

Producción por LGAC – Artículos

El programa contempla 5 LGAC, en todas ellas existen profesores del NAB activos y estudiantes graduados y activos. La productividad respecto de artículos publicados de estas LGAC se describe a continuación.

LGAC – Evaluación de propiedades termodinámicas y de transporte

autor	año de publicación	Título	Tipo de Artículo	Revista de Publicación	Lista de autores
MARIANA RAMOS ESTRADA	2018	Interfacial properties of the ionic liquid [bmim] [triflate] over a wide range of temperatures	Revista indizada	RSC ADVANCES	Jose L. Rivera, Luis Molina-Rodríguez, Mariana Ramos-Estrada, Pedro Navarro-Santos and Enrique Lima
LUIS FERNANDO LIRA BARRAGAN	2017	Optimal location of biorefineries considering sustainable integration with the environment	Revista indizada	Renewable Energy	Dulce Celeste López-Díaz Luis Fernando Lira-Barragán Eusiel Rubio-Castro José María Ponce-Ortega Mahmoud M.El-Halwagi
MARIANA RAMOS ESTRADA	2017	Densities and Viscosities for Binary Liquid Mixtures of n-Undecane + 1-Propanol, + 1-Butanol, + 1-Pentanol, and + 1-Hexanol from 283.15 to 363.15 K at 0.1 MPa	Revista indizada	Journal of Chemical Engineering Data	Gustavo A. Iglesias-Silva*, Adriana Guzmán-López, and Guadalupe Pérez-Durán, Mariana Ramos-Estrada
JOSÉ APOLINAR CORTÉS	2016	Effect of the anatase-rutile contact in gas phase toluene photodegradation quantum efficiency	Revista indizada	Chemical Engineering Journal	Uriel Caudillo-Flores Mario J. Muñoz-Batista Francisco Ung-Medina Gabriel Alonso-Núñez Anna Kubacka José A. Cortés Marcos Fernández-García
JOSÉ APOLINAR CORTÉS	2016	Enhanced photocatalytic activity of MWCNT/TiO ₂ heterojunction photocatalysts obtained by microwave assisted synthesis	Revista indizada	Catalysis Today	U. Caudillo-Flores J. Lara-Romero J. Zárate-Medina M.J. Muñoz-Batista R. Huirache-Acuña E.M. Rivera-Muñoz J.A. Cortés
JOSÉ APOLINAR CORTÉS	2016	Gas phase 2-propanol degradation using titania photocatalysts: Study of the quantum efficiency	Revista indizada	Applied Catalysis B: Environmental	Mario J. Muñoz-Batista, Uriel Caudillo-Flores, Francisco Ung-Medina, Ma. del Carmen Chávez-Parga, José A. Cortés, Anna Kubacka, Marcos Fernández-García
LUIS FERNANDO LIRA BARRAGAN	2016	Optimal Synthesis of Refinery Property-Based Water Networks with Electrocoagulation Treatment Systems	Revista indizada	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	Javier Tovar-Facio, Luis F. Lira-Barragan, Fabricio Nápoles-Rivera, Hisham S. Bamufleh, José M. Ponce-Ortega, and Mahmoud M. El-Halwagi
LUIS FERNANDO LIRA BARRAGAN	2016	Optimal Water Management under Uncertainty for Shale Gas Production	Revista indizada	Industrial and Engineering Chemistry Research	Lira-Barragán, L.F., Ponce-Ortega, J.M., Guillén-Gosálbez, G., El-Halwagi, M.M.
LUIS FERNANDO	2016	Optimal reuse of flowback	Revista indizada	AIChE Journal	Javier Tovar-Facio,

LIRA BARRAGAN		wastewater in hydraulic fracturing including seasonal and environmental constraints			
LUIS FERNANDO LIRA BARRAGAN	2016	Total Heat Integration in the Biobutanol Separation Process	Revista indizada	Industrial and Engineering Chemistry Research	González-Bravo, R., Sánchez-Ramírez, E., Quiroz-Ramírez, J.J., (...), Lira-Barragán, L.F., Ponce-Ortega, J.M.
JOSÉ APOLINAR CORTÉS	2015	Advantages of Hydrothermal Synthesis to Produce Tunable TiO2 Nanomicro Sized Photocatalysts and Their Effect in Lignin Degradation,	Revista indizada	World Scientific Publishing Company	
JOSÉ APOLINAR CORTÉS	2015	Experimental Methodology to Calculate the Local Relative Light Intensity in Heterogeneous TiO2/UV-A Photocatalytic Reactors, ISSN:	Revista indizada	Chemical Engineering Research and Design	
LUIS FERNANDO LIRA BARRAGAN	2015	Reduction of greenhouse gas emissions from steam power plants through optimal integration with algae and cogeneration systems	Revista indizada	Clean Technologies and Environmental Policy	Lira-Barragán, L.F., Gutiérrez-Arriaga, C.G., Bamufleh, H.S., (...), Serna-González, M., El-Halwagi, M.M.
LUIS FERNANDO LIRA BARRAGAN	2015	Synthesis of EcoIndustrial Parks Interacting with a Surrounding Watershed	Revista indizada	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	López-Díaz, D.C., Lira-Barragán, L.F., Rubio-Castro, E., Ponce-Ortega, J.M., El-Halwagi, M.M.
MARIANA RAMOS ESTRADA	2015	Correlations for the prediction of the density and viscosity of 1-alcohols at high pressures	Revista indizada	Fluid Phase Equilibria	José J.Cano-Gómez Gustavo A.Iglesias-Silva MarianaRamos-Estrada
MARIANA RAMOS ESTRADA	2015	Densities and viscosities of binary mixtures of n-decane + 1-pentanol, + 1-hexanol, + 1-heptanol at temperatures from 293.15 to 363.15 K and atmospheric pressure	Revista indizada	Chinese Journal of Chemical Engineering	AlejandroEstrada-Baltazar1Micael GerardoBravo-Sanchez1Gustavo ArturoIglesias-Silva1Juan Francisco JavierAlvarado1Edgar OmarCastrejon-Gonzalez1MarianaRamos-Estrada2