

Pengfei Li

List of Publications by Year in descending order

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25
papers

824
citations

687363

13
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610901

24
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all docs

25
docs citations

25
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the structure and physicochemical properties of fenugreek galactomannan modified via octenyl succinic anhydride. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 91-99.	7.5	9
2	Preparation and characterization of eco-friendly polysaccharide-based liquid mulch with soil amendment function. <i>Journal of Cleaner Production</i> , 2022, 363, 132586.	9.3	4
3	Separation of alkaloids and their analogs in HPLC using rosin-based polymer microspheres as stationary phases. <i>New Journal of Chemistry</i> , 2021, 45, 6856-6864.	2.8	6
4	Diffusion of water and protein drug in 1,4-butanediol diglycidyl ether crosslinked galactomannan hydrogels and its correlation with the physicochemical properties. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1987-2000.	7.5	10
5	Synthesis, characterization, and selective dye adsorption by pH- and ion-sensitive polyelectrolyte galactomannan-based hydrogels. <i>Carbohydrate Polymers</i> , 2021, 264, 118009.	10.2	50
6	Characterization of hydrophobic interaction of galactomannan in aqueous solutions using fluorescence-based technique. <i>Carbohydrate Polymers</i> , 2021, 267, 118183.	10.2	9
7	Camptothecin-imprinted polymer microspheres with rosin-based cross-linker for separation of camptothecin from <i>Camptotheca acuminata</i> fruit. <i>Separation and Purification Technology</i> , 2020, 234, 116085.	7.9	25
8	Preparation and adsorption characteristics of rosin-based polymer microspheres for berberine hydrochloride and separation of total alkaloids from <i>Coptidis rhizoma</i> . <i>Chemical Engineering Journal</i> , 2020, 392, 123707.	12.7	38
9	Coproduction of Furfural, Phenolated Lignin and Fermentable Sugars from Bamboo with One-Pot Fractionation Using Phenol-Acidic 1,4-Dioxane. <i>Energies</i> , 2020, 13, 5294.	3.1	3
10	Co-production of xylooligosaccharides and activated carbons from <i>Camellia oleifera</i> shell treated by the catalysis and activation of zinc chloride. <i>Bioresource Technology</i> , 2020, 306, 123131.	9.6	34
11	Borax crosslinked fenugreek galactomannan hydrogel as potential water-retaining agent in agriculture. <i>Carbohydrate Polymers</i> , 2020, 236, 116100.	10.2	65
12	Comparison and characterization of galactomannan at different developmental stages of <i>Gleditsia sinensis</i> Lam.. <i>Carbohydrate Polymers</i> , 2019, 223, 115127.	10.2	27
13	Alkaloid purification using rosin-based polymer-bonded silica stationary phase in HPLC. <i>Journal of Separation Science</i> , 2019, 42, 3646-3652.	2.5	10
14	Synthesis, surface properties and temperature dependence of phase separation of DSPE chains in ethanol solutions. <i>New Journal of Chemistry</i> , 2018, 42, 11192-11201.	2.8	2
15	Lignocellulosic biomass to biofuels and biochemicals: A comprehensive review with a focus on ethanol organosolv pretreatment technology. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2683-2702.	3.3	122
16	Progressive Relaxation Behavior and Relaxation Dynamics of sPS Gels upon Controlled Heating. <i>Polymers</i> , 2018, 10, 526.	4.5	0
17	Preparation and evaluation of paclitaxel-imprinted polymers with a rosin-based crosslinker as the stationary phase in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1502, 30-37.	3.7	39
18	Enhancement of enzymatic hydrolysis of sugarcane bagasse by pretreatment combined green liquor and sulfite. <i>Fuel</i> , 2017, 203, 707-714.	6.4	20

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19	Enhancement of ethanol production from green liquorâ€™ ethanol-pretreated sugarcane bagasse by glucoseâ€™xylose cofermentation at high solid loadings with mixed <i>Saccharomyces cerevisiae</i> strains. <i>Biotechnology for Biofuels</i> , 2017, 10, 92.	6.2	27
20	Surface Properties and Structural Transformation Behaviors of mPEG-Maleic Rosin Copolymer in Water. <i>Polymers</i> , 2017, 9, 466.	4.5	5
21	Lipase immobilized on rosin-based functional polymers as a biocatalyst for the synthesis of ethyl dodecanoate. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S106-S113.	1.8	3
22	A New Bergenin Derivative from <i>Ardisia maclurei</i> . <i>Chemistry of Natural Compounds</i> , 2016, 52, 224-226.	0.8	4
23	Rosinâ€™based molecularly imprinted polymers as the stationary phase in highâ€™performance liquid chromatography for selective separation of berberine hydrochloride. <i>Polymer International</i> , 2014, 63, 1699-1706.	3.1	34
24	Adsorption of the anionic dye Congo red from aqueous solution onto natural zeolites modified with N,N-dimethyl dehydroabietylamine oxide. <i>Chemical Engineering Journal</i> , 2014, 248, 135-144.	12.7	251
25	Synthesis and characterization of molecularly imprinted polymers with modified rosin as a cross-linker and selective SPE-HPLC detection of basic orange II in foods. <i>Analytical Methods</i> , 2014, 6, 6397-6406.	2.7	27