

Supramolecular catalysis. Part 1: non-covalent interactions modifying homogeneous catalysts

Chemical Society Reviews

43, 1660-1733

DOI: [10.1039/c3cs60027k](https://doi.org/10.1039/c3cs60027k)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Metallacrown Ether Catalysts Containing Phosphine-Phosphite Polyether Ligands for Rh-Catalyzed Asymmetric Hydrogenation - Enhancements in Activity and Enantioselectivity. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6713-6719.	1.2	17
2	Hydrogen Bonding Behavior of Amide-Functionalized Δ -Diimine Palladium Complexes. <i>Organometallics</i> , 2014, 33, 7176-7192.	1.1	14
3	Designing Functional Metal-Organic Frameworks by Imparting a Hexanuclear Copper-Based Secondary Building Unit Specific Properties: Structural Correlation With Magnetic and Photocatalytic Activity. <i>Crystal Growth and Design</i> , 2014, 14, 6391-6398.	1.4	87
4	Supramolecular catalysis. Part 2: artificial enzyme mimics. <i>Chemical Society Reviews</i> , 2014, 43, 1734-1787.	18.7	775
5	Rotaxane Catalysts. <i>ACS Catalysis</i> , 2014, 4, 4490-4497.	5.5	164
6	Enantiotopos-Selective C-H Oxygenation Catalyzed by a Supramolecular Ruthenium Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 691-695.	7.2	98
7	Supramolecular Phosphatases Formed by the Self-Assembly of the Bis(Zn ²⁺ -Cyclen) Complex, Copper(II), and Barbitol Derivatives in Water. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2831-2841.	1.7	12
8	A First-Principles Examination of the Asymmetric Induction Model in the Binap/Rh ^I -Catalyzed 1,4-Addition of Phenylboronic Acid to Cyclic Enones by Density Functional Theory Calculations. <i>Chemistry - A European Journal</i> , 2014, 20, 12982-12987.	1.7	16
9	Metal-ligand bifunctional reactivity and catalysis of protic N-heterocyclic carbene and pyrazole complexes featuring Δ -NH units. <i>Chemical Communications</i> , 2014, 50, 14290-14300.	2.2	145
10	Highly Efficient and Magnetically Recoverable Niobium Nanocatalyst for the Multicomponent Biginelli Reaction. <i>ChemCatChem</i> , 2014, 6, 3455-3463.	1.8	86
11	Delicate modulated assembly of a new kind of trinuclear copper(^{II}) motif governed by N-containing agents. <i>CrystEngComm</i> , 2014, 16, 9792-9799.	1.3	9
12	Ring-opening of enantiomerically pure oxa-containing heterocycles with phosphorus nucleophiles. <i>RSC Advances</i> , 2014, 4, 58440-58447.	1.7	9
13	General acid and base bifunctional graphene oxide for cooperative catalysis. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10239-10243.	5.2	17
14	Recent breakthroughs in aqueous cyclodextrin-assisted supramolecular catalysis. <i>Catalysis Science and Technology</i> , 2014, 4, 1899.	2.1	100
15	Mechanistic Insights on Cooperative Asymmetric Multicatalysis Using Chiral Counterions. <i>Journal of Organic Chemistry</i> , 2014, 79, 7600-7606.	1.7	44
16	Backdoor Induction of Chirality: Asymmetric Hydrogenation with Rhodium(I) Complexes of Triphenylphosphane-Substituted Δ -Turn Mimetics. <i>Organometallics</i> , 2014, 33, 4005-4015.	1.1	21
17	Enantioselective Construction of 2,3-Dihydrofuro[2,3-b]quinolines through Supramolecular Hydrogen Bonding Interactions. <i>Chemistry - A European Journal</i> , 2014, 20, 13522-13526.	1.7	27
18	The structural landscape of heteroaryl-2-imidazoles: competing halogen- and hydrogen-bond interactions. <i>CrystEngComm</i> , 2014, 16, 7218.	1.3	66

