

Recovery of carboxylic acids C1ü£;C3 with organophosp

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recovery of phenol from aqueous solutions using liquid membranes with Cyanex 923. <i>Journal of Membrane Science</i> , 2007, 305, 313-324.	4.1	109
2	Today's and tomorrow's bio-based bulk chemicals from white biotechnology. <i>Applied Biochemistry and Biotechnology</i> , 2007, 136, 361-388.	1.4	141
3	Intensification of Nicotinic Acid Separation using Organophosphorous Solvating Extractants by Reactive Extraction. <i>Chemical Engineering and Technology</i> , 2008, 31, 1584-1590.	0.9	57
4	Extraction and permeation studies of Cd(II) in acidic and neutral chloride media using Cyanex 923 on supported liquid membrane. <i>Hydrometallurgy</i> , 2009, 96, 81-87.	1.8	45
5	A study on a combined process for the treatment of phenolic resin plant effluents. <i>Journal of Hazardous Materials</i> , 2009, 169, 659-666.	6.5	5
6	Extraction of Pyridine-3-carboxylic Acid Using 1-Dioctylphosphoryloctane (TOPO) with Different Diluents: Equilibrium Studies. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 2669-2677.	1.0	23
7	Mathematical modeling of cadmium(II) solvent extraction from neutral and acidic chloride media using Cyanex 923 extractant as a metal carrier. <i>Journal of Hazardous Materials</i> , 2010, 182, 903-911.	6.5	13
9	Experimental Data and Theoretical (Chemodel Using the Differential Evolution Approach and Linear) Tj ETQq1 1 0.784314 rgBT /Overl Using Tri-n-octylamine. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 4290-4300.	1.0	27
10	Differential Evolution Approach for Reactive Extraction of Propionic Acid Using Tri-n-Butyl Phosphate (TBP) in Kerosene and 1-Decanol. <i>Materials and Manufacturing Processes</i> , 2011, 26, 1222-1228.	2.7	16
11	Estimation of equilibrium parameters using differential evolution in reactive extraction of propionic acid by tri-n-butyl phosphate. <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 614-622.	1.8	31
12	Conditioning hardwood-derived pre-pulping extracts for use in fermentation through removal and recovery of acetic acid using trioctylphosphine oxide (TOPO). <i>Holzforschung</i> , 2011, 65, 51-58.	0.9	27
13	Reactive Extraction of Short-Chain Fatty Acids from Synthetic Acidic Fermentation Broth of Organic Solid Wastes and Their Stripping. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 46-51.	1.0	18
14	Treatment of Effluents Issued from Agro-Food Industries by Liquid-Liquid Extraction of Malic and Lactic Acids Using Tri-n-octylamine and Tri-n-butyl Phosphate. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 12471-12478.	1.8	7
15	Solvent extraction separation of tyramine from simulated alkaloid processing wastewater by Cyanex 923/kerosene. <i>Separation and Purification Technology</i> , 2013, 103, 28-35.	3.9	9
16	INTENSIFICATION OF RECOVERY OF FORMIC ACID FROM AQUEOUS STREAM USING REACTIVE EXTRACTION WITH N, N-DIOCTYLOCTAN-1-AMINE: EFFECT OF DILUENT AND TEMPERATURE. <i>Chemical Engineering Communications</i> , 2013, 200, 678-700.	1.5	15
17	Nanofiltration, bipolar electrodialysis and reactive extraction hybrid system for separation of fumaric acid from fermentation broth. <i>Bioresource Technology</i> , 2014, 167, 219-225.	4.8	29
18	Reaktive Trennung von Essigsäure/Ameisensäure/Wasser-Gemischen aus der Bioraffinerie. <i>Chemie-Ingenieur-Technik</i> , 2015, 87, 843-847.	0.4	5
19	Green liquor extraction of hemicellulosic fractions and subsequent organic acid recovery from the extracts using liquid-liquid extraction. <i>Industrial Crops and Products</i> , 2015, 67, 395-402.	2.5	15

