Eric Monflier

List of Publications by Year
in descending order

295 papers	8,409 citations	50170 46 h-index	98622 67 g-index
326 all docs	326 docs citations	326 times ranked	6346 citing authors

#	Article	IF	Citations
1	Palladated chitosan-halloysite bead as an efficient catalyst for hydrogenation of lubricants. Materials Chemistry and Physics, 2022, 278, 125506.	2.0	14
2	Unnatural cyclodextrins can be accessed from enzyme-mediated dynamic combinatorial libraries. Chemical Communications, 2022, 58, 2287-2290.	2.2	4
3	Pd on ligand-decorated chitosan as an efficient catalyst for hydrofinishing polyalphaoleï¬ns: Experimental and computational studies. Journal of Physics and Chemistry of Solids, 2022, 164, 110611.	1.9	6
4	Interesterification of triglycerides with methyl acetate for biodiesel production using a cyclodextrin-derived SnO@Î³-Al2O3 composite as heterogeneous catalyst. Fuel, 2022, 321, 124026.	3.4	7
5	Effect of Functional Group on the Catalytic Activity of Lipase B from Candida antarctica Immobilized in a Silica-Reinforced Pluronic F127/Î±-Cyclodextrin Hydrogel. Gels, 2022, 8, 3.	2.1	3
6	Epimerization of isosorbide catalyzed by homogeneous ruthenium-phosphine complexes: A new step towards an industrial process. Inorganica Chimica Acta, 2021, 515, 120094.	1.2	2
7	Aqueous Biphasic Hydroaminomethylation Enabled by Methylated Cyclodextrins: Sensitivity Analysis for Transfer into a Continuous Process. ACS Sustainable Chemistry and Engineering, 2021, 9, 273-283.	3.2	7
8	Cyclodextrins: a new and effective class of co-modulators for aqueous zirconium-MOF syntheses. CrystEngComm, 2021, 23, 2764-2772.	1.3	11
9	Molecular modeling of cyclodextrin inclusion complexes. Chemical Modelling, 2021, , 72-99.	0.2	1
10	Asymmetric hydrogenation of ethyl pyruvate over aqueous dispersed Pt nanoparticles stabilized by a cinchonidine-functionalized Î²-cyclodextrin. Catalysis Communications, 2021, 150, 106272.	1.6	2
11	Robust Ruthenium Catalysts Supported on Mesoporous Cyclodextrin-Templated TiO2-SiO2 Mixed Oxides for the Hydrogenation of Levulinic Acid to Î³-Valerolactone. International Journal of Molecular Sciences, 2021, 22, 1721.	1.8	1
12	Cyclodextrin-assisted catalytic hydrogenation of hydrophobic substrates with halloysite immobilized ruthenium NPs dispersed in aqueous phase. Journal of the Indian Chemical Society, 2021, 98, 100034.	1.3	5
13	Oxidation of 2,5-diformfylfuran to 2,5-furandicarboxylic acid catalyzed by Candida antarctica Lipase B immobilized in a cyclodextrin-templated mesoporous silica. The critical role of pore characteristics on the catalytic performance. Colloids and Surfaces B: Biointerfaces, 2021, 200, 111606.	2.5	7
14	Hydrohydroxymethylation of Ethyl Ricinoleate and Castor Oil. ACS Sustainable Chemistry and Engineering, 2021, 9, 9444-9454.	3.2	18
15	Cyclodextrins as multitask agents for metal nano-heterogeneous catalysis: a review. Environmental Chemistry Letters, 2021, 19, 4327-4348.	8.3	14
16	First Steps to Rationalize Hostâ€"Guest Interaction between Î±-, Î²-, and Î³-Cyclodextrin and Divalent First-Row Transition and Post-transition Metals (Subgroups VIIB, VIIIB, and IIB). Inorganic Chemistry, 2021, 60, 930-943.	1.9	9
17	Ultrasound-assisted synthesis of NiO nanoparticles and their catalytic application for the synthesis of trisubstituted imidazoles under solvent free conditions. Catalysis Communications, 2021, 161, 106366.	1.6	7
