

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 –Ingeniería de Procesos Químicos

Detalle								
Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
JOSE MARIA PONCE ORTEGA	2018	Revistas Indizadas	Balancing stakeholder priorities in the operation of combined heat and power systems	Applied Thermal Engineering				Victor M. Zavala null José María Ponce Ortega , Luis Fabian Fuentes Cortes ,
Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
JOSE MARIA PONCE ORTEGA	2018	Revistas Indizadas	Optimal production of power from mid-temperature geothermal sources: Scale and safety issues	Energy Conversion and Management				Juan Martinez-Gomez null Mariano Martín null , José María Ponce-Ortega null , Javier Peña-Lamas null ,
JOSE MARIA PONCE ORTEGA	2018	Revistas Indizadas	Perspectives for Implementing Distributed Generation in Developing Countries through Modeling Techniques	ACS SUSTAINABLE CHEMISTRY & ENGINEERING				Jose Maria Ponce-Ortega null Luis Fabian Fuentes-Cortes null ,
JOSE MARIA PONCE ORTEGA	2018	Revistas Indizadas	Thermo-economic-environmental optimization of a liquid separation condensation-based organic Rankine cycle driven by waste heat	Journal of Cleaner Production				José María Ponce- Ortega null Xianglong Luo null , Chao Wang null , Zhi Yang null , Zhitong Yi null , Ying Chen null , Jianyong Chen null ,
JOSE MARIA PONCE ORTEGA	2018	Revistas Indizadas	Valuation of water and emissions in energy systems	Applied Energy				Luis Fabián Fuentes-Cortés null Yan Ma null , Gerardo Ruiz-Mercado null , Jose María Ponce- Ortega null , Victor M. Zavala null ,
AGUSTIN JAIME CASTRO MONTOYA	2017	Revistas Indizadas	ASSESSMENT OF DIFFERENT SACCHARIFICATION AND FERMENTATION CONFIGURATIONS FOR ETHANOL PRODUCTION FROM AGAVE LECHUGUILLA	BIORESOURCES				JOSE A RODRIGUEZ-DE LA GARZA null DENISS I DIAZ BLANCO , THELMA K. MORALES MARTINEZ , GERMAN AROCA null , AGUSTIN J CASTRO-MONTOYA null , JOSE MORLETT CHAVEZ , LEOPOLDO J RIOS-GONZALEZ null , JULIAN QUINTERO null ,

