

Qian

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

880
citations

623734

14
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(ionic liquid) materials tailored by carboxyl groups for the gas phase-conversion of epoxide and CO ₂ into cyclic carbonates. <i>Journal of CO₂ Utilization</i> , 2022, 60, 101976.	6.8	20
2	Reaction Behaviors and Mechanism of Isobutane/Propene Alkylation Catalyzed by Composite Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 8624-8633.	3.7	7
3	Hydrogen bond donor functionalized poly(ionic liquid)s for efficient synergistic conversion of CO ₂ to cyclic carbonates. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 2005-2014.	2.8	37
4	Sterically controlling 2-carboxylated imidazolium salts for one-step efficient hydration of epoxides into 1,2-diols. <i>Green Chemistry</i> , 2021, 23, 2992-3000.	9.0	5
5	Regulation of Novel Multi-center Ionic Liquids for Synergetically Catalyzing CO ₂ Conversion into Cyclic Carbonates. <i>ChemistrySelect</i> , 2021, 6, 6380-6387.	1.5	8
6	Effects of imidazolium-based ionic liquids on the isobaric vapor-liquid equilibria of methanol+dimethyl carbonate azeotropic systems. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 766-776.	3.5	16
7	Highly synergistic effect of ionic liquids and Zn-based catalysts for synthesis of cyclic carbonates from urea and diols. <i>Journal of Molecular Liquids</i> , 2020, 316, 113883.	4.9	16
8	Theoretical Insights into the Effect of Cations, Anions, and Water on Fixation of CO ₂ Catalyzed by Different Ionic Liquids. <i>ChemSusChem</i> , 2020, 13, 6391-6400.	6.8	13
9	Synthesis of bioderived polycarbonates with adjustable molecular weights catalyzed by phenolic-derived ionic liquids. <i>Green Chemistry</i> , 2020, 22, 2488-2497.	9.0	27
10	Efficient synthesis of bio-derived polycarbonates from dimethyl carbonate and isosorbide: regulating <i>exo</i> -OH and <i>endo</i> -OH reactivity by ionic liquids. <i>Green Chemistry</i> , 2020, 22, 5357-5368.	9.0	26
11	Ionic liquids with multiple active sites supported by SBA-15 for catalyzing conversion of CO ₂ into cyclic carbonates. <i>Journal of CO₂ Utilization</i> , 2020, 39, 101162.	6.8	60
12	Polymeric Ionic Liquid Grafted on Silica for Efficient Conversion of CO ₂ into Cyclic Carbonates. <i>Catalysis Letters</i> , 2019, 149, 2647-2655.	2.6	7
13	Polymeric ionic liquids tailored by different chain groups for the efficient conversion of CO ₂ into cyclic carbonates. <i>Green Chemistry</i> , 2019, 21, 2352-2361.	9.0	52
14	Transesterification of Isosorbide with Dimethyl Carbonate Catalyzed by Task-specific Ionic Liquids. <i>ChemSusChem</i> , 2019, 12, 1169-1178.	6.8	41
15	Synthesis of Cyclic Carbonate Catalyzed by DBU Derived Basic Ionic Liquids. <i>Chinese Journal of Chemistry</i> , 2018, 36, 293-298.	4.9	31
16	Tailoring Molecular Weight of Bioderived Polycarbonates via Bifunctional Ionic Liquids Catalysts under Metal-Free Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2684-2693.	6.7	51
17	Ionic liquids tailored and confined by one-step assembly with mesoporous silica for boosting the catalytic conversion of CO ₂ into cyclic carbonates. <i>Green Chemistry</i> , 2018, 20, 3232-3241.	9.0	80
18	Boron-doped melamine-derived carbon nitrides tailored by ionic liquids for catalytic conversion of CO ₂ into cyclic carbonates. <i>Green Chemistry</i> , 2017, 19, 2957-2965.	9.0	77

#	ARTICLE	IF	CITATIONS
19	Structures, formation mechanisms, and ion-exchange properties of I^{\pm} , I^2 , and $\text{I}^3\text{-Na}_2\text{TiO}_3$. RSC Advances, 2016, 6, 112625-112633.	3.6	21
20	Urea-derived graphitic carbon nitride as an efficient heterogeneous catalyst for CO ₂ conversion into cyclic carbonates. Catalysis Science and Technology, 2014, 4, 1556.	4.1	222
21	Ionic Liquids: The Synergistic Catalytic Effect in the Synthesis of Cyclic Carbonates. Catalysts, 2013, 3, 878-901.	3.5	63