

Pengfei Jiao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design and optimization of JOEX process for highly efficient quaternary separation of 5-ribonucleotides. AICHE Journal, 2022, 68, .	3.6	2
2	Preparation and Evaluation of Antioxidant Activities of Bioactive Peptides Obtained from Cornus officinalis. Molecules, 2022, 27, 1232.	3.8	2
3	Adsorption Equilibria, Kinetics, and Column Dynamics of L-Tryptophan on Mixed-Mode Resin HD-1. ACS Omega, 2022, 7, 9614-9621.	3.5	2
4	Adsorption Separation of L-Tryptophan Based on the Hyper-Cross-Linked Resin XDA-200. ACS Omega, 2021, 6, 2255-2263.	3.5	11
5	Intracellular Paclitaxel Delivery Facilitated by a Dual-Functional CPP with a Hydrophobic Hairpin Tail. ACS Applied Materials & Interfaces, 2021, 13, 4853-4860.	8.0	11
6	Molecularly Imprinted Magnetic Fluorescent Nanocomposite-Based Sensor for Selective Detection of Lysozyme. Nanomaterials, 2021, 11, 1575.	4.1	13
7	Cooperative adsorption of L-tryptophan and sodium ion on a hyper-cross-linked resin: Experimental studies and mathematical modeling. Journal of Chromatography A, 2021, 1648, 462211.	3.7	7
8	Mass transfer process and separation mechanism of four 5-ribonucleotides on a strong acid cation exchange resin. Journal of Chromatography A, 2020, 1634, 461681.	3.7	3
9	Thermodynamics, Characterization, and Polymorphic Transformation of 1,5-Pentanediamine Carbonate. Industrial & Engineering Chemistry Research, 2020, 59, 10185-10194.	3.7	13
10	Separation of Cytidine 5-Monophosphate and Guanosine 5-Monophosphate Based on the Hyper-Cross-Linked Resin XDA-1 with pH Gradient Elution. Industrial & Engineering Chemistry Research, 2019, 58, 22811-22819.	3.7	5
11	Recovery of lactic acid from the pretreated fermentation broth based on a novel hyper-cross-linked meso-micropore resin: Modeling. Bioresource Technology, 2017, 241, 593-602.	9.6	20
12	Combined ion exchange and adsorption equilibria of 5-ribonucleotides on the strong acid cation exchange resin NH-1. Journal of Chemical Technology and Biotechnology, 2017, 92, 1678-1689.	3.2	5
13	Bio-butanol sorption performance on novel porous-carbon adsorbents from corncob prepared via hydrothermal carbonization and post-pyrolysis method. Scientific Reports, 2017, 7, 11753.	3.3	19
14	Solvent effects on nucleation of disodium guanosine 5-monophosphate in anti-solvent/water mixtures. CrystEngComm, 2016, 18, 6653-6663.	2.6	10
15	Desorption of 1-butanol from polymeric resin: experimental studies and mathematical modeling. RSC Advances, 2015, 5, 105464-105474.	3.6	10
16	Acetone-butanol-ethanol competitive sorption simulation from single, binary, and ternary systems in a fixed-bed of KA resin. Biotechnology Progress, 2015, 31, 124-134.	2.6	21
17	Mathematical modeling of the competitive sorption dynamics of acetone-butanol-ethanol on KA-I resin in a fixed-bed column. Adsorption, 2015, 21, 165-176.	3.0	18