18	Reductive Hydroformylation of Isosorbide Diallyl Ether. Molecules, 2021, 26, 7322.	1.7	11

#	Article	IF	Citations
19	Selective Rutheniumâ€Catalyzed Hydroaminomethylation of Unsaturated Oleochemicals. European Journal of Lipid Science and Technology, 2020, 122, 1900131.	1.0	4
20	Supported ruthenium nanoparticles on ordered mesoporous carbons using a cyclodextrin-assisted hard-template approach and their applications as hydrogenation catalysts. Journal of Catalysis, 2020, 383, 343-356.	3.1	19
21	Co3O4/C and Au supported Co3O4/C nanocomposites â€" Peculiarities of fabrication and application towards oxygen reduction reaction. Materials Chemistry and Physics, 2020, 241, 122332.	2.0	4
22	FrÃ©chet-type metallodendrons with N,P-iminophosphine Rh(I) complexes at the focal point: Synthesis and evaluation in the hydroformylation of 1-octene. Inorganica Chimica Acta, 2020, 502, 119341.	1.2	4
23	Anionic Amphiphilic Cyclodextrins Bearing Oleic Grafts for the Stabilization of Ruthenium Nanoparticles Efficient in Aqueous Catalytic Hydrogenation. ChemCatChem, 2020, 12, 1013-1018.	1.8	8
24	Palladium nanoparticles supported on nitrogen doped porous carbon material derived from cyclodextrin, glucose and melamine based polymer: promising catalysts for hydrogenation reactions. Pure and Applied Chemistry, 2020, 92, 827-837.	0.9	4
25	Rhodium-Catalyzed Aqueous Biphasic Olefin Hydroformylation Promoted by Amphiphilic Cyclodextrins. Catalysts, 2020, 10, 56.	1.6	18
26	Oneâ€Pot Twoâ€Step Synthesis of Hydroxymethylated Unsaturated VHOSO and Its Application to the Synthesis of Biobased Polyurethanes. European Journal of Lipid Science and Technology, 2020, 122, 2000158.	1.0	6
27	Fast Microwave Synthesis of Gold-Doped TiO2 Assisted by Modified Cyclodextrins for Photocatalytic Degradation of Dye and Hydrogen Production. Catalysts, 2020, 10, 801.	1.6	10
28	Particle size effect in the mechanically assisted synthesis of Î²-cyclodextrin mesitylene sulfonate. Beilstein Journal of Organic Chemistry, 2020, 16, 2598-2606.	1.3	7
29	Catalytic reduction of 4-nitrophenol with gold nanoparticles stabilized by large-ring cyclodextrins. New Journal of Chemistry, 2020, 44, 21007-21011.	1.4	17
30	Synthesis of novel catalytic composite nanofibers containing ruthenium nanoparticles stabilized by a citric acid-Î²-cyclodextrin polymer. Nanoscale Advances, 2020, 2, 2087-2098.	2.2	3
31	New Lipidyl-Cyclodextrins Obtained by Ring Opening of Methyl Oleate Epoxide Using Ball Milling. Biomolecules, 2020, 10, 339.	1.8	13
32	Multiscale Structure of Starches Grafted with Hydrophobic Groups: A New Analytical Strategy. Molecules, 2020, 25, 2827.	1.7	13
33	Continuous hydroformylation of 1-decene in an aqueous biphasic system enabled by methylated cyclodextrins. Green Chemistry, 2020, 22, 3809-3819.	4.6	18
34	Metal Nanoparticles and Cyclodextrins for Catalytic Applications. Environmental Chemistry for A Sustainable World, 2020, , 219-279.	0.3	0
35	Cyclodextrins Based Supramolecular Catalysis. Series on Chemistry, Energy and the Environment, 2020, , 81-115.	0.3	0
36	cRhâ€Catalyzed Hydroformylation of Divinylglycol: An Effective Way to Access 2,7â€Dioxadecalinâ€3,8â€diol. European Journal of Organic Chemistry, 2019, 2019, 4372-4376.	1.2	0

