

Chunli Li

List of Publications by Year in descending order

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44
papers

780
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687220

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526166

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716
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular design and experimental study of cellulose conversion to 5-hydroxymethylfurfural catalyzed by different ratios of Brønsted/Lewis acid ionic liquids. <i>Carbohydrate Polymers</i> , 2022, 278, 118936.	5.1	11
2	Iodine-Functionalized Titanium Carbide MXene with Ultra-Stable Pseudocapacitor Performance. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 643-649.	5.0	25
3	Preparation and properties of enzyme-carrying silica xerogel based on TMOS/MTMS co-precursors. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 102, 400-411.	1.1	4
4	Defective N-Doped Carbon Nanospheres Anchored Pd for Selective Hydrodeoxygenation of Bio-Models under Mild Conditions. <i>Energy Technology</i> , 2022, 10, .	1.8	0
5	Progress in Effects of Microenvironment of Carbon-based Catalysts on Hydrodeoxygenation of Biomass. <i>ChemCatChem</i> , 2021, 13, 1074-1088.	1.8	29
6	Renewable Tar-Derived Pd@biocarbon for Mild and Efficient Selectively Hydrodeoxygenation of Vanillin. <i>Energy & Fuels</i> , 2021, 35, 4169-4181.	2.5	14
7	Application of gradient acid fractionation protocol to improve decolorization technology by lignin-based adsorbent. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 10-18.	3.6	13
8	Separation of biobutanol from ABE fermentation broth using lignin as adsorbent: A totally sustainable approach with effective utilization of lignocellulose. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 11-21.	3.6	15
9	The Absorption Performance of Ionic Liquids-PEG200 Complex Adsorbent for VOCs. <i>Energies</i> , 2021, 14, 3592.	1.6	16
10	Elimination or Removal of Ethylene for Fruit and Vegetable Storage via Low-Temperature Catalytic Oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10419-10439.	2.4	9
11	Modification of Silica Xerogels with Polydopamine for Lipase B from <i>Candida antarctica</i> Immobilization. <i>Catalysts</i> , 2021, 11, 1463.	1.6	3
12	A mechanism study for trace phoxim in water extracted by DLLME with composite extractant containing ionic liquids. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 441-449.	1.3	4
13	Externally Heat-Integrated Multiple Diabatic Distillation Columns (EHIMDC): Basic Concept and General Characteristics. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 1668-1681.	1.8	5
14	A review on recent advances in catalytic combustion of chlorinated volatile organic compounds. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2069-2082.	1.6	51
15	Optimization and control of vertical double wall dividing-wall column for separating a quaternary system. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 2166-2186.	0.9	5
16	Experimental study and CFD numerical simulation of an innovative vapor splitter in dividing wall column. <i>AIChE Journal</i> , 2020, 66, e16266.	1.8	13
17	High-Efficiency Adsorbent for Biobutanol Separation Developed from Lignin by Solvents Fractionation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17483-17494.	1.8	9
18	Implementing a Multidimensional Education Approach Combining Problem-Based Learning and Conceivable Design-Implement-Operate in a Third-Year Undergraduate Chemical Engineering Course. <i>Journal of Chemical Education</i> , 2020, 97, 1874-1886.	1.1	6

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19	Preparation of propylene carbonate catalyzed by ionic liquid. <i>Chemical Papers</i> , 2020, 74, 2583-2590.	1.0	6
20	Improvement of adhesion properties of enzyme-loaded coating on random packing in transesterification. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2429.	0.8	0
21	A review and perspective of recent research in biological treatment applied in removal of chlorinated volatile organic compounds from waste air. <i>Chemosphere</i> , 2020, 250, 126338.	4.2	47
22	Separation of a Close-Boiling 1,2-Propanediol and Ethylene Glycol Mixture Using Pressure-Related Distillation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3173-3181.	1.8	6
23	Molecular Dynamic Simulation of D-Mannitol Polymorphs in Solid State and in Solution Relating With Spontaneous Nucleation. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1537-1546.	1.6	6
24	Isopropanol, n-butanol and ethanol recovery from IBE model solutions by salting-out using potassium pyrophosphate. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3850-3858.	1.6	7
25	Synthesis and characterization of an ionic liquid-carboxylic acid copolymer scale inhibitor and its scale inhibition performance. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1463-1472.	1.0	3
26	Role of sulfonation in lignin-based material for adsorption removal of cationic dyes. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 1171-1181.	3.6	127
27	Acetone fractionation: a simple and efficient method to improve the performance of lignin for dye pollutant removal. <i>RSC Advances</i> , 2019, 9, 35895-35903.	1.7	10
28	A Green Multifunctional Antiscaling Inhibitor for Crystallization Control of CaScale Crystals. <i>Chemical Engineering and Technology</i> , 2019, 42, 444-453.	0.9	17
29	Design and control of acetonitrile/n-propanol separation system via extractive distillation using n-methyl pyrrolidone as entrainer. <i>Separation Science and Technology</i> , 2018, 53, 2444-2455.	1.3	9
30	Isobaric Vapor-Liquid Equilibrium Data for the Acetone + Hexamethyl Disiloxane + Ethyl Acetate Ternary System at 101.3 kPa: Determination and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3621-3627.	1.0	3
31	Research Progress of Hybrid Distillation/Crystallization Technology. <i>Chemical Engineering and Technology</i> , 2018, 41, 1894-1904.	0.9	5
32	Coproduction of Ethyl Acetate and n-Butyl Acetate by Using a Reactive Dividing-Wall Column. <i>Chemical Engineering and Technology</i> , 2018, 41, 1808-1817.	0.9	5
33	Design and Control of Extractive Distillation Based on an Effective Relative Gain Array. <i>Chemical Engineering and Technology</i> , 2016, 39, 2339-2347.	0.9	13
34	A molecular design method based on the COSMO-SAC model for solvent selection in ionic liquid extractive distillation. <i>AIChE Journal</i> , 2016, 62, 2853-2869.	1.8	53
35	Self-assembly of kraft lignin into nanospheres in dioxane-water mixtures. <i>Holzforschung</i> , 2016, 70, 725-731.	0.9	52
36	Preparation of Nanocapsules via the Self-Assembly of Kraft Lignin: A Totally Green Process with Renewable Resources. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1946-1953.	3.2	115

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37	Monitoring the liquid phase concentration by Raman spectroscopy in a polymorphic system. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 1150-1156.	1.2	9
38	Measurement and Correlation of Vapor-Liquid Equilibria for Hexamethyl Disiloxane + Vinyl Acetate System at 101.3 kPa. <i>Chinese Journal of Chemical Engineering</i> , 2014, 22, 177-180.	1.7	2
39	Kinetics of Forward Extraction of Boric Acid from Salt Lake Brine by 2-Ethyl-1,3-hexanediol in Toluene Using Single Drop Technique. <i>Chinese Journal of Chemical Engineering</i> , 2014, 22, 496-502.	1.7	13
40	Isobaric Vapor-Liquid Equilibrium for the Binary System of Hexamethyl Disiloxane + Isopropyl Acetate at Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2425-2428.	1.0	2
41	Isobaric Vapor-Liquid Equilibrium for the Acetonitrile + Water System Containing Different Ionic Liquids at Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 1483-1489.	1.0	26
42	RSM optimization of the operating parameters for a butanol distillation column. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2012, 7, 117-123.	0.8	6
43	Determination and Correlation of Vapor-Liquid Equilibrium Data for the Ethyl Acetate + Hexamethyl Disiloxane System at 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 5078-5080.	1.0	6
44	THE RECYCLE OF CEFRADINE MENSTRUUM. , 2004, , .		0