

Lichun Li

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Variations of Metal Oxide-Based Electrocatalysts for Oxygen Evolution Reaction. <i>Small Methods</i> , 2021, 5, e2100834.	8.6	42
2	CO ₂ absorption by piperazine promoted aqueous ammonia solution: absorption kinetics and ammonia loss. , 2013, 3, 231-245.		28
3	Open-Structured Oxyfluorinated Titanium Phosphate Nanosheets Synthesized with the Assistance of an Ionic Liquid and Their Use as an Anode in Lithium-Ion Batteries. <i>Energy & Fuels</i> , 2021, 35, 15213-15222.	5.1	26
4	The effect of piperazine (PZ) on CO ₂ absorption kinetics into aqueous ammonia solutions at 25.0°C. <i>International Journal of Greenhouse Gas Control</i> , 2015, 36, 135-143.	4.6	21
5	Investigation of metal ion additives on the suppression of ammonia loss and CO ₂ absorption kinetics of aqueous ammonia-based CO ₂ capture. <i>International Journal of Greenhouse Gas Control</i> , 2017, 56, 165-172.	4.6	21
6	Heterogeneous catalysts for the hydrogenation of amine/alkali hydroxide solvent captured CO ₂ to formate: A review. , 2021, 11, 807-823.		14
7	Desulfurization Performance and Kinetics of Potassium Hydroxide-Impregnated Char Sorbents for SO ₂ Removal from Simulated Flue Gas. <i>ACS Omega</i> , 2020, 5, 19194-19201.	3.5	9
8	Kinetic and Equilibrium Reactions of a New Heterocyclic Aqueous 4-Aminomethyltetrahydropyran (4-AMTHP) Absorbent for Post Combustion Carbon Dioxide (CO ₂) Capture Processes. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9200-9206.	6.7	8
9	Hydrogen Evolution from Additive-Free Formic Acid Dehydrogenation Using Weakly Basic Resin-Supported Pd Catalyst. <i>ACS Omega</i> , 2022, 7, 14944-14951.	3.5	7
10	Rational design of MgF ₂ catalysts with long-term stability for the dehydrofluorination of 1,1-difluoroethane (HFC-152a). <i>RSC Advances</i> , 2019, 9, 23744-23751.	3.6	6
11	Kinetic Absorption of CO ₂ into Blended Ammonia (NH ₃) Solutions with a New Cyclic Amine 4-Aminomethyltetrahydropyran (4-AMTHP). <i>Energy & Fuels</i> , 2019, 33, 5377-5383.	5.1	6
12	Development and Evaluation of a Novel Method for Determining Absorbent Composition in Aqueous Ammonia-Based CO ₂ and SO ₃ ²⁻ and SO ₄ ²⁻ Loaded Capture Process Solutions via FT-IR Spectroscopy. <i>Energy & Fuels</i> , 2018, 32, 8563-8570.	5.1	5
13	Catalytic Performance for the Conversion of Potent Fluorinated Greenhouse Gases by Aluminium Fluorides with Different Morphology. <i>Catalysis Letters</i> , 2021, 151, 2065-2074.	2.6	4
14	The in situ redispersion of a PdCu/AC alloy catalyst under a CFCl ₂ /CF ₂ Cl ₂ /H ₂ atmosphere: a combination of experimental and DFT study. <i>Chemical Communications</i> , 2020, 56, 12001-12004.	4.1	2
15	Preparation and characterization of chromium-doped magnesium fluoride catalysts via an aqueous sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 92, 200-207.	2.4	1
16	Three- and two-site heteropolyoxotungstate anions as catalysts for the epoxidation of allylic alcohols by H ₂ O ₂ under biphasic conditions: Reactivity and kinetic studies of the [Ni ₃ (OH) ₂] ₃ (B-PW ₉ O ₃₄){WO ₅ (H ₂ O)} ₇ ⁷⁻ , [Co ₃ (OH) ₂] ₆ (A-PW ₉ O ₃₄) ₂] ₁₂ ¹²⁻ , and [M ₄ (OH) ₂] ₂ (B-PW ₉ O ₃₄) ₂] ₁₀ ¹⁰⁻ anions, where M ²⁺ = Mn(II), Co(II), Ni(II), Cu(II) and Zn(II). <i>Inorganica Chimica Acta</i> , 2020, 499, 119178.	2.4	1
17	One-Pot Cascade Catalysis of Dehydrochlorination of Greenhouse Gas HCFC-142b and Hydrochlorination of Acetylene for the Spontaneous Production of VDF and VCM. <i>ACS ES&T Engineering</i> , 2022, 2, 121-128.	7.6	1
18	Mechanism of One-Step Hydrothermally Synthesized Titanate Catalysts for Ozonation. <i>Molecules</i> , 2022, 27, 2706.	3.8	1