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37	Confinement of <i>Candida Antarctica</i> Lipase B in a Multifunctional Cyclodextrin-Derived Silicified Hydrogel and Its Application as Enzymatic Nanoreactor. ACS Applied Bio Materials, 2019, 2, 5568-5581.	2.3	8
38	Palladated cyclodextrin and halloysite containing polymer and its carbonized form as efficient hydrogenation catalysts. Applied Organometallic Chemistry, 2019, 33, e5213.	1.7	3
39	Highly Waterâ€Soluble Amphiphilic Cyclodextrins Bearing Branched and Cyclic Oleic Grafts. European Journal of Organic Chemistry, 2019, 2019, 4863-4868.	1.2	4
40	Hydrogenation of hydrophobic substrates catalyzed by gold nanoparticles embedded in Tetronic/cyclodextrin-based hydrogels. New Journal of Chemistry, 2019, 43, 9865-9872.	1.4	10
41	One pot synthesis of aminohydroxylated triglycerides under aqueous biphasic conditions. Catalysis Communications, 2019, 125, 37-42.	1.6	9
42	First Evidence of Cyclodextrin Inclusion Complexes in a Deep Eutectic Solvent. ACS Sustainable Chemistry and Engineering, 2019, 7, 6345-6351.	3.2	41
43	Eggplant-Derived Biochar-Halloysite Nanocomposite as Supports of Pd Nanoparticles for the Catalytic Hydrogenation of Nitroarenes in the Presence of Cyclodextrin. ACS Sustainable Chemistry and Engineering, 2019, 7, 6720-6731.	3.2	84
44	Synthesis of 2-Hydroxydodecyl Starch Ethers: Importance of the Purification Process. Industrial & Engineering Chemistry Research, 2019, 58, 2437-2444.	1.8	5
45	Oleic Acid Based Cyclodextrins for the Development of New Hydrosoluble Amphiphilic Compounds. European Journal of Organic Chemistry, 2019, 2019, 1236-1241.	1.2	6
46	CHAPTER 11. Natural Oil Polyols. RSC Green Chemistry, 2019, , 260-284.	0.0	0
47	New water-soluble Schiff base ligands based on Î²-cyclodextrin for aqueous biphasic hydroformylation reaction. Pure and Applied Chemistry, 2018, 90, 845-855.	0.9	7
48	Unconventional media and technologies for starch etherification and esterification. Green Chemistry, 2018, 20, 1152-1168.	4.6	75
49	Rhodium catalyzed selective hydroaminomethylation of biorenewable eugenol under aqueous biphasic condition. Molecular Catalysis, 2018, 452, 108-116.	1.0	10
50	Cyclodextrins and Nanostructured Porous Inorganic Materials. Environmental Chemistry for A Sustainable World, 2018, , 105-153.	0.3	1
51	Robust Mesoporous CoMo/Î³-Al₂O₃ Catalysts from Cyclodextrin-Based Supramolecular Assemblies for Hydrothermal Processing of Microalgae: Effect of the Preparation Method. ACS Applied Materials & Interfaces, 2018, 10, 12562-12579.	4.0	18
52	An ambient-temperature aqueous synthesis of zirconium-based metalâ€“organic frameworks. Green Chemistry, 2018, 20, 5292-5298.	4.6	54
53	Pillar5arenes as Supramolecular Hosts in Aqueous Biphasic Rhodiumâ€Catalyzed Hydroformylation of Long Alkylâ€chain Alkenes. ChemCatChem, 2018, 10, 5306-5313.	1.8	11
54	Cyclodextrin-assisted low-metal Ni-Pd/Al2O3 bimetallic catalysts for the direct amination of aliphatic alcohols. Journal of Catalysis, 2018, 368, 172-189.	3.1	23

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55	Cyclodextrin-based supramolecular assemblies: a versatile toolbox for the preparation of functional porous materials. Environmental Chemistry Letters, 2018, 16, 1393-1413.	8.3	15
56	Synthesis and hydroformylation evaluation of FrÃ©chet-type organometallic dendrons with <i>N</i>,<i>O</i>-salicylaldimine Rh(<scp>i</scp>) complexes at the focal point. Dalton Transactions, 2018, 47, 9418-9429.	1.6	14
