

Penha, Frederico Marques

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective Crystallization of α -Mannitol Polymorphs Using Surfactant Self-Assembly. <i>Crystal Growth and Design</i> , 2021, 21, 3928-3935.	1.4	13
2	In Situ Observation of Epitaxial Growth during Evaporative Simultaneous Crystallization from Aqueous Electrolytes in Droplets. <i>Crystals</i> , 2021, 11, 1122.	1.0	6
3	Nucleation kinetics of calcium oxalate monohydrate as a function of pH, magnesium, and osteopontin concentration quantified with droplet microfluidics. <i>Biomicrofluidics</i> , 2021, 15, 064103.	1.2	7
4	PRODUCT CHARACTERISTICS IN SIMULTANEOUS CRYSTALLIZATION OF NaCl AND CaSO ₄ FROM AQUEOUS SOLUTION WITH SEEDING. <i>Desalination</i> , 2020, 474, 114180.	4.0	7
5	Low purity enzymes and ultrasound pretreatment applied to partially hydrolyze whey protein. <i>Food Bioscience</i> , 2020, 38, 100784.	2.0	5
6	Strategies to control product characteristics in simultaneous crystallization of NaCl and KCl from aqueous solution: seeding with NaCl and KCl. <i>CrystEngComm</i> , 2020, 22, 7590-7600.	1.3	3
7	Impact of Organic Solvents on Physicochemical Properties of Nanofiltration and Reverse Osmosis Membranes. <i>Chemical Engineering and Technology</i> , 2019, 42, 2700-2708.	0.9	16
8	Product characteristics in simultaneous crystallization of NaCl and CaSO ₄ from aqueous solution under different evaporation rates. <i>Desalination</i> , 2019, 457, 85-95.	4.0	22
9	Strategies To Control Product Characteristics in Simultaneous Crystallization of NaCl and KCl from Aqueous Solution: Seeding with KCl. <i>Crystal Growth and Design</i> , 2019, 19, 1257-1267.	1.4	7
10	Simultaneous Crystallization of NaCl and KCl from Aqueous Solution: Elementary Phenomena and Product Characterization. <i>Crystal Growth and Design</i> , 2018, 18, 1645-1656.	1.4	13
11	Characterization and performance of reverse osmosis and nanofiltration membranes submitted to subcritical and supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2017, 128, 39-46.	1.6	7
12	Stability of oil-in-water emulsions produced by membrane emulsification with microporous ceramic membranes. <i>Journal of Food Engineering</i> , 2017, 195, 73-84.	2.7	28
13	Fouling control in ultrafiltration of bovine serum albumin and milk by the use of permanent magnetic field. <i>Journal of Food Engineering</i> , 2016, 168, 154-159.	2.7	25
14	Production of Exopolysaccharides by <i>Lactobacillus plantarum</i> ATCC 8014 and Concentration by Nanofiltration. <i>Journal of Advances in Biotechnology</i> , 2016, 6, 901-912.	0.1	1
15	Effect of dense CO ₂ on polymeric reverse osmosis and nanofiltration membranes and permeation of mixtures of macauba oil (<i>Acrocomia aculeata</i>) and CO ₂ . <i>Journal of Membrane Science</i> , 2015, 481, 195-206.	4.1	6
16	Evaluation of permeation of macauba oil and n-hexane mixtures through polymeric commercial membranes subjected to different pre-treatments. <i>Journal of Food Engineering</i> , 2015, 155, 79-86.	2.7	15
17	Evaluation of reverse osmosis and nanofiltration membranes performance in the permeation of organic solvents. <i>Journal of Membrane Science</i> , 2015, 492, 478-489.	4.1	31
18	Influence of different solvent and time of pre-treatment on commercial polymeric ultrafiltration membranes applied to non-aqueous solvent permeation. <i>European Polymer Journal</i> , 2015, 66, 492-501.	2.6	22

#	ARTICLE	IF	CITATIONS
19	Kinetics of ultrasound-assisted enzymatic biodiesel production from Macauba coconut oil. Renewable Energy, 2015, 76, 388-393.	4.3	67
20	Crossflow microfiltration of sugarcane juice: effects of processing conditions and juice quality. Food Science and Technology, 2014, 34, 210-217.	0.8	18
21	Role of Hyaluronic Acid on the Nucleation Kinetics of Calcium Oxalate Hydrates in Artificial Urine Quantified with Droplet Microfluidics. Crystal Growth and Design, 0, , .	1.4	4