Lichun Li

List of Publications by Year
in descending order

18	203	1307594 7	1125743 13
papers	citations	h-index	g-index

18	18	18	196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-Pot Cascade Catalysis of Dehydrochlorination of Greenhouse Gas HCFC-142b and Hydrochlorination of Acetylene for the Spontaneous Production of VDF and VCM. ACS ES&T Engineering, 2022, 2, 121-128.	7.6	1
2	Hydrogen Evolution from Additive-Free Formic Acid Dehydrogenation Using Weakly Basic Resin-Supported Pd Catalyst. ACS Omega, 2022, 7, 14944-14951.	3.5	7
3	Mechanism of One-Step Hydrothermally Synthesized Titanate Catalysts for Ozonation. Molecules, 2022, 27, 2706.	3.8	1
4	Catalytic Performance for the Conversion of Potent Fluorinated Greenhouse Gases by Aluminium Fluorides with Different Morphology. Catalysis Letters, 2021, 151, 2065-2074.	2.6	4
5	Heterogeneous catalysts for the hydrogenation of amine/alkali hydroxide solvent captured CO 2 to formate: A review. , 2021, 11, 807-823.		14
6	Open-Structured Oxyfluorinated Titanium Phosphate Nanosheets Synthesized with the Assistance of an Ionic Liquid and Their Use as an Anode in Lithium-Ion Batteries. Energy & Fuels, 2021, 35, 15213-15222.	5.1	26
7	Structural Variations of Metal Oxideâ€Based Electrocatalysts for Oxygen Evolution Reaction. Small Methods, 2021, 5, e2100834.	8.6	42
8	Three- and two-site heteropolyoxotungstate anions as catalysts for the epoxidation of allylic alcohols by H2O2 under biphasic conditions: Reactivity and kinetic studies of the [Ni3(OH2)3(B-PW9O34){WO5(H2O)}]7â^', [Co3(OH2)6(A-PW9O34)2]12â^', and [M4(OH2)2(B-PW9O34)2]10â^ anions, where Mâ€¯=â€¯Mn(II), Co(II), Ni(II), Cu(II) and Zn(II). Inorganica Chimica Acta, 2020, 499, 119178.	2.4	1
9	The in situ redispersion of a PdCu/AC alloy catalyst under a CFCl2CF2Cl/H2 atmosphere: a combination of experimental and DFT study. Chemical Communications, 2020, 56, 12001-12004.	4.1	2
10	Desulfurization Performance and Kinetics of Potassium Hydroxide-Impregnated Char Sorbents for SO₂ Removal from Simulated Flue Gas. ACS Omega, 2020, 5, 19194-19201.	3.5	9
11	Rational design of MgF₂ catalysts with long-term stability for the dehydrofluorination of 1,1-difluoroethane (HFC-152a). RSC Advances, 2019, 9, 23744-23751.	3.6	6
12	Preparation and characterization of chromium-doped magnesium fluoride catalysts via an aqueous solâ€“gel method. Journal of Sol-Gel Science and Technology, 2019, 92, 200-207.	2.4	1
13	Kinetic Absorption of CO₂ into Blended Ammonia (NH₃) Solutions with a New Cyclic Amine 4-Aminomethyltetrahydropyran (4-AMTHP). Energy & Fuels, 2019, 33, 5377-5383.	5.1	6
14	Development and Evaluation of a Novel Method for Determining Absorbent Composition in Aqueous Ammonia-Based CO₂ and SO₃^{2â€“} and SO₄^{2â€“} Loaded Capture Process Solutions via FT-IR Spectroscopy. Energy & Fuels, 2018, 32, 8563-8570.	5.1	5
15	Investigation of metal ion additives on the suppression of ammonia loss and CO 2 absorption kinetics of aqueous ammonia-based CO 2 capture. International Journal of Greenhouse Gas Control, 2017, 56, 165-172.	4.6	21
16	Kinetic and Equilibrium Reactions of a New Heterocyclic Aqueous 4-Aminomethyltetrahydropyran (4-AMTHP) Absorbent for Post Combustion Carbon Dioxide (CO₂) Capture Processes. ACS Sustainable Chemistry and Engineering, 2017, 5, 9200-9206.	6.7	8
17	The effect of piperazine (PZ) on CO2 absorption kinetics into aqueous ammonia solutions at 25.0Â°C. International Journal of Greenhouse Gas Control, 2015, 36, 135-143.	4.6	21
18	CO₂ absorption by piperazine promoted aqueous ammonia solution: absorption kinetics and ammonia loss. , 2013, 3, 231-245.		28