57	Amines as effective ligands in iridium-catalyzed decarbonylative dehydration of biosourced substrates. Catalysis Science and Technology, 2018, 8, 3948-3953.	2.1	8
58	Pd nanoparticles immobilized on halloysite decorated with a cyclodextrin modified melamine-based polymer: a promising heterogeneous catalyst for hydrogenation of nitroarenes. New Journal of Chemistry, 2018, 42, 15733-15742.	1.4	48
59	Hydroaminomethylation of oleochemicals: A comprehensive overview. European Journal of Lipid Science and Technology, 2018, 120, 1700190.	1.0	13
60	Catalysis in Cyclodextrin-Based Unconventional Reaction Media: Recent Developments and Future Opportunities. ACS Sustainable Chemistry and Engineering, 2017, 5, 3598-3606.	3.2	46
61	Highly regio-selective hydroformylation of biomass derived eugenol using aqueous biphasic Rh/TPPTS/CDs as a greener and recyclable catalyst. Molecular Catalysis, 2017, 436, 157-163.	1.0	16
62	A hydroaminomethylation/hydrohydroxymethylation sequence for the one pot synthesis of aminohydroxytriglycerides. Green Chemistry, 2017, 19, 1940-1948.	4.6	13
63	Cyclodextrin-Directed Synthesis of Gold-Modified TiO₂ Materials and Evaluation of Their Photocatalytic Activity in the Removal of a Pesticide from Water: Effect of Porosity and Particle Size. ACS Sustainable Chemistry and Engineering, 2017, 5, 3623-3630.	3.2	43
64	Green and Scalable Palladiumâ€onâ€Carbonâ€Catalyzed Tsujiâ€"Trost Coupling Reaction Using an Efficient and Continuous Flow System. European Journal of Organic Chemistry, 2017, 2017, 1078-1085.	1.2	10
65	Enhance the rheological and mechanical properties of clayey materials by adding starches. Construction and Building Materials, 2017, 139, 602-610.	3.2	21
66	Nonconventional Three-Component Hierarchical Hostâ€"Guest Assembly Based on Mo-Blue Ring-Shaped Giant Anion, Î³-Cyclodextrin, and Dawson-type Polyoxometalate. Journal of the American Chemical Society, 2017, 139, 14376-14379.	6.6	81
67	Acid-tolerant cyclodextrin-based ruthenium nanoparticles for the hydrogenation of unsaturated compounds in water. Catalysis Science and Technology, 2017, 7, 5982-5992.	2.1	22
68	Deep eutectic solvents as green absorbents of volatile organic pollutants. Environmental Chemistry Letters, 2017, 15, 747-753.	8.3	66
69	Water-soluble phosphane-substituted cyclodextrin as an effective bifunctional additive in hydroformylation of higher olefins. Catalysis Science and Technology, 2017, 7, 3823-3830.	2.1	20
70	Hydroformylation of Alkenes in a Planetary Ball Mill: From Additiveâ€Controlled Reactivity to Supramolecular Control of Regioselectivity. Angewandte Chemie - International Edition, 2017, 56, 10564-10568.	7.2	25
71	Hydroformylation of Alkenes in a Planetary Ball Mill: From Additiveâ€Controlled Reactivity to Supramolecular Control of Regioselectivity. Angewandte Chemie, 2017, 129, 10700-10704.	1.6	11
72	Polyoxometalate, Cationic Cluster, and Î³-Cyclodextrin: From Primary Interactions to Supramolecular Hybrid Materials. Journal of the American Chemical Society, 2017, 139, 12793-12803.	6.6	137

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73	Facile preparation of Ni/Al2O3 catalytic formulations with the aid of cyclodextrin complexes: Towards highly active and robust catalysts for the direct amination of alcohols. Journal of Catalysis, 2017, 356, 111-124.	3.1	52