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19	Very Large Cooperative Effects in Heterobimetallic Titanium-Chromium Catalysts for Ethylene Polymerization/Copolymerization. <i>Journal of the American Chemical Society</i> , 2014, 136, 10460-10469.	6.6	105
20	Pyridyl-Decorated Self-Folding Heptaamide Cavitands as Ligands in the Rhodium-Catalyzed Hydrogenation of Norbornadiene. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4276-4282.	1.2	5
21	Stimuli-responsive Cooperative Catalysts Based on Dynamic Conformational Changes toward Spatiotemporal Control of Chemical Reactions. <i>Chemistry Letters</i> , 2014, 43, 1524-1531.	0.7	31
23	Palladium-catalyzed enantioselective allylation in the presence of phosphoramidites derived from (S)-Tj-ETQq1. <i>Over</i> 0.4 0.784314 rgBT /Over 11		
24	Stimuli-responsive Cooperative Catalysts Based on Dynamic Conformational Changes toward Spatiotemporal Control of Chemical Reactions. <i>Chemistry Letters</i> , 2015, 44, 223-223.	0.7	0
25	Intramolecular symmetry-adapted perturbation theory with a single-determinant wavefunction. <i>Journal of Chemical Physics</i> , 2015, 143, 224107.	1.2	19
26	On the Transfer of Chirality, Thermodynamic Stability, and Folding Characteristics of Stereoisomeric Gated Baskets. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6832-6840.	1.2	5
27	Twisted Baskets. <i>Chemistry - A European Journal</i> , 2015, 21, 3550-3555.	1.7	9
28	Chiral Dawson-Type Hybrid Polyoxometalate Catalyzes Enantioselective Diels-Alder Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 16512-16516.	1.7	21
29	Computational Investigation of the 1,4-Rh Shift in the [(Ph) ₂ PCH ₂ CH ₂ PPh ₂]Rh-Catalyzed Alkyne Arylation Reaction. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7114-7121.	1.2	8
30	Aromatic Interactions in Organocatalyst Design: Augmenting Selectivity Reversal in Iminium Ion Activation. <i>Chemistry - A European Journal</i> , 2015, 21, 10031-10038.	1.7	24
31	Supramolecularly Regulated Ligands for Asymmetric Hydroformylations and Hydrogenations. <i>Chemistry - A European Journal</i> , 2015, 21, 11417-11426.	1.7	46
32	Synergistic Stereocontrol in the Enantioselective Ruthenium-Catalyzed Sulfoxidation of Spirodithiolane-Indolones. <i>Chemistry - A European Journal</i> , 2015, 21, 10310-10313.	1.7	12
34	Iron/Bronsted Acid Catalyzed Asymmetric Hydrogenation: Mechanism and Selectivity-Determining Interactions. <i>Chemistry - A European Journal</i> , 2015, 21, 10020-10030.	1.7	28
35	Unveiling the Importance of π - π Stacking in Borrowing-Hydrogen Processes Catalysed by Iridium Complexes with Pyrene Tags. <i>Chemistry - A European Journal</i> , 2015, 21, 15263-15271.	1.7	64
36	Synthesis of a π -Vinyltetrahydrocarbazole by Palladium-Catalyzed Asymmetric Allylic Alkylation of Indole-Containing Allylic Carbonates. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6669-6678.	1.2	16
37	Towards Supramolecular Catalysis with Small Self-Assembled Peptides. <i>Israel Journal of Chemistry</i> , 2015, 55, 711-723.	1.0	45
38	Crystal structure of a mononuclear Ru ^{II} complex with a back-to-back terpyridine ligand: [RuCl(bpy)(tpy)(tpy)] ⁺ . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1017-1021.	0.2	2