AGUSTIN JAIME CASTRO MONTOYA	2017	Revistas Indizada s	Autohydrolysis pretreatment assessment in ethanol production from agave bagasse	Bioresource Technology				DAVID CASTILLO- QUIROZ null LEOPOLDO J RIOS- GONZALEZ null , JOSE A RODRIGUEZ-DE LA GARZA null , ALFREDO MARTINEZ null , MARIA F RODRIGUEZ- FLORES null , THELMA K. MORALES-MARTINEZ null , AGUSTIN J CASTRO- MONTOYA null ,
AGUSTIN JAIME CASTRO MONTOYA	2017	Revistas Indizada s	Characterization of ligninolytic enzyme production in white-rot wild fungal strains	3 Biotech				ROSA MARIA DAMIAN- ROBLES null MARINA ARREDONDO-SANTOYO , GERARDO VAZQUEZ- MARRUFO null , AGUSTIN JAIME
Autor	Año de publicació	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
			suitable for kraft pulp bleaching					CASTRO-MONTOYA null , MA SOLEDAD VAZQUEZ- GARCIDUEÑAS null , JAIME SAUCEDO-LUNA null ,
AGUSTIN JAIME CASTRO MONTOYA	2017	Revistas Indizada s	Control properties of hybrid distillation processes for the separation of biobutanol	Journal of Chemical Technology and Biotechnolo gy				SALVADOR HERNANDEZ null AGUSTIN J CASTRO- MONTOYA null , HERIBERTO ALCOCER- GARCIA null , EDUARDO SANCHEZ-RANIREZ , JUAN JOSE QUIROZ- RAMIREZ null , MASSIMILIANO ERRICO null , JUAN GABRIEL SEGOVIA-HERNANDEZ null , CESAR RAMIREZ- MARQUEZ null ,
AGUSTIN JAIME CASTRO MONTOYA	2017	Revistas Indizada s	In Focus: Biotechnology and chemical technology for biorefineries and biofuel production	Journal of Chemical Technology and Biotechnolo gy				AGUSTIN J CASTRO- MONTOYA null ALFREDO MARTINEZ null , MARCO RITO- PALOMARES null ,
AGUSTIN JAIME CASTRO MONTOYA	2017	Revistas Indizada s	SIMULTANEOUS SACCHARIFICATI ON OF PINE SAWDUST (Pinus pseudostrobus L.) pretreated nitric acid and sodium hydroxide for bioethanol production	BIORESOUR CES				JOSE GUADALUPE RUTIAGA-QUIÑONES null AGUSTIN JAIME CASTRO- MONTOYA null , ULISES VELAZQUEZ- VALADEZ null , JUAN CARLOS FARIAS- SANCHEZ null , ARTEMIO CARRILLO- PARRA null , MARIA GUADALUPE PINDEA- PIMENTEL null , ALFONSO VARGAS- SANTILLAN null , JAVIER LOPEZ-MIRANDA null ,
FABRICIO NAPOLES RIVERA	2017	Revistas Indizada s	Optimal Planning for Sustainable Production of Avocado in Mexico	Process Integration and Optimizatio n for Sustainabilit y				Fabricio Nápoles Rivera José María Ponce Ortega , Mahmoud El-Halwagi null , Janet Betzabe González Campos , Joan Cristian González Estudillo ,
FABRICIO NAPOLES RIVERA	2017	Revistas Indizada s	Optimization of the production of syngas from shale gas with economic and safety considerations	Applied Thermal Engineering		X	2	Juan Martínez-Gomez, Fabricio Nápoles-Rivera, José María Ponce- Ortega, Mahmoud M El- Halwagi

FABRICIO NAPOLES RIVERA	2017	Revistas Indizadas	Strategic Planning for Managing Municipal Solid Wastes with Consideration of Multiple Stakeholders	ACS SUSTAINABLE CHEMISTRY & ENGINEERING				Mahmoud M. El-Halwagi null Fabricio Napoles-Rivera null , Jose Maria Ponce-Ortega null , Jose Ezequiel Santibanez-Aguilar null , Neyara Radwan null , Alicia Danae Diaz-Barriga-Fernandez null ,
FABRICIO NAPOLES RIVERA	2017	Revistas Indizadas	Thermal integration of natural gas combined cycle power plants with CO ₂ capture systems	Energy Conversion and Management				Medardo Serna-González null Gerardo Geovanni Esquivel-Patiño null , Fabricio Nápoles-Rivera null ,
Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores

			and organic Rankine cycles					
JOSE MARIA PONCE ORTEGA	2017	Revistas Arbitradas	Análisis de los factores que influyen en el diseño y control óptimo de sistemas de poligeneración: Revisión.	Ciencia Nicolaita.		X	3	1. Fuentes-Cortes, L.F. 2. Zavala, V.M. 3. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	A multi-objective optimization approach for the selection of working fluids of geothermal facilities: Economic, environmental and social aspects	Journal of Environmental Management				Juan Peña null José María Ponce Ortega , Juan Martínez Gomez , Mariano Martín null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	An MINLP model for sustainable water management in macroscopic systems: Integrating	ACS Sustainable Chemistry and Engineering		X	3	1 Garibay-Rodríguez, J. 2 Rico-Ramírez, V. 3 Ponce-Ortega, J.M.
Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores

			optimal resource management to the synthesis of distributed treatment systems. DOI: 10.1021/acssuschemeng.6b02128.					
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	An Optimization Approach for the Sustainable Water Management at Macroscopic Level Accounting for the Surrounding Watershed. ISSN: 1618-9558 (IF 2015: 1.934).	Clean Technologies and Environmental Policy				Esbeydi Villicaña-García null José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Analysis of carbon policies in the optimal design of domestic cogeneration systems involving biogas consumption. DOI: 10.1021/acssuschemeng.7b00524	ACS Sustainable Chemistry and Engineering				José María Ponce-Ortega null Luis Fabian Fuentes-Cortes null , Medardo Serna-González null ,

JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Análisis de los factores que influyen en el diseño y control óptimo de sistemas de poligeneración: Revisión.	Ciencia Nicolaita.				Luis Fabian Fuentes-Cortes null Víctor M. Zavala null , José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Defining priorities in the design of power and water distribution networks.	Energy				José María Ponce Ortega Luis Fabian Fuentes Cortes , Ramon Gonzalez Bravo ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Dynamic optimization for the planning of a waste management system involving multiple cities	Journal of Cleaner Production				Antonio Flores Tlacuahuac Martin Rivera Toledo , José María Ponce Ortega , José Ezequiel Santibañez Aguilar ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Environmental, technical, and economic evaluation of a new treatment for wastewater from slaughterhouses	Internationa l Journal of Environmen tal Research				Ma del Carmen Chavez Parga Sergio Ivan Martinez Guido , Claudia Palomares Rodriguez , C.C. Garcia Castillo , José María Ponce Ortega , Jose Apolinar Cortes ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Intensification for the silane production involving economic and safety objectives. (IF 2015: 2.587). DOI: 10.1021 /acs.iecr. 6b02882.	Industrial and Engineering Chemistry Research		X	5	1 Martinez-Gomez, J. 2 Ramirez-Marquez, C. 3 Alcantara.Avila, J. 4 Segovia-Hernandez, J. G. 5 Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Involving environmental assessment in the optimal design of domestic cogeneration systems.	Process Integration and Optimizatio n for Sustainabilit y.				Victoria Morales-Duran null Mahmoud M. El-Halwagi null , Luis Fabian Fuentes-Cortes null , Margarita Gonzalez-Brambilla null , José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Mathematical optimization of a supply chain for the production of fuel pellets from residual biomass. ISSN: 1618-9558 (IF 2015: 1.934).	Clean Technologie s and Environmen tal Policy		X	3	1. Méndez-Vázquez, M. A. 2. Gómez-Castro, F.I. 3. Ponce-Ortega, J.M. 4. Serafín-Muñoz, A.H. 5. Santibañez-Aguilar, J. E. 6. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Mixed Integer nonlinear programming model ofr sustainable water management in macroscopic systems: Integrating optimal resource management to the synthesis of distributed treatment systems. DOI: 10.1021 /acssuschemng. 6b02128.	ACS Sustainable Chemistry and Engineering				Jaime Garibay- Rodriguez null Vicente Rico-Ramirez null , José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Optimal design of cogeneration systems to use uncertain flare streams. DOI: 10.1021/acs.iecr. 7b00679.	Industrial and Engineering Chemistry Research.				MAHmoud El-Halwagi null Javier Tovar-Facio null , José María Ponce- Ortega null , Fadwa Eljack null ,

JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal design of energy and water supply systems for low-income communities involving multiple-objectives	Energy Conversion and Management				Luis Fabian Fuentes Cortes José María Ponce Ortega ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal design of energy systems involving pollution treading through forest plantations.(IF 2015: 4.642). DOI: 10.1021 (acssuschemeng. 6b02928.	ACS Sustainable Chemistry and Engineering		X	4	1 Sánchez-Bautista, A.F. 2 Santibañez-Aguilar, J. E. 3 You, F. 4 Ponce-Ortega, J.M.
Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal design of energy systems involving pollution treading through forest plantations.(IF 2015: 4.642). DOI: 10.1021 (acssuschemeng. 6b02928.	ACS Sustainable Chemistry and Engineering				Fengqi You null José María Ponce-Ortega null , José Ezequiel Santibañez-Aguilar null , Aurora de Fatima Sanchez-Bautista null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal design of multi-plant cogeneration systems with uncertain flaring and venting. ISSN: 2168-0485 (IF 2015: 4.642).	ACS Sustainable Chemistry and Engineering		X	3	1. Tovar-Facio, J. 2. Eljack, F. 3. Ponce-Ortega, J.M. 4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal design of water desalination systems involving waste heat recovery. (IF 2015: 2.587). DOI: 10.1021 /acs.iecr. 6b04725.	Industrial and Engineering Chemistry Research		X	2	1 González-Bravo, R. 2 Ponce-Ortega, J.M. 3 El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal location of biorefineries considering sustainable integration with the environment. (IF-2015: 3.476). ISSN:0960.1481. DOI: 10.1016/j. renene. 2016.05.028.	Renewable Energy		X	4	1. López-Díaz, D.C. 2. Lira-Barragán, L.F. 3. Rubio-Castro, E. 4. Ponce-Ortega, J.M. 5. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal planning for sustainable production of avocado in Mexico. DOI: 10.1007 /s41660-017-008-z	Process Integration and Optimization for Sustainability				MAhmond M. El- Halwagi null Fabricio Napoles-Rivera null , Joan Gonzalez-Estudillo null , José María Ponce- Ortega null , J. Betzabe Gonzalez-Campos null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizadas	Optimal planning for the supply chain of biofuels	Clean Technologies and				Julio De-Lira-Flores null Claudia Gutierrez- Antonio null , Saul
			for aviation in Mexico. DOI: 10.1007 /s10098-017-1337-x.	Environmental Policy				Dominguez-Garcia null , José María Ponce-Ortega null ,

JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Optimal selection of feedstock for biobutanol production considering economic and environmental aspects	ACS Sustainable Chemistry and Engineering				Juan Jose Quiroz- Ramirez null Eduardo Sanchez-Ramirez null , Juan Gabriel Segovia- Hernandez null , Salvador Hernandez null , José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Optimal water management in macroscopic systems under economic penalty scenarios	AIChE Journal				Jaime Garibay-Rodriguez null Jose M. Ponce-Ortega null , Vicente Rico-Ramirez null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Optimization of the production of syngas from shale gas with economic and safety considerations. (IF-2015: 3.043). ISSN: 1359-4311. DOI:10.1016/j.applthermaleng.2016.08.201. http://www.sciencedirect.com/science/article/pii/S1359431116315605.	Applied Thermal Engineering		X	3	1. Martinez-Gomez, J. 2. Nápoles-Rivera, F. 3. Ponce-Ortega, J.M. 4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Optimization of the production of syngas from shale gas with economic and safety considerations. (IF-2015: 3.043). ISSN: 1359-4311. DOI:10.1016/j.applthermaleng.2016.08.201. http://www.sciencedirect.com/science/article/pii/S1359431116315605.	Applied Thermal Engineering				Fabircio Napoles-Rivera null José María Ponce-Ortega null , Juan Martinez-Gomez null , Mahmoud M. El-Halwagi null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Strategic Planning for the Supply Chain of Aviation Biofuel with Consideration of Hydrogen Production	Industrial and Engineering Chemistry Research				Claudia Gutiérrez- Antonio null Julio Armando De Lira-Flores null , Saúl Domínguez- García null , Mahmoud M. El-Halwagi null , José María Ponce- Ortega null ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada	Strategic planning for managing	ACS Sustainable				Neyara Radwan null Fabricio Napoles Rivera
Autor	Año de publicació	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
		s	municipal solid wastes with consideration of multiple stakeholders.	Chemistry & Engineering				. Mahmoud El-Halwagi null , Alicia Danae Diaz-Barriga Fernandez . José Ezequiel Santibañez Aguilar ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Sustainable optimization of food networks in disenfranchised communities	ACS Sustainable Chemistry & Engineering				Mahmoud M. El-Halwagi null J. Betzabe González Campos , Sergio Ivan Martinez Guido , José María Ponce Ortega ,
JOSE MARIA PONCE ORTEGA	2017	Revistas Indizada s	Thermo- economic analysis and optimization of a zeotropic fluid organic Rankine cycle with liquid-vapor separation during condensation. DOI: 10.1016/j.enconman.2017.06.002	Energy Conversion and Managemen t				G. Guo null José María Ponce-Ortega null , C. Wang null , Z. Liang null , X. Luo null , Mahmoud M. El-Halwagi null ,

