

Propylene Carbonate as a Solvent for Asymmetric Hydro

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Vapour pressure and enthalpy of vaporization of cyclic alkylene carbonates. <i>Fluid Phase Equilibria</i> , 2008, 268, 1-6.	1.4	38
2	Lipase-catalysed kinetic resolution of secondary alcohols with improved enantioselectivity in propylene carbonate. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 2421-2424.	1.7	18
3	Organic Carbonates as Alternative Solvents for Palladium-Catalyzed Substitution Reactions. <i>ChemSusChem</i> , 2008, 1, 249-253.	3.6	101
4	Dimethyl Carbonate: An Eco-Friendly Solvent in Ruthenium-Catalyzed Olefin Metathesis Transformations. <i>ChemSusChem</i> , 2008, 1, 813-816.	3.6	91
5	Rh-Catalyzed Asymmetric Hydrogenation of Unsaturated Lactate Precursors in Propylene Carbonate. <i>ChemSusChem</i> , 2008, 1, 934-940.	3.6	26
6	Vapour pressure and enthalpy of vaporization of aliphatic dialkyl carbonates. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 1136-1140.	1.0	38
7	Fluoroalkyl substituted (Z)-dehydro β -amino ester as a building block for the fluorine-containing cyclopropyl β -amino esters and dihydrooxazole. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 510-514.	0.9	20
8	Rhodium-catalyzed asymmetric hydrogenation with self-assembling catalysts in propylene carbonate. <i>Tetrahedron Letters</i> , 2008, 49, 768-771.	0.7	44
9	A β -chiral bisdiamidophosphite ligand with a 1,4:3,6-dianhydro-d-mannite backbone and its application in asymmetric catalysis. <i>Tetrahedron Letters</i> , 2008, 49, 3120-3123.	0.7	30
10	Synthesis of cyclic carbonates from carbon dioxide and epoxides over betaine-based catalysts. <i>Journal of Molecular Catalysis A</i> , 2008, 284, 52-57.	4.8	172
11	Synthesis of Enantiomerically Pure 1,2,3,4-Tetrahydro- β -carbolines and <i>N</i> -Acyl- β -Caryl Ethylamines by Rhodium-Catalyzed Hydrogenation. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1104-1110.	1.7	21
12	Synthesis of cyclic carbonates from epoxides and CO ₂ catalyzed by potassium halide in the presence of β -cyclodextrin. <i>Green Chemistry</i> , 2008, 10, 1337.	4.6	179
13	Cobalt, rhodium and iridium. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2008, 104, 198.	0.8	1
14	Solubility of Hydrogen in the Cyclic Alkylene Ester 1,2-Butylene Carbonate. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 2844-2850.	1.0	9
15	Propylene Carbonate as a Green Solvent for Kinetic Resolution of Secondary Alcohols Catalyzed by <i>Candida antarctica</i> Lipase. , 2009, , .		1
16	Synthesis and Structural Determination of Two Types of Novel Cyclic Carbonates. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2009, 39, 445-448.	0.6	2
17	Organic carbonates as alternative solvents for asymmetric hydrogenation. <i>Chirality</i> , 2009, 21, 857-861.	1.3	17
18	Improved Palladium-Catalyzed Sonogashira Coupling Reactions of Aryl Chlorides. <i>Chemistry - A European Journal</i> , 2009, 15, 1329-1336.	1.7	116

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20	Carbonates: Ecofriendly Solvents for Palladium-Catalyzed Direct Arylation of Oxazole Derivatives. <i>ChemSusChem</i> , 2009, 2, 951-956.	3.6	42
22	Efficient Enantioselective Synthesis of Optically Active Diols by Asymmetric Hydrogenation with Modular Chiral Metal Catalysts. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7556-7559.	7.2	50
23	Catalytic, asymmetric cyanohydrin synthesis in propylene carbonate. <i>Tetrahedron Letters</i> , 2009, 50, 4452-4454.	0.7	53
24	Iridium Phosphite-Oxazoline Catalysts for the Highly Enantioselective Hydrogenation of Terminal Alkenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 12344-12353.	6.6	134
25	Diethyl carbonate as a solvent for ruthenium catalysed C-H bond functionalisation. <i>Green Chemistry</i> , 2009, 11, 1871.	4.6	131
26	The synthesis of organic carbonates from carbon dioxide. <i>Chemical Communications</i> , 2009, , 1312.	2.2	965
27	MOF-5/ <i>n</i> -Bu ₄ NBr: an efficient catalyst system for the synthesis of cyclic carbonates from epoxides and CO ₂ under mild conditions. <i>Green Chemistry</i> , 2009, 11, 1031.	4.6	427
28	Ethylene carbonate as a unique solvent for palladium-catalyzed Wacker oxidation using oxygen as the sole oxidant. <i>Green Chemistry</i> , 2009, 11, 1317.	4.6	61
29	Diastereoselective Hydrogenation of Substituted Quinolines to Enantiomerically Pure Decahydroquinolines. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 357-362.	2.1	61
30	Polystyrene-Supported Amino Acids as Efficient Catalyst for Chemical Fixation of Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1925-1933.	2.1	128
31	(<i>S</i>)-6-Bromo-BINOL-based phosphoramidite ligand with C ₁ symmetry for enantioselective hydrogenation and allylic substitution. <i>Chirality</i> , 2010, 22, 844-848.	1.3	17
32	Highly Modular P π -N π OP Ligands for Asymmetric Hydrogenation: Synthesis, Catalytic Activity, and Mechanism. <i>Chemistry - A European Journal</i> , 2010, 16, 6495-6508.	1.7	67
33	Cyclic Carbonate Synthesis Catalysed by Bimetallic Aluminium-Salen Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 6828-6843.	1.7	352
34	Asymmetric Hydrogenation of Minimally Functionalised Terminal Olefins: An Alternative Sustainable and Direct Strategy for Preparing Enantioenriched Hydrocarbons. <i>Chemistry - A European Journal</i> , 2010, 16, 14232-14240.	1.7	93
35	BINAP: rhodium-di olefin complexes in asymmetric hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1226-1231.	1.8	29
36	Cyclic carbonates as sustainable solvents for proline-catalysed aldol reactions. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1262-1271.	1.8	61
37	Organic Carbonates as Solvents in Synthesis and Catalysis. <i>Chemical Reviews</i> , 2010, 110, 4554-4581.	23.0	1,041

