Chunli Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2899659/publications.pdf

Version: 2024-02-01

44 papers	780 citations	687220 13 h-index	526166 27 g-index
44 all docs	44 docs citations	44 times ranked	716 citing authors

#	Article	IF	Citations
1	Role of sulfonation in lignin-based material for adsorption removal of cationic dyes. International Journal of Biological Macromolecules, 2019, 135, 1171-1181.	3.6	127
2	Preparation of Nanocapsules via the Self-Assembly of Kraft Lignin: A Totally Green Process with Renewable Resources. ACS Sustainable Chemistry and Engineering, 2016, 4, 1946-1953.	3.2	115
3	A molecular design method based on the COSMOâ€SAC model for solvent selection in ionic liquid extractive distillation. AIChE Journal, 2016, 62, 2853-2869.	1.8	53
4	Self-assembly of kraft lignin into nanospheres in dioxane-water mixtures. Holzforschung, 2016, 70, 725-731.	0.9	52
5	A review on recent advances in catalytic combustion of chlorinated volatile organic compounds. Journal of Chemical Technology and Biotechnology, 2020, 95, 2069-2082.	1.6	51
6	A review and perspective of recent research in biological treatment applied in removal of chlorinated volatile organic compounds from waste air. Chemosphere, 2020, 250, 126338.	4.2	47
7	Progress in Effects of Microenvironment of Carbonâ€based Catalysts on Hydrodeoxygenation of Biomass. ChemCatChem, 2021, 13, 1074-1088.	1.8	29
8	Isobaric Vaporâ€“Liquid Equilibrium for the Acetonitrile + Water System Containing Different Ionic Liquids at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2013, 58, 1483-1489.	1.0	26
9	Iodine-Functionalized Titanium Carbide MXene with Ultra-Stable Pseudocapacitor Performance. Journal of Colloid and Interface Science, 2022, 615, 643-649.	5.0	25
10	A Green Multifunctional Antiscaling Inhibitor for Crystallization Control of Caâ€Scale Crystals. Chemical Engineering and Technology, 2019, 42, 444-453.	0.9	17
11	The Absorption Performance of Ionic Liquidsâ€“PEG200 Complex Absorbent for VOCs. Energies, 2021, 14, 3592.	1.6	16
12	Separation of biobutanol from ABE fermentation broth using lignin as adsorbent: A totally sustainable approach with effective utilization of lignocellulose. International Journal of Biological Macromolecules, 2021, 174, 11-21.	3.6	15
13	Renewable Tar-Derived Pd@biocarbon for Mild and Efficient Selectively Hydrodeoxygenation of Vanillin. Energy & Fuels, 2021, 35, 4169-4181.	2.5	14
14	Kinetics of Forward Extraction of Boric Acid from Salt Lake Brine by 2-Ethyl-1,3-hexanediol in Toluene Using Single Drop Technique. Chinese Journal of Chemical Engineering, 2014, 22, 496-502.	1.7	13
15	Design and Control of Extractive Distillation Based on an Effective Relative Gain Array. Chemical Engineering and Technology, 2016, 39, 2339-2347.	0.9	13
16	Experimental study and <scp>CFD</scp> numerical simulation of an innovative vapor splitter in dividing wall column. AIChE Journal, 2020, 66, e16266.	1.8	13
17	Application of gradient acid fractionation protocol to improve decolorization technology by lignin-based adsorbent. International Journal of Biological Macromolecules, 2021, 172, 10-18.	3.6	13
18	Molecular design and experimental study of cellulose conversion to 5-hydroxymethylfurfural catalyzed by different ratios of BrÃ¸nsted/Lewis acid ionic liquids. Carbohydrate Polymers, 2022, 278, 118936.	5.1	11