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39	Editorial (Thematic Issue: Supramolecular Catalysis: Non-Covalent Interactions in the Organic) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742</i>	0.3	0
40	Rhodium, iridium and nickel complexes with a 1,3,5-triphenylbenzene tris-MIC ligand. Study of the electronic properties and catalytic activities. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2584-2590.	1.3	19
41	The Challenge of Linear (<i><i>E</i></i>)-Enones in the Rh-Catalyzed, Asymmetric 1,4-Addition Reaction of Phenylboronic Acid: A DFT Computational Analysis. <i>Chemistry - A European Journal</i> , 2015, 21, 3079-3086.	1.7	17
42	Self-assembly of a library of polyborate chiral anions for asymmetric catalytic quinoline reduction. <i>Tetrahedron Letters</i> , 2015, 56, 3481-3485.	0.7	6
43	Enantiopure bisphosphine ligands with appended crown ether groups as regulation sites for Rh-mediated hydrogenations. <i>Tetrahedron</i> , 2015, 71, 4490-4494.	1.0	24
44	Cooperative Catalysis: Enantioselective Propargylic Alkylation of Propargylic Alcohols with Enecarbamates Using Ruthenium/Phosphoramidate Hybrid Catalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4060-4064.	7.2	51
46	Catalytic epoxidation by perrhenate through the formation of organic-phase supramolecular ion pairs. <i>Chemical Communications</i> , 2015, 51, 3399-3402.	2.2	20
47	Remote Control of Helical Chirality: Thermodynamic Resolution of a Racemic Mixture of CTV Units by Remote Stereogenic Centers. <i>Organic Letters</i> , 2015, 17, 500-503.	2.4	16
48	Supramolecular Catalysis in the Synthesis of Substituted 1 <i>H</i> -Tetrazoles from Isonitriles by a Self-Assembled Hexameric Capsule. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 217-220.	1.3	35
49	A fluorescent heteroditopic hemicyptophane cage for the selective recognition of choline phosphate. <i>Chemical Communications</i> , 2015, 51, 2679-2682.	2.2	33
50	Nickel-Catalyzed Asymmetric Transfer Hydrogenation of Hydrazones and Other Ketimines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5112-5116.	7.2	138
51	Double-Stereodifferentiation in Rhodium-Catalyzed [2 + 2 + 2] Cycloaddition: Chiral Ligand/Chiral Counterion Matched Pair. <i>Organic Letters</i> , 2015, 17, 3754-3757.	2.4	45
52	Functionalization of Sn/S Clusters with Hetero- and Polyaromatics. <i>Organometallics</i> , 2015, 34, 3264-3271.	1.1	22
53	Cavitands with inwardly and outwardly directed functional groups. <i>Tetrahedron Letters</i> , 2015, 56, 4824-4828.	0.7	5
54	Insight into the esterase like activity demonstrated by an imidazole appended self-assembling hydrogelator. <i>Chemical Communications</i> , 2015, 51, 13213-13216.	2.2	74
55	NOBIN-based chiral phosphite-type ligands and their application in asymmetric catalysis. <i>Tetrahedron Letters</i> , 2015, 56, 4756-4761.	0.7	13
56	Nitro-Assisted Brønsted Acid Catalysis: Application to a Challenging Catalytic Azidation. <i>Journal of the American Chemical Society</i> , 2015, 137, 9555-9558.	6.6	69
57	Cyclodextrin-based PNN supramolecular assemblies: a new class of pincer-type ligands for aqueous organometallic catalysis. <i>Dalton Transactions</i> , 2015, 44, 13504-13512.	1.6	11

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58	Variation in crystalline architectures through supramolecular interactions in copper(II) complexes with tridentate N ₂ O donor Schiff bases. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2520-2538.	0.8	8
59	Computational Study on the Mechanism of the Acceleration of 1,3-Dipolar Cycloaddition inside Cucurbit[6]uril. <i>ACS Catalysis</i> , 2015, 5, 2445-2451.	5.5	60
60	Substrate selective amide coupling driven by encapsulation of a coupling agent within a self-assembled hexameric capsule. <i>Chemical Communications</i> , 2015, 51, 1658-1661.	2.2	39
61	A Metal-Organic Tetrahedron as a Redox Vehicle to Encapsulate Organic Dyes for Photocatalytic Proton Reduction. <i>Journal of the American Chemical Society</i> , 2015, 137, 3967-3974.	6.6	193
62	Synthesis and Cavity Size Effect of Pd-Containing Macrocyclic Catalyst for Efficient Intramolecular Hydroamination of Allylurethane. <i>Organic Letters</i> , 2015, 17, 1664-1667.	2.4	18
63	Highly Enantioselective SPINOL-Derived Phosphoric Acid Catalyzed Transfer Hydrogenation of Diverse C=N-Containing Heterocycles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3344-3351.	1.2	46
64	Relative affinity of bambus[6]uril towards halide ions: A DFT/GIAO approach in the gas phase, and in the presence of the solvent employing discrete and discrete-continuum models. <i>Computational and Theoretical Chemistry</i> , 2015, 1064, 35-44.	1.1	6
65	Design of supramolecular chiral ligands for asymmetric metal catalysis. <i>Tetrahedron Letters</i> , 2015, 56, 2043-2048.	0.7	28
66	Chiral Gold Phosphate Catalyzed Tandem Hydroamination/Asymmetric Transfer Hydrogenation Enables Access to Chiral Tetrahydroquinolines. <i>Journal of Organic Chemistry</i> , 2015, 80, 4754-4759.	1.7	43
67	Self-Assembled Organometallic Nickel Complexes as Catalysts for Selective Dimerization of Ethylene into 1-Butene. <i>Organometallics</i> , 2015, 34, 1139-1142.	1.1	36
68	Structure-fluorescence relationship: interplay of non-covalent interactions in homologous 1,3,5-triaryl-2-pyrazolines. <i>New Journal of Chemistry</i> , 2015, 39, 4359-4367.	1.4	22
69	First ligand of phosphite nature based on 5,10,15,20-tetrakis(4-hydroxyphenyl)porphin. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 1202-1205.	0.3	2
70	Synthesis and structures of a chiral phosphine-phosphoric acid ligand and its rhodium(I) complexes. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1245-1250.	1.8	6
71	Dynamic assembly of a zinc-templated bifunctional organocatalyst in the presence of water for the asymmetric aldol reaction. <i>Chemical Communications</i> , 2015, 51, 17386-17389.	2.2	26
72	Intermolecular C-H activation with an Ir-METAMORPhos piano-stool complex - multiple reaction steps at a reactive ligand. <i>Chemical Communications</i> , 2015, 51, 15200-15203.	2.2	14
73	Urea-containing metal-organic frameworks as heterogeneous organocatalysts. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20408-20415.	5.2	54
74	Asymmetric Hydroformylation of Heterocyclic Olefins Mediated by Supramolecularly Regulated Rhodium-Bisphosphite Complexes. <i>Journal of Organic Chemistry</i> , 2015, 80, 10397-10403.	1.7	37
75	One-pot synthesis of tetrahydro-4H-chromenes by supramolecular catalysis in water. <i>RSC Advances</i> , 2015, 5, 79405-79412.	1.7	24

