Piotr Tomasz Mitkowski

List of Publications by Year in descending order

27 papers	186 citations	1040056 9 h-index	1125743 13 g-index

27 all docs	27 docs citations	27 times ranked	164 citing authors

#	Article	IF	Citations
1	Methodology for the Determination of a Process Safety Culture Index and Safety Culture Maturity Level in Industries. International Journal of Environmental Research and Public Health, 2022, 19, 2668.	2.6	10
2	Imidazolium room-temperature ionic liquids with alkoxymethyl substituent: A quest for improved microbiological selectivity. Chemical Engineering Journal, 2022, 442, 136062.	12.7	7
3	Design of membrane systems. ChemistrySelect, 2022, .	1.5	0
4	The Fouling Effect on Commercial Ceramic Membranes during Filtration of Microalgae Chlorella vulgaris and Monoraphidium contortum. Energies, 2022, 15, 3745.	3.1	2
5	FIRE AND EXPLOSION CHARACTERISTICS OF ENERGY WILLOW BIOMASS DURING THE SUPERHEATED STEAM DRYING PROCESS. Zeszyty Naukowe SGSP, 2022, 82, 21-36.	0.1	0
6	Influence of process parameters in superheated steam drying on fire and explosion parameters of woody biomass. Fuel Processing Technology, 2021, 211, 106597.	7.2	26
7	Drag Reduction in the Flow of Aqueous Solutions of a Mixture of Cocamidopropyl Betaine and Cocamide DEA. Energies, 2021, 14, 2683.	3.1	4
8	Effect of pH on Total Volume Membrane Charge Density in the Nanofiltration of Aqueous Solutions of Nitrate Salts of Heavy Metals. Membranes, 2020, 10, 235.	3.0	12
9	Analysis of Thermal Distillation Process for Digestate in the Aspect of Gas, Liquid and Solid Products of Thermal Conversion. , 2020, , 1-9.		0
10	Application of HE-3 and HE-3X Agitators in Suspension Production. , 2020, , 252-260.		0
11	Analysis of Mechanical Mixing in a Tank Mixer with Disturbing Elements. , 2020, , 89-98.		0
12	Assessment of the Total Volume Membrane Charge Density through Mathematical Modeling for Separation of Succinic Acid Aqueous Solutions on Ceramic Nanofiltration Membrane. Processes, 2019, 7, 559.	2.8	5
13	Hydraulic Mixing. Lecture Notes on Multidisciplinary Industrial Engineering, 2018, , 291-306.	0.6	1
14	Concentration of natural aroma compounds from fruit juice hydrolates by pervaporation in laboratory and semi-technical scale. Part 2. Economic analysis. Journal of Cleaner Production, 2017, 165, 509-519.	9.3	10
15	Aeration of Liquidâ€Liquid Systems Using Various Agitators in a Mixer Equipped withÂa Membrane Diffuser. Chemical Engineering and Technology, 2016, 39, 2370-2379.	1.5	6
16	Production of emulsion in tank mixer with sieve bottom. Chemical Engineering Research and Design, 2016, 109, 618-627.	5.6	7
17	Experimental set-up of motionless hydraulic mixer and analysis of hydraulic mixing. Chemical Engineering Journal, 2016, 288, 618-637.	12.7	10
18	Komputerowe wspomaganie projektowania obiektÃ³w przemysÅ‚owych. Nowy obszar w ksztaÅ‚ceniu inÅ¼ynierÃ³w w Polsce. Przemysl Chemiczny, 2016, 1, 10-13.	0.0	0

#	Article	IF	Citations
19	Integration of Fire and Explosion Index inÂ3D Process Plant Design Software. Chemical Engineering and Technology, 2015, 38, 1212-1222.	1.5	7
20	Extensional viscosity measurements of concentrated emulsions with the use of the opposed nozzles device. Brazilian Journal of Chemical Engineering, 2014, 31, 47-55.	1.3	16
21	Extensional viscosity of o/w emulsion stabilized by polysaccharides measured on the opposed-nozzle device. Food Hydrocolloids, 2013, 32, 130-142.	10.7	19
22	Extensional Viscosity and Stability of Oil-in-water Emulsions with Addition Poly(ethylene oxide). Procedia Engineering, 2012, 42, 733-741.	1.2	15
23	Hybrid process scheme for the synthesis of ethyl lactate: conceptual design and analysis. Chemical Papers, 2011, 65, .	2.2	5
24	Computer aided design, analysis and experimental investigation of membrane assisted batch reactionâ€“separation systems. Computers and Chemical Engineering, 2009, 33, 551-574.	3.8	19
25	Model-based hybrid reaction-separation process design. Computer Aided Chemical Engineering, 2007, , 395-400.	0.5	2
26	Computer aided methods & tools for separation & purification of fine chemical & pharmaceutical products. Computer Aided Chemical Engineering, 2006, 21, 805-810.	0.5	1
27	Generic hybrid models of solvent-based reactive systems combined with membrane separation system. Computer Aided Chemical Engineering, 2006, 21, 527-532.	0.5	2