

Hongchang Pei

List of Publications by Year in descending order

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11
papers

390
citations

840776

11
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1281871

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g-index

11
all docs

11
docs citations

11
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial and environmentally friendly chitosan/polyvinyl alcohol blend membranes for air filtration. <i>Carbohydrate Polymers</i> , 2018, 198, 241-248.	10.2	115
2	Environmentally-friendly halloysite nanotubes@chitosan/polyvinyl alcohol/non-woven fabric hybrid membranes with a uniform hierarchical porous structure for air filtration. <i>Journal of Membrane Science</i> , 2020, 594, 117445.	8.2	61
3	Preparation and Characterization of Polysulfone- <i>graft</i> -4-aminobenzo-15-crown-5-ether for Lithium Isotope Separation. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 3473-3479.	3.7	48
4	A highly-efficient lithium adsorptive separation membrane derived from a polyimide-containing dibenzo-14-crown-4 moiety. <i>Separation and Purification Technology</i> , 2020, 247, 116940.	7.9	26
5	In situ one-pot formation of crown ether functionalized polysulfone membranes for highly efficient lithium isotope adsorptive separation. <i>European Polymer Journal</i> , 2018, 109, 288-296.	5.4	25
6	Chitosan- <i>graft</i> -benzo-15-crown-5-ether/PVA Blend Membrane with Sponge-Like Pores for Lithium Isotope Adsorptive Separation. <i>ACS Omega</i> , 2018, 3, 554-561.	3.5	24
7	Polyvinyl alcohol- <i>graft</i> -benzo-15-crown-5 ether for lithium isotopes separation by liquid-solid extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 2061-2068.	1.5	23
8	Polysulfone- <i>graft</i> -4-aminobenzo-15-crown-5-ether based tandem membrane chromatography for efficient adsorptive separation of lithium isotopes. <i>Journal of Chromatography A</i> , 2019, 1602, 206-216.	3.7	22
9	Formoxylbenzo-15-crown-5 ether functionalized PVA/NWF composite membrane for enhanced 7Li+ enrichment. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 97, 496-502.	5.3	16
10	Preparation of PSf-g-BN15C5/NWF composite membrane with sponge-like pore structure for lithium isotopes adsorptive separation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 507-516.	5.3	15
11	Preparation of polysulfone- <i>graft</i> -monoazabenzo-15-crown-5 ether porous membrane for lithium isotope separation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 111-119.	1.5	15