

Pengfei Jiao

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

172
citations

1040056

9
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

204
citing authors

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