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76	Ring Closure To Form Metal Chelates in 3D Fragment-Based de Novo Design. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1844-1856.	2.5	18
77	New 2-methyl benzimidazole based zinc carboxylates: Supramolecular structures, biomimetic proton conductivities and luminescent properties. <i>Inorganica Chimica Acta</i> , 2015, 437, 167-176.	1.2	14
79	Mechanistic Insights on Cooperative Catalysis through Computational Quantum Chemical Methods. <i>ACS Catalysis</i> , 2015, 5, 480-503.	5.5	88
80	Supramolecular Encapsulation of Neutral Diazoacetate Esters and Catalyzed 1,3- β -Dipolar Cycloaddition Reaction by a Self-Assembled Hexameric Capsule. <i>ChemCatChem</i> , 2015, 7, 291-296.	1.8	34
81	Synthesis and physico-chemical properties of the first water soluble Cu($\text{Cu}(\text{SCPT})_2$)@hemicryptophane complex. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2157-2161.	1.5	11
82	Diastereoselective Nitroaldol Reaction Catalyzed by Binuclear Copper(II) Complexes in Aqueous Medium. <i>ChemPlusChem</i> , 2015, 80, 209-216.	1.3	12
83	Gated molecular baskets. <i>Chemical Society Reviews</i> , 2015, 44, 500-514.	18.7	80
84	Dehydrogenation of formic acid by Ir($\text{Ir}^{\text{bisMETAMORPhos}}$) complexes: experimental and computational insight into the role of a cooperative ligand. <i>Chemical Science</i> , 2015, 6, 1027-1034.	3.7	75
85	Radical polymerization by a supramolecular catalyst: cyclodextrin with a RAFT reagent. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2495-2502.	1.3	7
86	Tandem Catalysis of an Aldol-Click TM Reaction System within a Molecular Hydrogel. <i>Molecules</i> , 2016, 21, 744.	1.7	7
87	Die Kation- π -Wechselwirkung in der Katalyse mit niedermolekularen Verbindungen. <i>Angewandte Chemie</i> , 2016, 128, 12784-12814.	1.6	49
88	Gold Functionalized Platinum $\text{M}_{12}\text{L}_{24}$ Nanospheres and Their Application in Cyclization Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1509-1518.	2.1	36
89	Metal Recognition Driven by Weak Interactions: A Case Study in Solvent Extraction. <i>ChemPhysChem</i> , 2016, 17, 2112-2117.	1.0	35
90	The Cation- π Interaction in Small-Molecule Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12596-12624.	7.2	199
91	Short Self-Assembling Peptides Are Able to Bind to Copper and Activate Oxygen. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9017-9020.	7.2	106
92	Introverted Phosphorus-Au Cavitands for Catalytic Use. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 813-820.	1.2	28
93	Chiral Phosphate in Rhodium-Catalyzed Asymmetric [2+2+2] Cycloaddition: Ligand, Counterion, or Both?. <i>Chemistry - A European Journal</i> , 2016, 22, 8553-8558.	1.7	10
94	An Introverted Bis-Au Cavitand and Its Catalytic Dimerization of Terminal Alkynes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2514-2521.	1.2	32