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20	Response surface methodology for optimization of solvent extraction to recovery of acetic acid from black liquor derived from <i>Typha latifolia</i> pulping process. <i>Industrial Crops and Products</i> , 2016, 89, 34-44.	2.5	22
21	Reactive extraction and recovery of levulinic acid, formic acid and furfural from aqueous solutions containing sulphuric acid. <i>Separation and Purification Technology</i> , 2017, 185, 186-195.	3.9	100
22	Extraction of carboxylic acids with neutral extractants. <i>Theoretical Foundations of Chemical Engineering</i> , 2017, 51, 786-794.	0.2	12
23	Isolation of Carboxylic Acids from Biobased Feedstock. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 161-171.	0.4	23
24	Delignification from <i>Geodae-Uksae1</i> using soda-pulping followed by evaluation on recycling of liquid-liquid extraction solvent. <i>Biomass and Bioenergy</i> , 2018, 109, 23-30.	2.9	4
25	<i>In situ</i> recovery of bio-based carboxylic acids. <i>Green Chemistry</i> , 2018, 20, 1791-1804.	4.6	63
26	Removal of succinic acid from fermentation broth by multistage process (membrane separation and) <i>Tj ETQq0 0 0 r gBT /Overlock 10 Tf</i>	3.9	59
27	Explore the competency of natural diluents with Tri-n-octylamine for the extractive separation of malonic acid. <i>Chemical Data Collections</i> , 2019, 22, 100253.	1.1	3
28	Study of a New Process for the Preparation of Butyl Levulinate from Cellulose. <i>ACS Omega</i> , 2019, 4, 9828-9834.	1.6	7
29	Removal of acetic acid from aqueous solutions using bulk ionic liquid membranes: A transport and experimental design study. <i>Separation and Purification Technology</i> , 2019, 224, 51-61.	3.9	23
30	High-Pressure Electrochemical Reduction of CO ₂ to Formic Acid/Formate: Effect of pH on the Downstream Separation Process and Economics. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 22718-22740.	1.8	84
31	Improving understanding of solvent effects on intermolecular interactions in reactive liquid-liquid extraction with Isothermal Titration Calorimetry and molecular modeling. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 72, 364-373.	2.9	19
32	Solvent developments for liquid-liquid extraction of carboxylic acids in perspective. <i>Separation and Purification Technology</i> , 2019, 211, 935-957.	3.9	131
33	The effect of fermentation broth composition on removal of carboxylic acids by reactive extraction with Cyanex 923. <i>Separation and Purification Technology</i> , 2020, 236, 116289.	3.9	15
34	Liquid-liquid extraction technology for resource recovery: Applications, potential, and perspectives. <i>Journal of Water Process Engineering</i> , 2021, 40, 101762.	2.6	21
35	Extraction Equilibria of Propionic Acid in Systems with Phosphonium Phosphinate Ionic Liquid, Dodecane, and Water. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 947-957.	1.0	8
36	Pressure-swing distillation process for separating ternary azeotropic mixture of acidic aqueous solution. <i>Chemical Engineering Communications</i> , 2022, 209, 882-894.	1.5	1
37	Process Intensification for Separation of Carboxylic Acids from Fermentation Broths using Reactive Extraction. <i>I-manager's Journal on Future Engineering and Technology</i> , 2008, 3, 21-28.	0.3	19

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38	Recovery of Acetic Acid from An Ethanol Fermentation Broth by Liquid-Liquid Extraction (LLE) Using Various Solvents. Korean Chemical Engineering Research, 2015, 53, 695-702.	0.2	6
39	Optimization and Evaluation of Organic Acid Recovery from Kraft Black Liquor Using Liquid-Liquid Extraction. Korean Chemical Engineering Research, 2016, 54, 753-761.	0.2	6
40	Recovery of Fumaric acid from Aqueous Solution Using Laboratory Prepared Nontoxic Diluent. International Journal of ChemTech Research, 2018, 11, 14-21.	0.1	0
41	Highly effective mineralization of acetic acid wastewater via catalytic ozonation over the promising MnO ₂ / γ -Al ₂ O ₃ catalyst. Chemical Physics Impact, 2023, 6, 100149.	1.7	4