

# 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  
g-index

28  
all docs

28  
docs citations

28  
times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Membrane Process Coupled with Metal Sulfide Precipitation to Recover Zinc and Cyanide. Minerals (Basel, Switzerland), 2022, 12, 229.	2.0	2
2	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
3	In-situ and real-time aggregation size evolution of copper sulfide precipitates using focused beam reflectance measurement (FBRM). Powder Technology, 2021, 380, 205-218.	4.2	12
4	Recovery of Anthocyanins and Monosaccharides from Grape Marc Extract by Nanofiltration Membranes. Molecules, 2021, 26, 2003.	3.8	15
5	Prediction of Permeate Flux in Ultrafiltration Processes: A Review of Modeling Approaches. Membranes, 2021, 11, 368.	3.0	20
6	Enhancing the effectiveness of copper and cyanide recovery in gold cyanidation: A new integrated membrane process. Hydrometallurgy, 2021, 202, 105606.	4.3	8
7	Metal sulfide precipitation coupled with membrane filtration process for recovering copper from acid mine drainage. Separation and Purification Technology, 2021, 270, 118721.	7.9	33
8	Optimizing the SART process: A critical assessment of its design criteria. Minerals Engineering, 2020, 146, 106116.	4.3	10
9	Recent advances and perspectives of ultrasound assisted membrane food processing. Food Research International, 2020, 133, 109163.	6.2	43
10	An Experimental Study of Membrane Contactor Modules for Recovering Cyanide through a Gas Membrane Process. Membranes, 2020, 10, 105.	3.0	5
11	Seawater desalination using PVDF-HFP membrane in DCMD process: assessment of operating condition by response surface method. Chemical Engineering Communications, 2019, 206, 237-246.	2.6	23
12	Impact of precipitate characteristics and precipitation conditions on the settling performance of a sulfide precipitation process: An exhaustive characterization of the aggregation behavior. Hydrometallurgy, 2019, 189, 105150.	4.3	13
13	Impact of Membrane Pore Size on the Clarification Performance of Grape Marc Extract by Microfiltration. Membranes, 2019, 9, 146.	3.0	17
14	Interaction of H <sub>2</sub> O with (CuS) <sub>n</sub> , (Cu <sub>2</sub> S) <sub>n</sub> , and (ZnS) <sub>n</sub> small clusters (n=4, 6): relation to the aggregation characteristics of metal sulfides at aqueous solutions. Journal of Molecular Modeling, 2019, 25, 291.	1.8	11
15	Membrane Technology for the Recovery of High-Added Value Compounds From Meat Processing Coproducts. , 2019, , 127-143.		7
16	A Multivariate Statistical Analyses of Membrane Performance in the Clarification of Citrus Press Liquor. ChemEngineering, 2019, 3, 10.	2.4	2
17	Determination of Size Distribution of Precipitation Aggregates Using Non-Invasive Microscopy and Semiautomated Image Processing and Analysis. Minerals (Basel, Switzerland), 2019, 9, 724.	2.0	10
18	Performance evaluation of mass transfer correlations in the GFMA process: A review with perspectives to the design. Journal of Membrane Science, 2018, 554, 140-155.	8.2	12

#	ARTICLE	IF	CITATIONS
19	Current Role of Membrane Technology: From the Treatment of Agro-Industrial by-Products up to the Valorization of Valuable Compounds. Waste and Biomass Valorization, 2018, 9, 513-529.	3.4	95
20	Recovery of bruteridin and melitidin from clarified bergamot juice by membrane operations. Journal of Food Process Engineering, 2018, 41, e12870.	2.9	5
21	Nanofiltration and Tight Ultrafiltration Membranes for the Recovery of Polyphenols from Agro-Food By-Products. International Journal of Molecular Sciences, 2018, 19, 351.	4.1	161
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	Purification of galacto-oligosaccharides (GOS) by three-stage serial nanofiltration units under critical transmembrane pressure conditions. Chemical Engineering Research and Design, 2017, 117, 488-499.	5.6	47
24	Permeate flux prediction in the ultrafiltration of fruit juices by ARIMA models. Journal of Membrane Science, 2017, 524, 108-116.	8.2	34
25	Recovery of Flavonoids from Orange Press Liquor by an Integrated Membrane Process. Membranes, 2014, 4, 509-524.	3.0	61
26	8. Membrane operations in the sugar and brewing industry. , 2013, , 163-200.		0
27	Ultrafiltration of orange press liquor: Optimization of operating conditions for the recovery of antioxidant compounds by response surface methodology. Separation and Purification Technology, 2012, 98, 255-261.	7.9	29