MA. DEL CARMEN CHAVEZ PARGA	2017	Revistas Indizada s	Polyphenolic content and bactericidal effect of Mexican Citrus limetta and Citrus reticulata	J Food Sci Technol		X	5	Andres Alejandro Damian-Reyna Juan Carlos Gonzalez-Hernandez Rafael Maya-Yescas Consuelo de Jesus Cortes-Penagos Ma. del Carmen Chaz vez-Parga
MEDARDO SERNA GONZALEZ	2017	Revistas Indizada s	ζThermal integration of natural gas combined cycle power plants with CO2 capture systems and organic Rankine cyclesζ.	Energy Conversion and Managemen t				
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizada s	Comparación de Modelos Termodinámicos en el Análisis Topológico de Mezclas	REVISTA DE LA FACULTAD DE CIENCIAS QUÍMICAS				ALVARO GOMEZ null AGUSTIN CASTRO null , CARLOS CARDONA null , ASHLEY CABALLERO null , BLANCA GARCIA null , YURI PISARENKO null , HECTOR FORERO null ,
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizada s	Control properties of hybrid distillation processes for the separation of biobutanol	Journal of Chemical Technology & Biotechnolo gy		X	8	Eduardo Sánchez-Ramírez, Heriberto Alcocer-García, Juan José Quiroz-Ramírez, César Ramírez- Márqueza, Juan Gabriel Segovia-Hernández, Salvador Hernández, Massimiliano Errico, Agustín J. Castro-Montoya
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizada s	Dehydration of Ethanol by PSA Process with Pressure Equalization Step Added	Bioethanol		X	6	Luz Elena Gomar- Madriz, Jaime Saucedo Luna, Medardo Serna-González, Salvador Hernández-Castro, Agustin Jaime Castro-Montoya
Autor	Año de publicació	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizada s	Experimental study of the production of high purity ethanol using a semi-continuous extractive batch dividing wall distillation column	Chemical Engineering and Processing: Process Intensificati on				ULISES MIGUEL GARCIA-VENTURA null Agustin Jaime CASTRO- MONTOYA Castro Montoya , SALVADOR HERNANDEZ null , FABRICIO OMAR BARROSO-MUÑOZ null ,
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizada s	Financial Risk Assess1053ent and Optimal Planning of Biofuels Supply Chains under Uncertainty	BioEnergy Research				GONZALO GUILLEN-GOSALBEZ null JOSE MARIA PONCE-ORTEGA null , RICARDO MORALES-RODRIGUEZ null , Agustin Jaime CASTRO-MONTOYA , LAUREANO JIMENEZ-ESTELLER null , JOSE EZEQUIEL SANTIBAÑEZ-AGUILAR null ,
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizada s	Olefins and Ethanol from Polyolefins: Analysis of Potential Chemical Recycling of Poly (ethylene) Mexican Case	Internationa l Journal of Chemical Reactor Engineering				A. VARGAS-SANTILLAN null J.C. FARIAS-SANCHEZ null , A.J. CASTRO-MONTOYA null , M.G. PINEDA-PIMENTEL null ,

AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizadas	Production of Fermentable Sugars and Hydrogen-Rich Gas from Agave tequilana Biomass	BIOENERGY RESEARCH				JOSE GUADALUPE RUTIAGA-QUIÑONES null JAIME SAUCEDO- LUNA null , ULISES VELAZQUEZ-VALADEZ null , ALFONSO VARGAS-SANTILLAN null , JUAN CARLOS FARIAS-SANCHEZ null , Agustin Jaime CASTRO-MONTOYA Castro Montoya , MARIA GUADALUPE PINEDA- PIMENTEL null , ERICK ALEJANDRO MENDOZA-CHAVEZ null ,
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizadas	SIMULATION OF THE BIOETHANOL PRODUCTION PROCESS FROM A MIXTURE OF GLUCOSE/XYLOSE INCLUDING TEMPERATURE, PH AND SUGAR CONCENTRATION EFFECTS	Revista Mexicana de Ingeniería Química		X	4	J.N. Reyes-Valadez, P.A. Quintana-Hernandez, C. Coronado-Velasco y A. J. Castro-Montoya
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizadas	Tequilana weber agave bagasse enzymatic hydrolysis for the production of fermentable sugars: Oxidative- alkaline pretreatment and kinetic modeling	BioEnergy Research				ALFONSO VARGAS-SANTILLAN null JUAN CARLOS FARIAS-SANCHEZ null , Agustin Jaime CASTRO-MONTOYA Castro Montoya , ULISES VELAZQUEZ-VALADEZ null ,
AGUSTIN JAIME CASTRO MONTOYA	2016	Revistas Indizadas	Thermodynamic Analysis of Ethanol Synthesis from Glycerol by Two-Step Reactor Sequence	International Journal of Chemical Reactor Engineering				AGUSTIN J CASTRO-MONTOYA null RAFAEL MAYA-YESCAS null , JAIME SAUCEDO-LUNA , JESUS CAMPOS-GARCIA null , NANCY E RODRIGUEZ-OLALDE null , ERICK A. MENDOZA-CHAVEZ null ,
FABRICIO NAPOLES RIVERA	2016	Revistas Indizadas	Environmental and economic analysis for the optimal reuse of water in a residential complex	Journal of Cleaner Production				Mahmoud M. El-Halwagi null Mariana García-Montoya null , Fabricio Nápoles-Rivera null , José María Ponce- Ortega null , Debalina Sengupta null ,
FABRICIO NAPOLES RIVERA	2016	Revistas Indizadas	Life cycle assessment for Ambrox ^{<sup>®</sup>} production from different chemical routes	Journal of Cleaner Production				Mahmoud M. El-Halwagi null Rosa E. Del Río null , José María Ponce-Ortega null , Fabricio Nápoles-Rivera null , J. Betzabe González-Campos null , Debalina Sengupta null , Sergio Iván Martínez-Guido null ,
FABRICIO NAPOLES RIVERA	2016	Revistas Indizadas	Multiobjective Optimization of Dual-Purpose Power Plants and Water Distribution Networks	ACS SUSTAINABLE CHEMISTRY & ENGINEERING				Jose Maria Ponce-Ortega null Mahmoud M. El-Halwagi null , Ramon Gonzalez-Bravo null , Fabricio Napoles- Rivera null ,
FABRICIO NAPOLES RIVERA	2016	Revistas Indizadas	Optimal Synthesis of Refinery Property-Based Water Networks with Electrocoagulation Treatment Systems	ACS SUSTAINABLE CHEMISTRY & ENGINEERING				Javier Tovar-Facio null Mahmoud M. El-Halwagi null , Hisham S. Bamufleh null , Fabricio Napoles-Rivera null , Jose M. Ponce-Ortega null , Luis F. Lira- Barragan null ,

