

Piotr Tomasz Mitkowski

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

186
citations

1040056

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h-index

1125743

13
g-index

27
all docs

27
docs citations

27
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of process parameters in superheated steam drying on fire and explosion parameters of woody biomass. <i>Fuel Processing Technology</i> , 2021, 211, 106597.	7.2	26
2	Computer aided design, analysis and experimental investigation of membrane assisted batch reaction-separation systems. <i>Computers and Chemical Engineering</i> , 2009, 33, 551-574.	3.8	19
3	Extensional viscosity of o/w emulsion stabilized by polysaccharides measured on the opposed-nozzle device. <i>Food Hydrocolloids</i> , 2013, 32, 130-142.	10.7	19
4	Extensional viscosity measurements of concentrated emulsions with the use of the opposed nozzles device. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 47-55.	1.3	16
5	Extensional Viscosity and Stability of Oil-in-water Emulsions with Addition Poly(ethylene oxide). <i>Procedia Engineering</i> , 2012, 42, 733-741.	1.2	15
6	Effect of pH on Total Volume Membrane Charge Density in the Nanofiltration of Aqueous Solutions of Nitrate Salts of Heavy Metals. <i>Membranes</i> , 2020, 10, 235.	3.0	12
7	Experimental set-up of motionless hydraulic mixer and analysis of hydraulic mixing. <i>Chemical Engineering Journal</i> , 2016, 288, 618-637.	12.7	10
8	Concentration of natural aroma compounds from fruit juice hydrolytes by pervaporation in laboratory and semi-technical scale. Part 2. Economic analysis. <i>Journal of Cleaner Production</i> , 2017, 165, 509-519.	9.3	10
9	Methodology for the Determination of a Process Safety Culture Index and Safety Culture Maturity Level in Industries. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2668.	2.6	10
10	Integration of Fire and Explosion Index in 3D Process Plant Design Software. <i>Chemical Engineering and Technology</i> , 2015, 38, 1212-1222.	1.5	7
11	Production of emulsion in tank mixer with sieve bottom. <i>Chemical Engineering Research and Design</i> , 2016, 109, 618-627.	5.6	7
12	Imidazolium room-temperature ionic liquids with alkoxyethyl substituent: A quest for improved microbiological selectivity. <i>Chemical Engineering Journal</i> , 2022, 442, 136062.	12.7	7
13	Aeration of Liquid-Liquid Systems Using Various Agitators in a Mixer Equipped with a Membrane Diffuser. <i>Chemical Engineering and Technology</i> , 2016, 39, 2370-2379.	1.5	6
14	Hybrid process scheme for the synthesis of ethyl lactate: conceptual design and analysis. <i>Chemical Papers</i> , 2011, 65, .	2.2	5
15	Assessment of the Total Volume Membrane Charge Density through Mathematical Modeling for Separation of Succinic Acid Aqueous Solutions on Ceramic Nanofiltration Membrane. <i>Processes</i> , 2019, 7, 559.	2.8	5
16	Drag Reduction in the Flow of Aqueous Solutions of a Mixture of Cocamidopropyl Betaine and Cocamide DEA. <i>Energies</i> , 2021, 14, 2683.	3.1	4
17	Generic hybrid models of solvent-based reactive systems combined with membrane separation system. <i>Computer Aided Chemical Engineering</i> , 2006, 21, 527-532.	0.5	2
18	Model-based hybrid reaction-separation process design. <i>Computer Aided Chemical Engineering</i> , 2007, , 395-400.	0.5	2

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19	The Fouling Effect on Commercial Ceramic Membranes during Filtration of Microalgae <i>Chlorella vulgaris</i> and <i>Monoraphidium contortum</i> . <i>Energies</i> , 2022, 15, 3745.	3.1	2
20	Computer aided methods & tools for separation & purification of fine chemical & pharmaceutical products. <i>Computer Aided Chemical Engineering</i> , 2006, 21, 805-810.	0.5	1
21	Hydraulic Mixing. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2018, , 291-306.	0.6	1
22	Komputerowe wspomaganie projektowania obiektów w przemyśle, nowych obszarów w kształceniu inżynierów w Polsce. <i>Przemysł Chemiczny</i> , 2016, 1, 10-13.	0.0	0
23	Analysis of Thermal Distillation Process for Digestate in the Aspect of Gas, Liquid and Solid Products of Thermal Conversion. , 2020, , 1-9.		0
24	Application of HE-3 and HE-3X Agitators in Suspension Production. , 2020, , 252-260.		0
25	Analysis of Mechanical Mixing in a Tank Mixer with Disturbing Elements. , 2020, , 89-98.		0
26	Design of membrane systems. <i>ChemistrySelect</i> , 2022, .	1.5	0
27	FIRE AND EXPLOSION CHARACTERISTICS OF ENERGY WILLOW BIOMASS DURING THE SUPERHEATED STEAM DRYING PROCESS. <i>Zeszyty Naukowe SGSP</i> , 2022, 82, 21-36.	0.1	0