

Effect of hydrogen bond of hydroxyl-functionalized am cycloaddition of CO₂

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Rationalizing the role of the anion in CO ₂ capture and conversion using imidazolium-based ionic liquid modified mesoporous silica. RSC Advances, 2015, 5, 64220-64227.	1.7	53
2	Functionalized Ionic (Poly)Styrenes and their Application as Catalysts in the Cycloaddition of CO ₂ to Epoxides. Helvetica Chimica Acta, 2016, 99, 821-829.	1.0	12
3	A hydroxyl-functionalized microporous organic polymer for capture and catalytic conversion of CO ₂ . RSC Advances, 2016, 6, 76957-76963.	1.7	17
4	Quaternary ammonium-based ionic liquids bearing different numbers of hydroxyl groups as highly efficient catalysts for the fixation of CO ₂ : a theoretical study by QM and MD. Catalysis Science and Technology, 2016, 6, 7773-7782.	2.1	42
5	Catalytic Synthesis of Propylene Carbonate from CO ₂ and Propylene Oxide on Fixed Bed. Catalysis Letters, 2016, 146, 2098-2104.	1.4	4
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7	Reusable and efficient polymer nanoparticles grafted with hydroxyl-functionalized phosphonium-based ionic liquid catalyst for cycloaddition of CO ₂ with epoxides. Applied Catalysis A: General, 2016, 514, 43-50.	2.2	51
8	Synthesis of carbonates and related compounds incorporating CO ₂ using ionic liquid-type catalysts: State-of-the-art and beyond. Journal of Catalysis, 2016, 343, 52-61.	3.1	183
9	Cycloaddition of CO ₂ and epoxide catalyzed by amino- and hydroxyl-rich graphitic carbon nitride. Catalysis Science and Technology, 2016, 6, 2942-2948.	2.1	80
10	Novel isothiuronium ionic liquid as efficient catalysts for the synthesis of cyclic carbonates from CO ₂ and epoxides. Journal of CO ₂ Utilization, 2017, 17, 256-262.	3.3	56
11	Multiscale Studies on Ionic Liquids. Chemical Reviews, 2017, 117, 6636-6695.	23.0	584
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13	Triethylamine Hydroiodide as a Simple Yet Effective Bifunctional Catalyst for CO ₂ Fixation Reactions with Epoxides under Mild Conditions. ACS Sustainable Chemistry and Engineering, 2017, 5, 7295-7301.	3.2	89
14	Multifunctional alkanolamine as a catalyst for CO ₂ and propylene oxide cycloaddition. Molecular Catalysis, 2017, 438, 121-129.	1.0	23
15	Controllable preparation of phosphonium-based polymeric ionic liquids as highly selective nanocatalysts for the chemical conversion of CO ₂ with epoxides. Green Chemistry, 2017, 19, 2184-2193.	4.6	40
16	Solvent effect on the fixation of CO ₂ catalyzed by quaternary ammonium-based ionic liquids bearing different numbers of hydroxyl groups: A combined molecular dynamics simulation and ONIOM study. Molecular Catalysis, 2017, 441, 134-139.	1.0	15
17	CO ₂ conversion to propylene carbonate catalyzed by ionic liquid containing organosilane groups supported on titanate nanotubes/nanowires. Applied Catalysis A: General, 2017, 544, 46-54.	2.2	30
18	Synthesis of Cross-linked Ionic Poly(styrenes) and their Application as Catalysts for the Synthesis of Carbonates from CO ₂ and Epoxides. ChemPlusChem, 2017, 82, 144-151.	1.3	18

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19	Study of Superbase-Based Deep Eutectic Solvents as the Catalyst in the Chemical Fixation of CO ₂ into Cyclic Carbonates under Mild Conditions. <i>Materials</i> , 2017, 10, 759.	1.3	24
20	Polyvinyl alcohol-potassium iodide: An efficient binary catalyst for cycloaddition of epoxides with CO ₂ . <i>Molecular Catalysis</i> , 2018, 449, 25-30.	1.0	16
21	Hydroxyl group as IR probe to detect the structure of ionic liquid-acetonitrile mixtures. <i>Journal of Molecular Structure</i> , 2018, 1161, 424-432.	1.8	16
22	Intricacies of Cation-Anion Combinations in Imidazolium Salt-Catalyzed Cycloaddition of CO ₂ into Epoxides. <i>ACS Catalysis</i> , 2018, 8, 2589-2594.	5.5	129
23	Protic pyrazolium ionic liquids for efficient chemical fixation of CO ₂ : design, synthesis, and catalysis. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 348-356.	1.7	16
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27	An Electrostatically Enhanced Phenol as a Simple and Efficient Bifunctional Organocatalyst for Carbon Dioxide Fixation. <i>ChemSusChem</i> , 2018, 11, 4262-4268.	3.6	27
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36	Triethanolamine-modified mesoporous SBA-15: Facile one-pot synthesis and its catalytic application for cycloaddition of CO ₂ with epoxides under mild conditions. <i>Microporous and Mesoporous Materials</i> , 2019, 274, 363-372.	2.2	46

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38	3-Bromo-1,1,1-trifluoro-2-propanol assisted chemical fixation of CO ₂ and epoxides. <i>Tetrahedron Letters</i> , 2020, 61, 151593.	0.7	6
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44	An Aminopyridinium Ionic Liquid: A Simple and Effective Bifunctional Organocatalyst for Carbonate Synthesis from Carbon Dioxide and Epoxides. <i>ChemPlusChem</i> , 2020, 85, 1587-1595.	1.3	13
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58	Conversion of CO ₂ with epoxides to cyclic carbonates catalyzed by amino acid ionic liquids at room temperature. <i>Journal of CO₂ Utilization</i> , 2022, 56, 101840.	3.3	28
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67	One-step DMC synthesis from CO ₂ under catalysis of ionic liquids prepared with 1,2-propylene glycol. <i>Catalysis Today</i> , 2023, 418, 114052.	2.2	1
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