74	Tetronics/cyclodextrin-based hydrogels as catalyst-containing media for the hydroformylation of higher olefins. Catalysis Science and Technology, 2017, 7, 114-123.	2.1	21
75	Unconventional Approaches Involving Cyclodextrin-Based, Self-Assembly-Driven Processes for the Conversion of Organic Substrates in Aqueous Biphasic Catalysis. Catalysts, 2017, 7, 173.	1.6	37
76	Transition Metal Complexes Coordinated by Water Soluble Phosphane Ligands: How Cyclodextrins Can Alter the Coordination Sphere?. Molecules, 2017, 22, 140.	1.7	4
77	Superstructures with cyclodextrins: chemistry and applications III. Beilstein Journal of Organic Chemistry, 2016, 12, 937-938.	1.3	1
78	Cyclodextrins as Emerging Therapeutic Tools in the Treatment of Cholesterol-Associated Vascular and Neurodegenerative Diseases. Molecules, 2016, 21, 1748.	1.7	94
79	Î²-Cyclodextrins Decrease Cholesterol Release and ABC-Associated Transporter Expression in Smooth Muscle Cells and Aortic Endothelial Cells. Frontiers in Physiology, 2016, 7, 185.	1.3	28
80	Cyclodextrins as effective additives in AuNP-catalyzed reduction of nitrobenzene derivatives in a ball-mill. Green Chemistry, 2016, 18, 5500-5509.	4.6	58
81	Cleavage of Benzyl Phosphonium Salts as Efficient Bypass for the Synthesis of Disulfonated Alkyldiphenylphosphanes Bearing an Oleumâ€Sensitive Alkyl Group. European Journal of Organic Chemistry, 2016, 2016, 3322-3325.	1.2	2
82	Cyclodextrin-cobalt (II) molecule-ion pairs as precursors to active Co3O4/ZrO2 catalysts for the complete oxidation of formaldehyde: Influence of the cobalt source. Journal of Catalysis, 2016, 341, 191-204.	3.1	46
83	Hydroformylation of vegetable oils: More than 50 years of technical innovation, successful research, and development. European Journal of Lipid Science and Technology, 2016, 118, 26-35.	1.0	38
84	Greener Paalâ€“Knorr Pyrrole Synthesis by Mechanical Activation. European Journal of Organic Chemistry, 2016, 2016, 31-35.	1.2	41
85	Cyclodextrins as Porous Material for Catalysis. , 2016, , 15-42.		4
86	Ring opening polymerization of Îµ-caprolactone in the presence of wet Î²-cyclodextrin: effect of the operative pressure and of water molecules in the Î²-cyclodextrin cavity. RSC Advances, 2016, 6, 90290-90299.	1.7	17
87	Conjugated Dienyl Derivatives by Green Bisallylic Substitution: Synthetic and Mechanistic Insight. ChemCatChem, 2016, 8, 2321-2328.	1.8	6
88	Active hydrogenation Rh nanocatalysts protected by new self-assembled supramolecular complexes of cyclodextrins and surfactants in water. RSC Advances, 2016, 6, 108125-108131.	1.7	9
89	Rhodium-catalyzed one pot synthesis of hydroxymethylated triglycerides. Green Chemistry, 2016, 18, 6687-6694.	4.6	32
90	Mesoporous RuO₂/TiO₂ composites prepared by cyclodextrin-assisted colloidal self-assembly: towards efficient catalysts for the hydrogenation of methyl oleate. RSC Advances, 2016, 6, 14570-14579.	1.7	17

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91	A self-emulsifying catalytic system for the aqueous biphasic hydroformylation of triglycerides. Catalysis Science and Technology, 2016, 6, 3064-3073.	2.1	16
92	Photocatalysis of Volatile Organic Compounds in water: Towards a deeper understanding of the role of cyclodextrins in the photodegradation of toluene over titanium dioxide. Journal of Colloid and Interface Science, 2016, 461, 317-325.	5.0	29