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96	Short Self-Assembling Peptides Are Able to Bind to Copper and Activate Oxygen. <i>Angewandte Chemie</i> , 2016, 128, 9163-9166.	1.6	20
97	Chiral amido- and diamidophosphites with a peripheral pyridine ring in Pd-catalyzed asymmetric allylation. <i>Russian Chemical Bulletin</i> , 2016, 65, 2278-2285.	0.4	6
98	A supramolecularly tunable chiral diphosphine ligand: application to Rh and Ir-catalyzed enantioselective hydrogenation. <i>Chemical Science</i> , 2016, 7, 4594-4599.	3.7	28
99	Computational and ³¹ P NMR studies of moisture-metastable cyclic diaminophosphine oxide preligands. <i>Polyhedron</i> , 2016, 105, 123-136.	1.0	3
100	Cofactor-Controlled Chirality of Tropoisomeric Ligand. <i>Organometallics</i> , 2016, 35, 1956-1963.	1.1	26
101	Polyaromatic N-heterocyclic carbene ligands and π -stacking. Catalytic consequences. <i>Chemical Communications</i> , 2016, 52, 5777-5787.	2.2	72
102	π -Pnicogen bonds or π -chalcogen bonds exploiting the effect of substitution on the formation of π -Se noncovalent bonds. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13820-13829.	1.3	56
103	Deciphering Selectivity in Organic Reactions: A Multifaceted Problem. <i>Accounts of Chemical Research</i> , 2016, 49, 1070-1078.	7.6	31
104	Tandem reactions in self-sorted catalytic molecular hydrogels. <i>Chemical Science</i> , 2016, 7, 5568-5572.	3.7	81
105	Synthesis of Diphenyl Pyridazinone-based flexible system for conformational studies through weak noncovalent interactions: Application in DNA binding. <i>Journal of Chemical Sciences</i> , 2016, 128, 555-564.	0.7	8
106	Hydration of aromatic alkynes catalyzed by a self-assembled hexameric organic capsule. <i>Catalysis Science and Technology</i> , 2016, 6, 6031-6036.	2.1	34
107	Metal-organic redox vehicles to encapsulate organic dyes for photocatalytic protons and carbon dioxide reduction. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1256-1263.	3.0	9
108	Characterization of N \cdots O non-covalent interactions involving π -holes: π -electrostatics or π -dispersion. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29946-29954.	1.3	14
109	Redox-Active M ₈ L ₆ Cubic Hosts with Tetraphenylethylene Faces Encapsulate Organic Dyes for Light-Driven H ₂ Production. <i>Chemistry - A European Journal</i> , 2016, 22, 18107-18114.	1.7	47
110	Cooperative Iron-Oxygen-Copper Catalysis in the Reduction of Benzaldehyde under Water-Gas Shift Reaction Conditions. <i>ACS Catalysis</i> , 2016, 6, 7855-7864.	5.5	14
111	Hemi bonds and noncovalent interactions in the cational systems (XH ₂ P: SHY) ⁺ . <i>Chemical Physics Letters</i> , 2016, 659, 126-132.	1.2	2
112	Synthesis of Cr(III) Salen Complexes as Supramolecular Catalytic Systems for Ring-Opening Reactions of Epoxides. <i>ChemistrySelect</i> , 2016, 1, 1789-1794.	0.7	4
113	A concerted two-prong approach to the <i>in situ</i> allosteric regulation of bifunctional catalysis. <i>Chemical Science</i> , 2016, 7, 6674-6683.	3.7	15

