameric Terpyridine-Based Macrocycles Using Cd(II), Zn(II), and Fe(II). <b>2018</b> , 57, 3548-3558	16
568	Self-assembly of a Si-based cage by the formation of 24 equivalent covalent bonds. <b>2018</b> , 54, 11877-11880	7
567	Structures and properties of large supramolecular coordination complexes predicted with the generalized energy-based fragmentation method. <b>2018</b> , 20, 28894-28902	6
566	Selective Encapsulation and Separation of Dihalobenzene Isomers with Discrete Heterometallic Macrocages. <b>2018</b> , 24, 18913-18921	10
565	Visualizing Kinetically Robust CoL Assemblies in Vivo: SPECT Imaging of the Encapsulated [Tc]TcO Anion. <b>2018</b> , 140, 16877-16881	49
564	Molecular Mechanism and Solvation Effect of Supramolecular Catalysis in a Synthetic Cavitand Receptor with an Inwardly Directed Carboxylic Acid for Ring-Opening Cyclization of Epoxy Alcohols. <b>2018</b> , 8, 11910-11925	6
563	Molecular Engineering of Metal-Organic Cycles/Cages for Drug Delivery. <b>2018</b> , 26, 1074-1084	13
562	Biomedical Applications of Metallosupramolecular Assemblies-Structural Aspects of the Anticancer Activity. <b>2018</b> , 6, 620	21
561	Anticancer Activity and Cisplatin Binding Ability of -Quinoline and -Isoquinoline Derived [PdL] Metallosupramolecular Cages. <b>2018</b> , 6, 563	23
560	Cation-π Interactions in Organic Synthesis. <b>2018</b> , 118, 11353-11432	92
559	Coordination-driven self-assembly of discrete Ru-Pt prismatic cages. <b>2018</b> , 14, 2242-2249	5
558	Hydrogen-bonded six-component assembly for capsule formation based on tetra(4-pyridyl)cavitand and isophthalic acid linker and its application to photoresponsive capsule. <b>2018</b> , 16, 7626-7635	3
557	Mechanistic Insight into Fast and Highly Efficient Organocatalytic Activity of a Tripodal Dimeric Hexaurea Capsular Assembly in Michael Addition Reactions. <b>2018</b> , 3, 10647-10656	3
556	Molecular Recognition of Hydrophilic Molecules in Water by Combining the Hydrophobic Effect with Hydrogen Bonding. <b>2018</b> , 140, 13466-13477	85
555	Self-Assembly and C-H...Anion Hydrogen Bonding of Palladium(II)-based Metallacalixarenes Using Pyridyl- or Phenyl-Bridged Di-Naphthoimidazoles. <b>2018</b> , 13, 3173-3179	3
554	Cramming versus threading of long amphiphilic oligomers into a polyaromatic capsule. <b>2018</b> , 9, 4227	37

553	Covalent Cages with Inwardly Directed Reactive Centers as Confined Metal and Organocatalysts. <b>2018</b> , 2018, 5618-5628		14
552	Size-Selective Hydroformylation by a Rhodium Catalyst Confined in a Supramolecular Cage. <b>2019</b> , 25, 609-620		25
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550	Structure-switching ML Ir(iii) coordination cages with photo-isomerising azo-aromatic linkers. <b>2018</b> , 9, 8150-8159		37
549	Heterometallic Cluster-Capped Tetrahedral Assemblies with Postsynthetic Modification of the Metal Cores. <b>2018</b> , 130, 14350-14354		3
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543	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe4L6 Tetrahedron. <b>2018</b> , 130, 14317-14320		6
542	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe L Tetrahedron. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14121-14124	16.4	26
541	Catalysis inside the Hexameric Resorcinarene Capsule. <b>2018</b> , 51, 2107-2114		129
540	A Nona-nuclear Heterometallic Pd Pt "Donut"-Shaped Cage: Molecular Recognition and Photocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8659-8663	16.4	70
539	Bond Dissociation Energies of Metallo-supramolecular Building Blocks: Insight from Fragmentation of Selectively Self-Assembled Heterometallic Metallo-supramolecular Aggregates. <b>2018</b> , 57, 7346-7354		5
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536	Deconvoluting the Role of Charge in a Supramolecular Catalyst. <b>2018</b> , 140, 6591-6595		49