93	Cyclodextrins as Multitask Agents in Nanocatalysis. , 2016, , 1151-1175.		0
94	Recent developments in cyclodextrinâ€mediated aqueous biphasic hydroformylation and tsujiâ€“trost reactions. Applied Organometallic Chemistry, 2015, 29, 580-587.	1.7	26
95	Biphasic Palladiumâ€Catalyzed Hydroesterification in a Polyol Phase: Selective Synthesis of Derived Monoesters. ChemSusChem, 2015, 8, 2133-2137.	3.6	17
96	Tetrasulfonated 1,2â€Bis(diphenylphosphanyl)ethane as a Building Block for the Synthesis of Disulfonated Alkyldiphenylphosphanes. European Journal of Organic Chemistry, 2015, 2015, 5509-5512.	1.2	2
97	Cyclodextrins Modified by Metal-Coordinating Groups for Aqueous Organometallic Catalysis: What Remains to be Done?. Current Organocatalysis, 2015, 3, 24-31.	0.3	14
98	Selective Secondary Face Modification of Cyclodextrins by Mechanosynthesis. Journal of Organic Chemistry, 2015, 80, 6259-6266.	1.7	39
99	Thermoresponsive self-assembled cyclodextrin-end-decorated PNIPAM for aqueous catalysis. Chemical Communications, 2015, 51, 2328-2330.	2.2	13
100	Rhodium catalyzed hydroformylation of 1-decene in low melting mixtures based on various cyclodextrins and N,Nâ€²-dimethylurea. Catalysis Communications, 2015, 63, 62-65.	1.6	37
101	Homogenous catalytic hydrogenation of bicarbonate with water soluble aryl phosphine ligands. Inorganica Chimica Acta, 2015, 431, 132-138.	1.2	6
102	Cyclodextrins as first and second sphere ligands for Rh(I) complexes of lower-rim PTA derivatives for use as catalysts in aqueous phase hydrogenation. Catalysis Communications, 2015, 63, 74-78.	1.6	9
103	Cyclodextrin-based PNN supramolecular assemblies: a new class of pincer-type ligands for aqueous organometallic catalysis. Dalton Transactions, 2015, 44, 13504-13512.	1.6	11
104	Palladium-catalyzed hydroesterification of olefins with isosorbide in standard and BrÃ¸nsted acidic ionic liquids. Catalysis Communications, 2015, 69, 143-146.	1.6	6
105	Supramolecular Emulsifiers in Biphasic Catalysis: The Substrate Drives Its Own Transformation. ACS Catalysis, 2015, 5, 4288-4292.	5.5	18
106	Ruthenium-containing Î²-cyclodextrin polymer globules for the catalytic hydrogenation of biomass-derived furanic compounds. Green Chemistry, 2015, 17, 2444-2454.	4.6	37
107	Catalytic Decarbonylation of Biosourced Substrates. ChemSusChem, 2015, 8, 1585-1592.	3.6	25
108	Rhodium catalyzed hydroformylation assisted by cyclodextrins in biphasic medium: Can sulfonated naphthylphosphanes lead to active, selective and recyclable catalytic species?. Catalysis Today, 2015, 247, 47-54.	2.2	15

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109	6. Biomass-derived molecules conversion to chemicals using heterogeneous and homogeneous catalysis. , 2015, , 141-164.		0
110	Evaluation of surface properties and pore structure of carbon on the activity of supported Ru catalysts in the aqueous-phase aerobic oxidation of HMF to FDCA. Applied Catalysis A: General, 2015, 506, 206-219.	2.2	65
111	Synthesis and characterization of a new photoinduced switchable Î²-cyclodextrin dimer. Beilstein Journal of Organic Chemistry, 2014, 10, 2874-2885.	1.3	20
