

RenÃ© Ruby-Figueroa

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

688
citations

759233

12
h-index

580821

25
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28
all docs

28
docs citations

28
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanofiltration and Tight Ultrafiltration Membranes for the Recovery of Polyphenols from Agro-Food By-Products. <i>International Journal of Molecular Sciences</i> , 2018, 19, 351.	4.1	161
2	Current Role of Membrane Technology: From the Treatment of Agro-Industrial by-Products up to the Valorization of Valuable Compounds. <i>Waste and Biomass Valorization</i> , 2018, 9, 513-529.	3.4	95
3	Recovery of Flavonoids from Orange Press Liquor by an Integrated Membrane Process. <i>Membranes</i> , 2014, 4, 509-524.	3.0	61
4	Purification of galacto-oligosaccharides (GOS) by three-stage serial nanofiltration units under critical transmembrane pressure conditions. <i>Chemical Engineering Research and Design</i> , 2017, 117, 488-499.	5.6	47
5	Recent advances and perspectives of ultrasound assisted membrane food processing. <i>Food Research International</i> , 2020, 133, 109163.	6.2	43
6	Permeate flux prediction in the ultrafiltration of fruit juices by ARIMA models. <i>Journal of Membrane Science</i> , 2017, 524, 108-116.	8.2	34
7	Metal sulfide precipitation coupled with membrane filtration process for recovering copper from acid mine drainage. <i>Separation and Purification Technology</i> , 2021, 270, 118721.	7.9	33
8	Ultrafiltration of orange press liquor: Optimization of operating conditions for the recovery of antioxidant compounds by response surface methodology. <i>Separation and Purification Technology</i> , 2012, 98, 255-261.	7.9	29
9	Seawater desalination using PVDF-HFP membrane in DCMD process: assessment of operating condition by response surface method. <i>Chemical Engineering Communications</i> , 2019, 206, 237-246.	2.6	23
10	Prediction of Permeate Flux in Ultrafiltration Processes: A Review of Modeling Approaches. <i>Membranes</i> , 2021, 11, 368.	3.0	20
11	Impact of Membrane Pore Size on the Clarification Performance of Grape Marc Extract by Microfiltration. <i>Membranes</i> , 2019, 9, 146.	3.0	17
12	Recovery of Anthocyanins and Monosaccharides from Grape Marc Extract by Nanofiltration Membranes. <i>Molecules</i> , 2021, 26, 2003.	3.8	15
13	Impact of precipitate characteristics and precipitation conditions on the settling performance of a sulfide precipitation process: An exhaustive characterization of the aggregation behavior. <i>Hydrometallurgy</i> , 2019, 189, 105150.	4.3	13
14	Performance evaluation of mass transfer correlations in the GFMA process: A review with perspectives to the design. <i>Journal of Membrane Science</i> , 2018, 554, 140-155.	8.2	12
15	In-situ and real-time aggregation size evolution of copper sulfide precipitates using focused beam reflectance measurement (FBRM). <i>Powder Technology</i> , 2021, 380, 205-218.	4.2	12
16	Interaction of H ₂ O with (CuS) _n , (Cu ₂ S) _n , and (ZnS) _n small clusters (n=4, 6): relation to the aggregation characteristics of metal sulfides at aqueous solutions. <i>Journal of Molecular Modeling</i> , 2019, 25, 291.	1.8	11
17	Determination of Size Distribution of Precipitation Aggregates Using Non-Invasive Microscopy and Semiautomated Image Processing and Analysis. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 724.	2.0	10
18	Optimizing the SART process: A critical assessment of its design criteria. <i>Minerals Engineering</i> , 2020, 146, 106116.	4.3	10

#	ARTICLE	IF	CITATIONS
19	Enhancing the effectiveness of copper and cyanide recovery in gold cyanidation: A new integrated membrane process. Hydrometallurgy, 2021, 202, 105606.	4.3	8
20	Membrane Technology for the Recovery of High-Added Value Compounds From Meat Processing Coproducts. , 2019, , 127-143.		7
21	Changing the conventional clarification method in metal sulfide precipitation by a membrane-based filtration process. Journal of Materials Research and Technology, 2021, 11, 693-709.	5.8	7
22	Assessment of Industrial Modules to Design a GFMA Process for Cyanide Recovery Based on a Phenomenological Model. Processes, 2018, 6, 34.	2.8	6
23	Recovery of bruteridin and melitidin from clarified bergamot juice by membrane operations. Journal of Food Process Engineering, 2018, 41, e12870.	2.9	5
24	An Experimental Study of Membrane Contactor Modules for Recovering Cyanide through a Gas Membrane Process. Membranes, 2020, 10, 105.	3.0	5
25	A Multivariate Statistical Analyses of Membrane Performance in the Clarification of Citrus Press Liquor. ChemEngineering, 2019, 3, 10.	2.4	2
26	Integrated Membrane Process Coupled with Metal Sulfide Precipitation to Recover Zinc and Cyanide. Minerals (Basel, Switzerland), 2022, 12, 229.	2.0	2
27	8. Membrane operations in the sugar and brewing industry. , 2013, , 163-200.		0