Timothy C Frank

List of Publications by Year
in descending order

15 papers	276 citations	1163117 8 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	285 citing authors

#	Article	IF	Citations
1	Transesterification of propylene glycol methyl ether by reactive simulated moving bed chromatography using homogeneous catalyst. Adsorption, 2018, 24, 309-324.	3.0	3
2	Effect of Rapid Pressurization on the Solubility of Small Organic Molecules. Crystal Growth and Design, 2016, 16, 1404-1408.	3.0	4
3	Transesterification of propylene glycol methyl ether in chromatographic reactors using anion exchange resin as a catalyst. Journal of Chromatography A, 2016, 1466, 84-95.	3.7	17
4	Conversion improvement for catalytic synthesis of propylene glycol methyl ether acetate by reactive chromatography: Experiments and parameter estimation. Chemical Engineering Journal, 2015, 259, 397-409.	12.7	15
5	Framework for correlating the effect of temperature on nonelectrolyte and ionic liquid activity coefficients. AICHE Journal, 2014, 60, 3675-3690.	3.6	3
6	Membrane-assisted VOC removal from aqueous acrylic latex. Journal of Membrane Science, 2014, 452, 426-432.	8.2	17
7	Membrane-Assisted Volatile Organic Compound Removal from Aqueous Acrylic Latex Is Faster Than from Aqueous Solutions. Industrial & Engineering Chemistry Research, 2014, 53, 12420-12427.	3.7	4
8	Optimization of reactive simulated moving bed systems with modulation of feed concentration for production of glycol ether ester. Journal of Chromatography A, 2014, 1360, 196-208.	3.7	20
9	Horizontal reactive distillation for multicomponent chiral resolution. AICHE Journal, 2013, 59, 2603-2620.	3.6	14
10	SMB chromatography design using profile advancement factors, miniplant data, and rateâ€based process simulation. AICHE Journal, 2009, 55, 2848-2860.	3.6	8
11	Application of MOSCED and UNIFAC to Screen Hydrophobic Solvents for Extraction of Hydrogen-Bonding Organics from Aqueous Solution. Industrial & Engineering Chemistry Research, 2007, 46, 4621-4625.	3.7	21
12	Separation of Glycol Ethers and Similar LCST-Type Hydrogen-Bonding Organics from Aqueous Solution Using Distillation or Liquidâ"Liquid Extraction. Industrial & Engineering Chemistry Research, 2007, 46, 3774-3786.	3.7	8
13	Use of Glycol Ethers for Selective Release of Periplasmic Proteins from Gram-Negative Bacteria. Biotechnology Progress, 2007, 23, 0-0.	2.6	7
14	Mutual Solubility and Lower Critical Solution Temperature for Water + Glycol Ether Systems. Journal of Chemical & Engineering Data, 2005, 50, 869-877.	1.9	58
15	Revision of MOSCED Parameters and Extension to Solid Solubility Calculations. Industrial & Engineering Chemistry Research, 2005, 44, 4075-4083.	3.7	77