

Anna Strzelewicz

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

423
citations

840776

11
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal hybrid membrane structure based on experimental results and simulation analysis of diffusion process. <i>Journal of Materials Science</i> , 2022, 57, 11491-11504.	3.7	2
2	Water Transport Through Synthetic Membranes as Inspired by Transport Through Biological Membranes. <i>Biologically-inspired Systems</i> , 2021, , 211-241.	0.2	0
3	Design of polymer membrane morphology with prescribed structure and diffusion properties. <i>Chemical Physics</i> , 2020, 531, 110662.	1.9	4
4	Characterization of the Structure and Transport Properties of Alginate/Chitosan Microparticle Membranes Utilized in the Pervaporative Dehydration of Ethanol. <i>Polymers</i> , 2020, 12, 411.	4.5	6
5	Clustering analysis for pervaporation performance assessment of alginate hybrid membranes in dehydration of ethanol. <i>Chemical Engineering Research and Design</i> , 2019, 144, 483-493.	5.6	23
6	The influence of metal oxides on the separation properties of hybrid alginate membranes. <i>Separation Science and Technology</i> , 2018, 53, 1178-1190.	2.5	10
7	Structure-diffusion relationship of polymer membranes with different texture. <i>Physical Review E</i> , 2017, 95, 012155.	2.1	6
8	Structure, morphology and separation efficiency of hybrid Alg/Fe ₃ O ₄ membranes in pervaporative dehydration of ethanol. <i>Separation and Purification Technology</i> , 2017, 182, 101-109.	7.9	30
9	Structure and transport properties of ethylcellulose membranes with different types and granulation of magnetic powder. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2016, 452, 241-250.	2.6	8
10	Permeation of ethanol and water vapors through chitosan membranes with ferroferric oxide particles cross-linked by glutaraldehyde and sulfuric(VI) acid. <i>Separation Science and Technology</i> , 2016, 51, 2649-2656.	2.5	3
11	Air Enrichment, by Polymeric Magnetic Membranes. , 2016, , 30-32.		1
12	Air Enrichment, by Polymeric Magnetic Membranes. , 2015, , 1-3.		0
13	VAPOUR PERMEATION STUDY OF WATER AND ETHANOL THROUGH CROSSLINKED CHITOSAN AND ALGINATE MEMBRANES. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2015, XX, 281-288.	0.1	6
14	The Study of Ethanol/Water Vapors Permeation through Sulfuric Acid Cross-Linked Chitosan Magnetic Membranes. <i>Separation Science and Technology</i> , 2014, 49, 1761-1767.	2.5	10
15	A spectrophotometric method for plant pigments determination and herbs classification. <i>Chemical Papers</i> , 2014, 68, .	2.2	12
16	Magnetic Mixed Matrix Membranes Consisting of PPO Matrix and Magnetic Filler in Gas Separation. <i>Separation Science and Technology</i> , 2014, 49, 1729-1735.	2.5	30
17	Pervaporation with chitosan membranes containing iron oxide nanoparticles. <i>Separation and Purification Technology</i> , 2014, 133, 8-15.	7.9	58
18	Magnetic mixed matrix membranes in air separation. <i>Chemical Papers</i> , 2014, 68, .	2.2	25

#	ARTICLE	IF	CITATIONS
19	Polymeric Magnetic Membranes. , 2014, , 1-2.		0
20	Studies of separation of vapours and gases through composite membranes with ferroferric oxide magnetic nanoparticles. Separation and Purification Technology, 2013, 109, 55-63.	7.9	41
21	Influence of Various Parameters on the Air Separation Process by Magnetic Membranes. Separation Science and Technology, 2012, 47, 1395-1404.	2.5	21
22	Structure morphology problems in the air separation by polymer membranes with magnetic particles. Journal of Membrane Science, 2012, 415-416, 864-870.	8.2	25
23	Preparation and Characterization of Iron Oxides " Polymer Composite Membranes. Separation Science and Technology, 2012, 47, 1390-1394.	2.5	37
24	On the permeation time lag for different transport equations by Frisch method. Journal of Membrane Science, 2008, 322, 460-465.	8.2	21
25	Studies on the air membrane separation in the presence of a magnetic field. Journal of Membrane Science, 2007, 294, 60-67.	8.2	39