- 535 Supramolecular Catalysis as a Tool for Green Chemistry. **2018**, 139-168
- 534 Host-Guest and Photophysical Behavior of Ti L Cube with Encapsulated [Ti(H O ) ] Species. **2018**, 24, 14358-14362
- 533 Structure relationships between bis-monodentate ligands and coordination driven self-assemblies. **2018**, 374, 1-14 89
- 532 Biochemical Reduction of CO 2. **2018**, 255-306 1
- 531 Near-Infrared Phosphorescent Supramolecular Alkyl/Aryl-Iridium Porphyrin Assemblies by Axial Coordination. **2018**, 24, 14400-14408 8
- 530 Characterization and Singlet Oxygen Oxidation of 1-Alkyl Cyclohexenes Encapsulated Within a Water-Soluble Organic Capsule. **2018**, 2, 655-666 3
- 529 Hybrid Molecular Container Based on Glycoluril and Triptycene: Synthesis, Binding Properties, and Triggered Release. **2018**, 24, 14101-14110 9
- 528 Self-Assembly of Water-Soluble Platinum(II)-Based Metallacalixarenes and Tuning Their Conformational Interconversion via Synergistic Effects between Solvents and Anions. **2018**, 13, 2805-2811 7
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- 526 Self-Assembly of a [1 + 1] Ionic Hexagonal Macrocyclic and Its Antiproliferative Activity. **2018**, 6, 87 6
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- 519 Hierarchical Self-Assembly and Chiroptical Studies of Luminescent 4d-4f Cages. **2018**, 57, 7982-7992 28
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517	A Discrete Self-Assembled Pd Triangular Orthobicupola Cage and its Use for Intramolecular Cycloaddition. <b>2018</b> , 24, 13938-13946		21
516	Metallosupramolecular Complexes Based on Pyrogallol[4]arenes. <b>2018</b> , 247-276		5
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514	Self-Assembly of Functional Discrete Three-Dimensional Architectures in Water. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1280-1307	16.4	39
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511	Coordination-Driven Self-Assembly of Discrete Molecular Nanotubular Architectures. <b>2019</b> , 58, 11172-11179		9
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507	Catalytic reactions within the cavity of coordination cages. <b>2019</b> , 48, 4707-4730		172
506	C <sub>3</sub> -Symmetric Assemblies from Trigonal Polycarbene Ligands and M <sup>I</sup> Ions for the Synthesis of Three-Dimensional Polyimidazolium Cations. <b>2019</b> , 131, 13494-13498		15
505	Bent Anthracene Dimers as Versatile Building Blocks for Supramolecular Capsules. <b>2019</b> , 52, 2392-2404		100
504	C <sub>3</sub> -Symmetric Assemblies from Trigonal Polycarbene Ligands and M <sup>I</sup> Ions for the Synthesis of Three-Dimensional Polyimidazolium Cations. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13360-13364	16.4	39
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496	Evaluation of the Catalytic Capability of cis- and trans-Diquinoxaline Spanned Cavitands. <b>2019</b> , 2019, 6261-6268	6
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483	Molecular Transmission: Visible and Rate-Controllable Photoreactivity and Synergy of Aggregation-Induced Emission and HostGuest Assembly. <b>2019</b> , 31, 1092-1100	32
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481	Endo- and Exo-Functionalized Tetraphenylethylene ML Nanospheres: Fluorescence Emission inside a Confined Space. <b>2019</b> , 141, 9673-9679		72
480	Hydrogen Bonding Guests Direct the Packing of a Small Organic Cage Molecule. <b>2019</b> , 19, 4121-4126		3
479	Sesquiterpene Cyclizations inside the Hexameric Resorcinarene Capsule: Total Synthesis of $\beta$ -Selinene and Mechanistic Studies. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12688-12695	16.4	23
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477	Supramolecular Catalysis in Water. <b>2019</b> , 525-561		3
476	Flapping Molecules for Photofunctional Materials. <b>2019</b> , 17-51		7
475	Cucurbit[7]uril encapsulated dye-sensitized enhanced solar photocatalysis using positively charged sheet-like anatase TiO <sub>2</sub> mesocrystals. <b>2019</b> , 488, 911-920		9
474	Redox active [PdL] cages constructed from rotationally flexible 1,1'-disubstituted ferrocene ligands. <b>2019</b> , 55, 7506-7509		25
473	Palladium(II)-Based Self-Assembled Heteroleptic Coordination Architectures: A Growing Family. <b>2019</b> , 25, 12241-12269		48
472	Hierarchical Assembly toward Nanoparticles of a Chiral Palladium Supramolecular Complex Based on Bicyclo[3.3.1]nonane Framework. <b>2019</b> , 38, 2647-2653		3
471	Post-synthetic modification of covalent organic frameworks. <b>2019</b> , 48, 3903-3945		232
470	Demethylenation of Cyclopropanes via Photoinduced Guest-to-Host Electron Transfer in an M <sub>6</sub> L <sub>4</sub> Cage. <b>2019</b> , 131, 9269-9271		16
469	Demethylenation of Cyclopropanes via Photoinduced Guest-to-Host Electron Transfer in an M <sub>6</sub> L <sub>4</sub> Cage. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9171-9173	16.4	42
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466	Paclitaxel interaction with cucurbit [7]uril and acyclic Cucurbit[4]uril nanocontainers: A computational approach. <b>2019</b> , 90, 210-218		2
465	Self-Assembly of Anionic Polyoxometalate-Organic Architectures Based on Lacunary Phosphomolybdates and Pyridyl Ligands. <b>2019</b> , 141, 7687-7692		48
464	Polyaromatic nanocapsules as photoresponsive hosts in water. <b>2019</b> , 10, 1948		32

463	Synthetic applications of light, electricity, mechanical force and flow. <b>2019</b> , 3, 290-304	33
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457	Metal Organic Polyhedra: Special Issue in Honor of the 2019 Wolf Prize Laureate in Chemistry, Professor Makoto Fujita. <b>2019</b> , 59, 128-129	
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