112	Cyclodextrin-grafted polymers functionalized with phosphanes: a new tool for aqueous organometallic catalysis. Beilstein Journal of Organic Chemistry, 2014, 10, 2642-2648.	1.3	10
113	Organometallic synthesis of water-soluble ruthenium nanoparticles in the presence of sulfonated diphosphines and cyclodextrins. Materials Research Society Symposia Proceedings, 2014, 1675, 219-225.	0.1	2
114	Multifunctional cyclodextrin-based N,N-bidentate ligands for aqueous Heck arylation. Applied Catalysis A: General, 2014, 479, 1-8.	2.2	13
115	Limits of the Inversion Phenomenon in Triazolylâ€Substituted Î²â€Cyclodextrin Dimers. European Journal of Organic Chemistry, 2014, 2014, 1547-1556.	1.2	19
116	Access to Pyrrole Derivatives in Water with the Assistance of Methylated Cyclodextrins. European Journal of Organic Chemistry, 2014, 2014, 4356-4361.	1.2	13
117	Low melting mixtures based on Î²-cyclodextrin derivatives and N,Nâ€²-dimethylurea as solvents for sustainable catalytic processes. Green Chemistry, 2014, 16, 3876-3880.	4.6	50
118	Understanding the Role of Cyclodextrins in the Self-Assembly, Crystallinity, and Porosity of Titania Nanostructures. Langmuir, 2014, 30, 11812-11822.	1.6	22
119	Hydrogen Production by Selective Dehydrogenation of HCOOH Catalyzed by Ru-Biaryl Sulfonated Phosphines in Aqueous Solution. ACS Catalysis, 2014, 4, 3002-3012.	5.5	68
120	Temperature-dependent formation of Ru-based nanocomposites: structures and properties. RSC Advances, 2014, 4, 26847.	1.7	3
121	Block copolymerâ€“cyclodextrin supramolecular assemblies as soft templates for the synthesis of titania materials with controlled crystallinity, porosity and photocatalytic activity. RSC Advances, 2014, 4, 40061-40070.	1.7	16
122	A direct novel synthesis of highly uniform dispersed ruthenium nanoparticles over P6mm ordered mesoporous carbon by hostâ€“guest complexes. Journal of Materials Chemistry A, 2014, 2, 6641-6648.	5.2	12
123	Recent breakthroughs in aqueous cyclodextrin-assisted supramolecular catalysis. Catalysis Science and Technology, 2014, 4, 1899.	2.1	100
124	Evidence for the existence of crosslinked crystalline domains within cyclodextrin-based supramolecular hydrogels through solâ€“gel replication. RSC Advances, 2014, 4, 8200.	1.7	22
125	Aqueous Heck Arylation of Acrolein Derivatives: The Role of Cyclodextrin as Additive. Topics in Catalysis, 2014, 57, 1550-1557.	1.3	3
126	Investigating the effect of randomly methylated Î²-cyclodextrin/block copolymer molar ratio on the template-directed preparation of mesoporous alumina with tailored porosity. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 323-335.	0.9	9

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127	Synthesis of 1,4:3,6â€Dianhydrohexitols Diesters from the Palladiumâ€Catalyzed Hydroesterification Reaction. ChemSusChem, 2014, 7, 3157-3163.	3.6	15
128	Base directed palladium catalysed Heck arylation of acrolein diethyl acetal in water. Applied Catalysis A: General, 2014, 469, 250-258.	2.2	10
129	Cyclodextrin-based systems for the stabilization of metallic(0) nanoparticles and their versatile applications in catalysis. Catalysis Today, 2014, 235, 20-32.	2.2	83
130	Synergetic Effect of Randomly Methylated Î²-Cyclodextrin and a Supramolecular Hydrogel in Rh-Catalyzed Hydroformylation of Higher Olefins. ACS Catalysis, 2014, 4, 2342-2346.	5.5	32
131	Hydroformylation of vegetable oils and the potential use of hydroformylated fatty acids. Lipid Technology, 2013, 25, 175-178.	0.3	20