#	Article	IF	Citations
19	Acetone fractionation: a simple and efficient method to improve the performance of lignin for dye pollutant removal. RSC Advances, 2019, 9, 35895-35903.	1.7	10
20	Monitoring the liquid phase concentration by Raman spectroscopy in a polymorphic system. Journal of Raman Spectroscopy, 2015, 46, 1150-1156.	1.2	9
21	Design and control of acetonitrile/N-propanol separation system via extractive distillation using N-methyl pyrrolidone as entrainer. Separation Science and Technology, 2018, 53, 2444-2455.	1.3	9
22	High-Efficiency Adsorbent for Biobutanol Separation Developed from Lignin by Solvents Fractionation. Industrial & Engineering Chemistry Research, 2020, 59, 17483-17494.	1.8	9
23	Elimination or Removal of Ethylene for Fruit and Vegetable Storage via Low-Temperature Catalytic Oxidation. Journal of Agricultural and Food Chemistry, 2021, 69, 10419-10439.	2.4	9
24	Isopropanol,nâ€butanol and ethanol recovery from IBE model solutions by saltingâ€out using potassium pyrophosphate. Journal of Chemical Technology and Biotechnology, 2019, 94, 3850-3858.	1.6	7
25	Determination and Correlation of Vaporâ€“Liquid Equilibrium Data for the Ethyl Acetate + Hexamethyl Disiloxane System at 101.3 kPa. Journal of Chemical & Engineering Data, 2011, 56, 5078-5080.	1.0	6
26	RSM optimization of the operating parameters for a butanol distillation column. Asia-Pacific Journal of Chemical Engineering, 2012, 7, 117-123.	0.8	6
27	Implementing a Multidimensional Education Approach Combining Problem-Based Learning and Conceiveâ€“Designâ€“Implementâ€“Operate in a Third-Year Undergraduate Chemical Engineering Course. Journal of Chemical Education, 2020, 97, 1874-1886.	1.1	6
28	Preparation of propylene carbonate catalyzed by ionic liquid. Chemical Papers, 2020, 74, 2583-2590.	1.0	6
29	Separation of a Close-Boiling 1,2-Propanediol and Ethylene Glycol Mixture Using Pressure-Related Distillation. Industrial & Engineering Chemistry Research, 2020, 59, 3173-3181.	1.8	6
30	Molecular Dynamic Simulation of D-Mannitol Polymorphs in Solid State and in Solution Relating With Spontaneous Nucleation. Journal of Pharmaceutical Sciences, 2020, 109, 1537-1546.	1.6	6
31	Research Progress of Hybrid Distillation/Crystallization Technology. Chemical Engineering and Technology, 2018, 41, 1894-1904.	0.9	5
32	Coproduction of Ethyl Acetate and nâ€Butyl Acetate by Using a Reactive Dividingâ€Wall Column. Chemical Engineering and Technology, 2018, 41, 1808-1817.	0.9	5
33	Externally Heat-Integrated Multiple Diabatic Distillation Columns (EHImx DC): Basic Concept and General Characteristics. Industrial & Engineering Chemistry Research, 2020, 59, 1668-1681.	1.8	5
34	Optimization and control of vertical double wall dividingâ€wall column for separating a quaternary system. Canadian Journal of Chemical Engineering, 2020, 98, 2166-2186.	0.9	5
35	A mechanism study for trace phoxim in water extracted by DLLME with composite extractant containing ionic liquids. Journal of Dispersion Science and Technology, 2020, 41, 441-449.	1.3	4
36	Preparation and properties of enzyme-carrying silica xerogel based on TMOS/MTMS co-precursors. Journal of Sol-Gel Science and Technology, 2022, 102, 400-411.	1.1	4

#	Article	IF	Citations
37	Isobaric Vaporâ€“Liquid Equilibrium Data for the Acetone + Hexamethyl Disiloxane + Ethyl Acetate Ternary System at 101.3 kPa: Determination and Correlation. Journal of Chemical & Engineering Data, 2018, 63, 3621-3627.	1.0	3
38	Synthesis and characterization of an ionic liquidâ€“carboxylic acid copolymer scale inhibitor and its scale inhibition performance. Water Science and Technology: Water Supply, 2019, 19, 1463-1472.	1.0	3
39	Modification of Silica Xerogels with Polydopamine for Lipase B from Candida antarctica Immobilization. Catalysts, 2021, 11, 1463.	1.6	3
40	Isobaric Vaporâ€“Liquid Equilibrium for the Binary System of Hexamethyl Disiloxane + Isopropyl Acetate at Atmospheric Pressure. Journal of Chemical & Engineering Data, 2013, 58, 2425-2428.	1.0	2
41	Measurement and Correlation of Vapor-Liquid Equilibria for Hexamethyl Disiloxane + Vinyl Acetate System at 101.3 kPa. Chinese Journal of Chemical Engineering, 2014, 22, 177-180.	1.7	2
42	Improvement of adhesion properties of enzymeâ€loaded coating on random packing in transesterification. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2429.	0.8	0
43	THE RECYCLE OF CEFRADINE MENSTRUUM. , 2004, , .		0
44	Defective Nâ€Doped Carbon Nanospheres Anchored Pd for Selective Hydrodeoxygenation of Bioâ€Models under Mild Conditions. Energy Technology, 2022, 10, .	1.8	0