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114	Two-Dimensional Supramolecular Polymers Embodying Large Unilamellar Vesicles in Water. <i>Journal of the American Chemical Society</i> , 2016, 138, 11312-11317.	6.6	18
115	Supramolecularly fine-regulated enantioselective catalysts. <i>Chemical Communications</i> , 2016, 52, 11038-11051.	2.2	38
116	Efficient epoxide isomerization within a self-assembled hexameric organic capsule. <i>RSC Advances</i> , 2016, 6, 83505-83509.	1.7	37
117	Correlating the Activity of Rhodium(I)-Phosphite-Lariat Ether Styrene Hydroformylation Catalysts with Alkali Metal Cation Binding through NMR Spectroscopic Titration Methods. <i>Organometallics</i> , 2016, 35, 2609-2620.	1.1	7
118	Mono and dimetallic pyrene-imidazolydene complexes of iridium(III) for the deuteration of organic substrates and the C-C coupling of alcohols. <i>Dalton Transactions</i> , 2016, 45, 14154-14159.	1.6	20
119	Helix-helix inversion of an optically-inactive π -conjugated foldamer triggered by concentration changes of a single enantiomeric guest leading to a change in the helical stability. <i>Chemical Communications</i> , 2016, 52, 11752-11755.	2.2	23
120	Supramolecular Complexes Formed by the Self-assembly of Hydrophobic Bis(Zn^{2+} -cyclen) Complexes, Copper, and Di- or Triimide Units for the Hydrolysis of Phosphate Mono- and Diesters in Two-Phase Solvent Systems (Cyclen=1,4,7,10-Tetraazacyclododecane). <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 451-464.	0.6	10
121	Supramolecular Activation of Hydrogen Peroxide in the Selective Sulfoxidation of Thioethers by a Self-Assembled Hexameric Capsule. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3443-3449.	2.1	33
122	Effect of Directional Hydrogen Bonding on the Self-Assembly of Anisotropically-Shaped Macroions. <i>ChemistrySelect</i> , 2016, 1, 4345-4349.	0.7	12
123	Catalysis Within the Self-Assembled Resorcin[4]arene Hexamer. , 2016, , 203-234.		17
124	Capturing Hydrophobic Trifluoriodomethane in Water into an M_4L_6 Cage. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4964-4967.	1.0	2
125	An alliance between chiral phosphite-type compounds and porphyrins in asymmetric palladium catalysis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1472-1474.	0.8	1
126	Riding the Wave of Monodentate Ligand Revival: From the A/B Concept to Noncovalent Interactions. <i>Chemical Record</i> , 2016, 16, 2544-2560.	2.9	3
127	A tri-aromatic amide hemicryptophane host: synthesis and acetylcholine binding. <i>Tetrahedron Letters</i> , 2016, 57, 5112-5115.	0.7	14
128	Tuning the structure of 1,3,5-benzene tricarboxamide self-assemblies through stereochemistry. <i>Chemical Communications</i> , 2016, 52, 13369-13372.	2.2	21
129	Large-Scale Synthesis of Enantiopure Molecular Cages: Chiroptical and Recognition Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 2068-2074.	1.7	23
130	Influence of Constitution and Charge on Radical Pairing Interactions in Tris-radical Tricationic Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 8288-8300.	6.6	29
131	Cobalt(II)-Salen-Linked Complementary Double-Stranded Helical Catalysts for Asymmetric Nitro-Aldol Reaction. <i>ACS Catalysis</i> , 2016, 6, 4685-4689.	5.5	38

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133	The intricacies of the stacking interaction in a pyrrole–pyrrole system. <i>Structural Chemistry</i> , 2016, 27, 1107-1120.	1.0	20
134	Synthesis of a novel chitosan-based Ce(IV) complex with proteolytic activity in vitro toward edible biological proteins. <i>Carbohydrate Polymers</i> , 2016, 140, 154-162.	5.1	1
135	The amino side chains do matter: chemoselectivity in the one-pot three-component synthesis of 2-amino-4H-chromenes by supramolecular catalysis with amino-appended β -cyclodextrins (ACDs) in water. <i>Catalysis Science and Technology</i> , 2016, 6, 4283-4293.	2.1	40
136	Three is company: dual intramolecular hydrogen-bond enabled carboxylic acid active in ring-opening polymerization. <i>Polymer Chemistry</i> , 2016, 7, 1111-1120.	1.9	19
137	An Energetic Guide for Estimating Trifluoromethyl Cation Donor Abilities of Electrophilic Trifluoromethylating Reagents: Computations of $X-CF_3$ Bond Heterolytic Dissociation Enthalpies. <i>Journal of Organic Chemistry</i> , 2016, 81, 3119-3126.	1.7	48
138	Palladium-Based Supramolecularly Regulated Catalysts for Asymmetric Allylic Substitutions. <i>Organometallics</i> , 2016, 35, 528-533.	1.1	22
139	Cooperativity in Noncovalent Interactions. <i>Chemical Reviews</i> , 2016, 116, 2775-2825.	23.0	680
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