132	Î²-Cyclodextrins grafted with chiral amino acids: A promising supramolecular stabilizer of nanoparticles for asymmetric hydrogenation?. Applied Catalysis A: General, 2013, 467, 497-503.	2.2	15
133	Effects of Î²-cyclodextrin introduction to zirconia supported-cobalt oxide catalysts: From molecule-ion associations to complete oxidation of formaldehyde. Applied Catalysis B: Environmental, 2013, 138-139, 381-390.	10.8	82
134	Coassembly of Block Copolymer and Randomly Methylated Î²-Cyclodextrin: From Swollen Micelles to Mesoporous Alumina with Tunable Pore Size. Macromolecules, 2013, 46, 5672-5683.	2.2	26
135	Efficient Ruthenium Nanocatalysts in Liquidâ€"Liquid Biphasic Hydrogenation Catalysis: Towards a Supramolecular Control through a Sulfonated Diphosphineâ€"Cyclodextrin Smart Combination. ChemCatChem, 2013, 5, 3802-3811.	1.8	29
136	Hydroxypropyl-Î²-cyclodextrin as a versatile additive for the formation of metastable tetragonal zirconia exhibiting high thermal stability. CrystEngComm, 2013, 15, 2076-2083.	1.3	20
137	Thermoresponsive Hydrogels in Catalysis. ACS Catalysis, 2013, 3, 1006-1010.	5.5	87
138	Pickering Emulsions Based on Supramolecular Hydrogels: Application to Higher Olefinsâ€™ Hydroformylation. ACS Catalysis, 2013, 3, 1618-1621.	5.5	64
139	A cyclodextrin dimer as a supramolecular reaction platform for aqueous organometallic catalysis. Chemical Communications, 2013, 49, 6989.	2.2	28
140	Methylated Î²â€Cyclodextrinâ€Capped Ruthenium Nanoparticles: Synthesis Strategies, Characterization, and Application in Hydrogenation Reactions. ChemCatChem, 2013, 5, 1497-1503.	1.8	36
141	Hydroformylation in Aqueous Biphasic Media Assisted by Molecular Receptors. Topics in Current Chemistry, 2013, 342, 49-78.	4.0	8
142	The Role of Metals and Ligands in Organic Hydroformylation. Topics in Current Chemistry, 2013, 342, 1-47.	4.0	22
143	Rhodiumâ€Catalyzed Homogeneous and Aqueous Biphasic Hydroformylation of the Acrolein Acetal 2â€Vinylâ€5â€Methylâ€1,3â€Dioxane. ChemCatChem, 2013, 5, 1562-1569.	1.8	9
144	Diametrically Opposed Carbenes on an Î±â€Cyclodextrin: Synthesis, Characterization of Organometallic Complexes and Suzukiâ€"Miyaura Coupling in Ethanol and in Water. European Journal of Organic Chemistry, 2013, 2013, 3691-3699.	1.2	40

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145	About the Use of Rhodium Nanoparticles in Hydrogenation and Hydroformylation Reactions. Current Organic Chemistry, 2013, 17, 364-399.	0.9	47
146	Rhodium-Catalyzed Hydroformylation Promoted by Modified Cyclodextrins: Current Scope and Future Developments. , 2013, , 36-63.		2
147	Lower- and upper-rim-modified derivatives of 1,3,5-triaza-7-phosphaadamantane: Coordination chemistry and applications in catalytic reactions in water. Pure and Applied Chemistry, 2012, 85, 385-396.	0.9	23
148	Novel Strategy for the Bis-Butenolide Synthesis via Ring-Closing Metathesis. Synthesis, 2012, 44, 137-143.	1.2	6
149	Cyclodextrins for Remediation Technologies. Environmental Chemistry for A Sustainable World, 2012, , 47-81.	0.3	12
150	Aqueous biphasic hydrogenation of benzene catalyzed by ruthenium complex of trisulfonated tris(biphenyl)phosphine. Catalysis Science and Technology, 2012, 2, 2273.	2.1	4
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