FABRICIO NAPOLES RIVERA	2016	Revistas Indizadas	Optimal reconfiguration of a sugar cane industry to yield an integrated biorefinery	Clean Technologies and Environmental Policy				Sergio I. Martínez-Guido null Fabricio Nápoles-Rivera null , Mahmoud M. El-Halwagi null , José M. Ponce-Ortega null , J. Betzabe González-Campos null ,
JAVIER LARA ROMERO	2016	Revistas Indizadas	SYNTHESIS AND TRIBOLOGICAL PERFORMANCE OF CARBON NANOSTRUCTURES FORMED ON AISI 316 STAINLESS STEEL SUBSTRATES	TRIBOLOGY LETTERS				Omar Jiménez-Aleman null José Lemus-Ruiz null , Roberto Sagaro- Zamora null , Javier Lara-Romero null , Fernando Chifas-Castillo null , Sergio Jiménez-Sandoval null , Francisco Paraguay-Delgado null , Reynier Suárez-Martínez null , Teoxahual Ocampo-
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	ENVIRONMENTAL AND ECONOMIC ANALYSIS FOR THE OPTIMAL REUSE OF WATER IN A RESIDENTIAL COMPLEX. ISSN: 0959-6526 (IF 2015: 3.844). doi:10.1016/j.jclepro.2015.06.109. http://www.sciencedirect.com/science/article/pii/S0959652615008422.	Journal of Cleaner Production		X	4	1. García-Montoya, M. 2. Sengupta, D. 3. Nápoles-Rivera, F. 4. Ponce-Ortega, J.M. 5. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Economic and environmental evaluation of the biobutanol purification process. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-015-1024-8. ISSN: 1618-9558 (IF 2015: 1.934). http://link.springer.com/article/10.1007/s10098-015-1024-8.	Clean Technologies and Environmental Policy				Eduardo Sanchez-Ramirez null Juan José Quiroz-Ramirez null , José María Ponce-Ortega null , Salvador Hernandez null , Juan Gabriel Segovia-Hernandez null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Financial risk assessment and optimal planning of biofuels supply chains under uncertainty. (IF-2015: 3.541). ISSN: 1939-1242. DOI: 10.1007/s12155-016-9743-1. http://link.springer.com/article/10.1007/s12155-016-9743-1	BioEnergy Research		X	6	1. Santibañez-Aguilar, J. E. 2. Guillen-Gosálvez, G. 3. Morales-Ridriguez, R. 4. Jimenez-Esteller, L. 5. Castro-Montoya, A.J. 6. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Integrated design and control of multigeneration systems for building complexes. (IF-2015: 4.844) ISSN:0360-5442.	Energy		X	5	1. Fuentes-Cortes, L.F. 2. Dowling, A.W. 3. Rubio-Maya, C. 4. Zavala, V.M. 5. Ponce-Ortega, J.M.

JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Integrated design and control of multigeneration systems for building complexes. (IF-2015: 4.844) ISSN:0360-5442.	Energy				Luis Fabian Fuentes-Cortes null José María Ponce-Ortega null , Alex W. Dowling null , Victor M. Zavala null , Carlos Rubio-Maya null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Involving economic, environmental and safety issues in the optimal purification of biobutanol. : 0957-5820. (IF-2015: 2.551) DOI: 10.1016/j.psep.2016.04.018. http://www.sciencedirect.com/science/article/pii/S0957582016300350	Process Safety and Environmental Protection.				Juan Martinez-Gomez null Juan José Quiroz- Ramirez null , Mahmoud M. El-Halwagi null , José María Ponce- Ortega null , Eduardo Sanchez-Ramirez null , Juan Gabriel Segovia-Hernandez null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Life cycle assessment for ambrox® production from different chemical routes. ISSN: 0959-6526 (IF 2015: 3.844). doi:10.1016/j.jclepro.2015.11.031. http://www.sciencedirect.com/science/article/pii/S0959652615016716 .	Journal of Cleaner Production		X	6	1. Martinez-Guido, S.I. 2. Sengupta, D. 3. Nápoles-Rivera, F. 4. González-Campos, J.B. 5. del Rio, R.E. 6. Ponce-Ortega, J.M. 7. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Multi-objective optimization of dual purpose power plants and water distribution networks. In press. ISSN: 2168-0485 (IF 2015: 4.642).	ACS Sustainable Chemistry and Engineering		X	3	1. González-Bravo, R. 2. Nápoles-Rivera, F. 3. Ponce-Ortega, J.M. 4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Multi-objective optimization of the supply chain of biofuels from residues of the tequila industry in Mexico. ISSN: 0959-6526 (IF 2015: 3.844). doi:10.1016/j.jclepro.2015.08.052.	Journal of Cleaner Production		X	3	1. Murillo-Alvarado, P.E. 2. Guillén-Gosálbez, G. 3. Ponce-Ortega, J.M. 4. Castro-Montoya, A.J. 5. Serna-González, M. 6. Jiménez, L.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	OPTIMAL DESIGN OF INTEGRATED AGRICULTURAL WATER NETWORKS. ISSN: 0098-1354. (IF 2015: 2.784). doi:10.1016/j.compchemeng.2015.08.006. http://www.sciencedirect.com/science/article/pii/S0098135415002677 .	Computers and Chemical Engineering		X	2	1. Rubio-Castro, E. 2. Ponce-Ortega, J.M. 3. Cervantes-Gaxiola, M.E. 4. Hernandez-Calderon, O.M. 5. Ortiz-del-Castillo, J.R. 6. Milan-Carrillo, J. 7. Hernandez-Martinez, J.F. 8. Meza-Contreras, J.A.

JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal design of distributed algae-based biorefineries using CO2 emissions from multiple industrial plants. ISSN: 0888-5885.	Industrial and Engineering Chemistry Research		X	2	1. Hernández-Calderón, O.M. 2. Ponce-Ortega, J.M. 3. Ortiz-del-Castillo, J. R. 4. Cervantes-Gaxiola, M.E. 5. Milán-Carrillo, J. 6. Serna-González, M. 7. Rubio-Castro, E.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal design of distributed algae-based biorefineries using CO2 emissions from multiple industrial plants. ISSN: 0888-5885.	Industrial and Engineering Chemistry Research				Medardo Serna- Gonzalez null Eusiel Rubio-Castro null , Martiza E. Cervantes-Gaxiola null , Jesus Raul Ortiz-del-Castillo null , Oscar Martin Hernandez-Calderon null , José María Ponce- Ortega null , Jorge Milan-Carrillo null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal design of inherently safer domestic CHP systems. ISSN: 0196-8904. (IF-2015: 4.380). DOI:10.1021/acssuschemeng.5b00941. http://pubs.acs.org/doi/abs/10.1021/acssuschemeng.5b00941.	ACS Sustainable Chemistry and Engineering		X	3	1. Fuentes-Cortés, L.F. 2. Martinez-Gomez, J. 3. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal design of integrated solar power plants accounting for the thermal storage system and CO2 mitigation through an algae system. ISSN: 0888-5885. (IF 2015: 2.587).	Industrial and Engineering Chemistry Research		X	5	1. Hernández-Martínez, J.F. 2. Rubio-Castro, E. 3. Serna-González, M. 4. El-Halwagi, M.M. 5. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal design of integrated solar power plants accounting for the thermal storage system and CO2 mitigation through an algae system. ISSN: 0888-5885. (IF 2015: 2.587).	Industrial and Engineering Chemistry Research				J.R. Ortiz-Del-Castillo null José María Ponce- Ortega null , Medardo Serna-Gonzalez null , Eusiel Rubio-Castro null , Omar M. Hernandez-Calderon null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal design of residential cogeneration systems under uncertainty. ISSN: 0098-1354.	Computers and Chemical Engineering		X	3	1. Fuentes-Cortes, L.F. 2. Santibañez-Aguilar, L.F. 3. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal planning and infrastructure development for shale gas production. DOI: 10.1016/j.econman.2016.04.038.	Energy Conversion and Management		X	2	1. Arredondo-Ramírez, K. 2. Ponce-Ortega, J.M. 3. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizada s	Optimal planning and infrastructure development for shale gas production. DOI: 10.1016/j.econman.2016.04.038.	Energy Conversion and Management				Mahmoud M. El-Halwagi null Karla Arredondo-Ramirez null , José María Ponce-Ortega null ,

JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimal reconfiguration of a sugar cane industry to yield an integrated biorefinery. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-015-1039-1.	Clean Technologies and Environmental Policy		X	3	1. Martinez-Guido, S.I. 2. González-Campos, J. 3. