

NOMBRE: RENÉ ANDRÉS RUBY FIGUEROA

ESTUDIOS

ANTECEDENTES ACADÉMICOS	ÁREA DEL CONOCIMIENTO	INSTITUCIÓN	AÑO
TÍTULO PROFESIONAL	Ingeniero de Alimentos	Pontificia Universidad Católica de Valparaíso	2009
MAGÍSTER	---	---	---
DOCTORADO	Ciencia y Tecnología	Universidad de la Calabria, Italia	2013
OTROS ESTUDIOS	Postdoctorado	Institute on Membrane Technology (ITM-CNR), Italy	2013-2015

ACTIVIDADES DOCENTES

NIVEL	ESPECIALIDAD	INSTITUCIÓN	AÑO
PREGRADO	Curso PPS: Taller de Ciencia y Tecnología	Universidad Tecnológica Metropolitana	2019
POSTGRADOS	---	---	---
DOCTORADO	---	---	---
OTROS	Dirección de tesis de pre-grado (6 tesis)	Universidad Tecnológica Metropolitana	2016-2019

PUBLICACIONES últimos 5 años

TÍTULO	TIPO DE PUBLICACIÓN	AÑO
Optimizing the SART process: A critical assessment of its design criteria	WoS	2020
Determination of size distribution of precipitation aggregates using non-invasive microscopy and semiautomated image processing and analysis	WoS	2019
Impact of precipitate characteristics and precipitation conditions on the settling performance of a sulfide precipitation process: An exhaustive characterization of the aggregation behavior	WoS	2019
Impact of membrane pore size on the clarification performance of grape marc extract by microfiltration	WoS	2019
Interaction of H ₂ O with (CuS) _n , (Cu ₂ S) _n , and (ZnS) _n small clusters (n = 1–4, 6): relation to the aggregation characteristics of metal sulfides at aqueous solutions	WoS	2019
Seawater desalination using PVDF-HFP membrane in DCMD process: Assessment of operating condition by response surface method	WoS	2019
Recovery of bruteridin and melitidin from clarified bergamot juice by membrane operation	WoS	2018
Assessment of industrial modules to design a GFMA process for cyanide recovery based on a phenomenological model	WoS	2018
Performance evaluation of mass transfer correlations in the GFMA process: A review with perspectives to the design	WoS	2018
Nanofiltration and tight ultrafiltration membranes for the recovery of polyphenols from agro-food by-products	WoS	2018
Current role of membrane technology: From the treatment of agro-industrial by-products up to the valorization of valuable compounds	WoS	2018
Permeate flux prediction in the ultrafiltration of fruit juices by ARIMA models	WoS	2017
Purification of galacto-oligosaccharides (GOS) by three-stage serial nanofiltration units under critical transmembrane pressure conditions	WoS	2017
Ultrafiltration of Orange Press Liquor: Effect of Operating Conditions on Membrane Fouling and Permeate Flux	WoS	2015
A two-Step nanofiltration process for the production of phenolic-rich fraction from artichoke aqueous extract	WoS	2015

Recovery of flavonoids from orange press liquor by an integrated membrane process	WoS	2014
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PROYECTOS DE INVESTIGACIÓN N PROYECTOS CONCURSABLES últimos 5 años

NOMBRE	ROL	AÑO
Fondecyt de Iniciación N°11160131: "Process intensification for recovery of polyphenols from grape marc by integration of ultrasound-assisted extraction and membrane fractionation"	Investigador responsable	2016
FONDEF ID17I10021 "Proceso integrado de separación por membranas para la recuperación de cianuro y metales de valor en la minería de oro y plata"	Co-investigador	2016
FIA-PYT-2016-0614 "Obtención de ingredientes funcionales mediante tecnologías limpias a partir de desechos agroindustriales para la formulación de alimentos saludables"	Co-investigador	2016