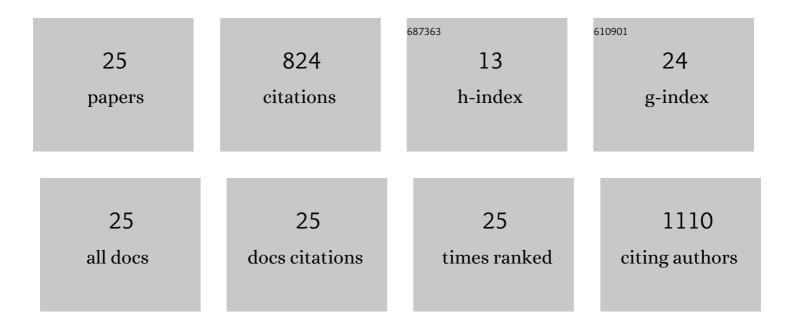
Pengfei Li

List of Publications by Year in descending order

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DENCEEL

#	Article	IF	CITATIONS
1	Adsorption of the anionic dye Congo red from aqueous solution onto natural zeolites modified with N,N-dimethyl dehydroabietylamine oxide. Chemical Engineering Journal, 2014, 248, 135-144.	12.7	251
2	Lignocellulosic biomass to biofuels and biochemicals: A comprehensive review with a focus on ethanol organosolv pretreatment technology. Biotechnology and Bioengineering, 2018, 115, 2683-2702.	3.3	122
3	Borax crosslinked fenugreek galactomannan hydrogel as potential water-retaining agent in agriculture. Carbohydrate Polymers, 2020, 236, 116100.	10.2	65
4	Synthesis, characterization, and selective dye adsorption by pH- and ion-sensitive polyelectrolyte galactomannan-based hydrogels. Carbohydrate Polymers, 2021, 264, 118009.	10.2	50
5	Preparation and evaluation of paclitaxel-imprinted polymers with a rosin-based crosslinker as the stationary phase in high-performance liquid chromatography. Journal of Chromatography A, 2017, 1502, 30-37.	3.7	39
6	Preparation and adsorption characteristics of rosin-based polymer microspheres for berberine hydrochloride and separation of total alkaloids from coptidis rhizoma. Chemical Engineering Journal, 2020, 392, 123707.	12.7	38
7	Rosinâ€based molecularly imprinted polymers as the stationary phase in highâ€performance liquid chromatography for selective separation of berberine hydrochloride. Polymer International, 2014, 63, 1699-1706.	3.1	34
8	Co-production of xylooligosaccharides and activated carbons from Camellia oleifera shell treated by the catalysis and activation of zinc chloride. Bioresource Technology, 2020, 306, 123131.	9.6	34
9	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. Analytical Methods, 2014, 6, 6397-6406.	2.7	27
10	Enhancement of ethanol production from green liquor–ethanol-pretreated sugarcane bagasse by glucose–xylose cofermentation at high solid loadings with mixed Saccharomyces cerevisiae strains. Biotechnology for Biofuels, 2017, 10, 92.	6.2	27
11	Comparison and characterization of galactomannan at different developmental stages of Gleditsia sinensis Lam Carbohydrate Polymers, 2019, 223, 115127.	10.2	27
12	Camptothecin-imprinted polymer microspheres with rosin-based cross-linker for separation of camptothecin from Camptotheca acuminata fruit. Separation and Purification Technology, 2020, 234, 116085.	7.9	25
13	Enhancement of enzymatic hydrolysis of sugarcane bagasse by pretreatment combined green liquor and sulfite. Fuel, 2017, 203, 707-714.	6.4	20
14	Alkaloid purification using rosinâ€based polymerâ€bonded silica stationary phase in HPLC. Journal of Separation Science, 2019, 42, 3646-3652.	2.5	10
15	Diffusion of water and protein drug in 1,4-butanediol diglycidyl ether crosslinked galactomannan hydrogels and its correlation with the physicochemical properties. International Journal of Biological Macromolecules, 2021, 183, 1987-2000.	7.5	10
16	Characterization of hydrophobic interaction of galactomannan in aqueous solutions using fluorescence-based technique. Carbohydrate Polymers, 2021, 267, 118183.	10.2	9
17	Study on the structure and physicochemical properties of fenugreek galactomannan modified via octenyl succinic anhydride. International Journal of Biological Macromolecules, 2022, 214, 91-99.	7.5	9
18	Separation of alkaloids and their analogs in HPLC using rosin-based polymer microspheres as stationary phases. New Journal of Chemistry, 2021, 45, 6856-6864.	2.8	6

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#	Article	IF	CITATIONS
19	Surface Properties and Structural Transformation Behaviors of mPEG-Maleic Rosin Copolymer in Water. Polymers, 2017, 9, 466.	4.5	5
20	A New Bergenin Derivative from Ardisia maclurei. Chemistry of Natural Compounds, 2016, 52, 224-226.	0.8	4
21	Preparation and characterization of eco-friendly polysaccharide-based liquid mulch with soil amendment function. Journal of Cleaner Production, 2022, 363, 132586.	9.3	4
22	Lipase immobilized on rosin-based functional polymers as a biocatalyst for the synthesis of ethyl dodecanoate. Journal of Molecular Catalysis B: Enzymatic, 2016, 133, S106-S113.	1.8	3
23	Coproduction of Furfural, Phenolated Lignin and Fermentable Sugars from Bamboo with One-Pot Fractionation Using Phenol-Acidic 1,4-Dioxane. Energies, 2020, 13, 5294.	3.1	3
24	Synthesis, surface properties and temperature dependence of phase separation of DSPE chains in ethanol solutions. New Journal of Chemistry, 2018, 42, 11192-11201.	2.8	2
25	Progressive Relaxation Behavior and Relaxation Dynamics of sPS Gels upon Controlled Heating. Polymers, 2018, 10, 526.	4.5	Ο