

Tao Qin

List of Publications by Year in descending order

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15
papers

145
citations

1307594

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238
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient decolorization of citric acid fermentation broth using carbon materials prepared from phosphoric acid activation of hydrothermally treated corncob. <i>RSC Advances</i> , 2017, 7, 37112-37121.	3.6	22
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	Functional polymeric dialdehyde dextrin network capped mesoporous silica nanoparticles for pH/GSH dual-controlled drug release. <i>RSC Advances</i> , 2018, 8, 20862-20871.	3.6	16
6	Synthesis, adsorption and molecular simulation study of methylamine-modified hyper-cross-linked resins for efficient removal of citric acid from aqueous solution. <i>Scientific Reports</i> , 2020, 10, 9623.	3.3	10
7	Recovery of monosaccharides from dilute acid corncob hydrolysate by nanofiltration: modeling and optimization. <i>RSC Advances</i> , 2018, 8, 12672-12683.	3.6	9
8	Application of electrodialysis to extract 5 th -ribonucleotides from hydrolysate: efficient decolorization and membrane fouling. <i>RSC Advances</i> , 2018, 8, 29115-29128.	3.6	7
9	Combined ion exchange and adsorption equilibria of 5 th -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
10	Competitive adsorption of vanillin and syringaldehyde on a macro-mesopore polymeric resin: modeling. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1435-1445.	3.4	5
11	Separation and recovery of alkali lignin and NaOH based on size exclusion methodology. <i>Separation and Purification Technology</i> , 2021, 257, 117852.	7.9	4
12	Application of a humidity-mediated method to remove residual solvent from crystal lattice. <i>Food Chemistry</i> , 2019, 294, 123-129.	8.2	3
13	Mass transfer process and separation mechanism of four 5 th -ribonucleotides on a strong acid cation exchange resin. <i>Journal of Chromatography A</i> , 2020, 1634, 461681.	3.7	3
14	Model-based design of an intermittent simulated moving bed process for recovering lactic acid from ternary mixture. <i>Journal of Chromatography A</i> , 2018, 1562, 47-58.	3.7	2
15	Mass transfer process and separation mechanism of sulfuric acid and aluminum sulfate mixture based on IEC technology: Modeling. <i>Separation and Purification Technology</i> , 2021, 285, 120168.	7.9	2