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38	Kinetics and mechanism of vanadium catalysed asymmetric cyanohydrin synthesis in propylene carbonate. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 1043-1055.	1.3	33
39	Carbonates: eco-friendly solvents for palladium-catalysed direct arylation of heteroaromatics. <i>Green Chemistry</i> , 2010, 12, 2053.	4.6	109
40	<i>P</i> -Heterocycles as Ligands in Homogeneous Catalytic Reactions. <i>Chemical Reviews</i> , 2010, 110, 4257-4302.	23.0	258
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46	Ionic liquids containing carboxyl acid moieties grafted onto silica: Synthesis and application as heterogeneous catalysts for cycloaddition reactions of epoxide and carbon dioxide. <i>Green Chemistry</i> , 2011, 13, 1023.	4.6	242
47	Phosphine~Phosphinite and Phosphine~Phosphite Ligands: Preparation and Applications in Asymmetric Catalysis. <i>Chemical Reviews</i> , 2011, 111, 2119-2176.	23.0	358
48	One-component bimetallic aluminium(salen)-based catalysts for cyclic carbonate synthesis and their immobilization. <i>Dalton Transactions</i> , 2011, 40, 3885-3902.	1.6	146
49	Greener solvents for ruthenium and palladium-catalysed aromatic C-H bond functionalisation. <i>Green Chemistry</i> , 2011, 13, 741.	4.6	167
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79	Phosphorus-based Bifunctional Organocatalysts for the Addition of Carbon Dioxide and Epoxides. <i>ChemSusChem</i> , 2014, 7, 3268-3271.	3.6	116
81	Synthesis and characterization of bis[2-(1H-benzimidazol-2-yl)benzoato]nickel(II), and its use for preparation of dimethyl carbonate from methanol and CO ₂ . <i>Research on Chemical Intermediates</i> , 2014, 40, 1179-1186.	1.3	3
82	Synthesis of Cu, Zn and Cu/Zn brass alloy nanoparticles from metal amidinate precursors in ionic liquids or propylene carbonate with relevance to methanol synthesis. <i>Nanoscale</i> , 2014, 6, 3116.	2.8	82
84	Urea-derived graphitic carbon nitride as an efficient heterogeneous catalyst for CO ₂ conversion into cyclic carbonates. <i>Catalysis Science and Technology</i> , 2014, 4, 1556.	2.1	222
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97	Eco-Friendly Solvents for Palladium-Catalyzed Desulfitative C-H Bond Arylation of Heteroarenes. <i>ChemSusChem</i> , 2015, 8, 1794-1804.	3.6	49
98	Highly Efficient Polymer-Supported Catalytic System for the Valorization of Carbon Dioxide. <i>ChemSusChem</i> , 2015, 8, 3815-3822.	3.6	46
99	Facile, Efficient Diastereoselective Synthesis of Tetrahydroquinoline Scaffolds Using Propylene Carbonate as an Eco-Friendly Solvent. <i>Current Organic Synthesis</i> , 2015, 12, 102-107.	0.7	11
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103	Propene carbonate intensified cyclohexane oxidation over Au/SiO ₂ catalyst. <i>Catalysis Communications</i> , 2015, 64, 58-61.	1.6	10
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109	Metalloporphyrin-based organic polymers for carbon dioxide fixation to cyclic carbonate. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9807-9816.	5.2	110
110	CO ₂ Chemistry in SCUT Group: New Methods for Conversion of Carbon Dioxide into Organic Compounds. <i>ACS Symposium Series</i> , 2015, , 71-108.	0.5	1
111	Metal-Organic Polymers Containing Discrete Single-Walled Nanotube as a Heterogeneous Catalyst for the Cycloaddition of Carbon Dioxide to Epoxides. <i>Journal of the American Chemical Society</i> , 2015, 137, 15066-15069.	6.6	273
112	Bifunctional One-Component Catalysts for the Addition of Carbon Dioxide to Epoxides. <i>ChemCatChem</i> , 2015, 7, 459-467.	1.8	105
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120	Asymmetric Hydrogenation of Nonaromatic Cyclic Substrates. <i>Chemical Reviews</i> , 2016, 116, 14769-14827.	23.0	284
121	Iron-Catalyzed Synthesis of Five-Membered Cyclic Carbonates from Vicinal Diols: Urea as Sustainable Carbonylation Agent. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3721-3727.	1.2	33
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126	Propylene oxide as a dehydrating agent: potassium carbonate-catalyzed carboxylative cyclization of propylene glycol with CO ₂ in a polyethylene glycol/CO ₂ biphasic system. <i>RSC Advances</i> , 2016, 6, 32400-32404.	1.7	12
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137	g-C ₃ N ₄ and tetrabutylammonium bromide catalyzed efficient conversion of epoxide to cyclic carbonate under ambient conditions. <i>New Journal of Chemistry</i> , 2017, 41, 14839-14842.	1.4	39
138	Development of pyridine based o-aminophenolate zinc complexes as structurally tunable catalysts for CO ₂ fixation into cyclic carbonates. <i>New Journal of Chemistry</i> , 2017, 41, 10121-10131.	1.4	19
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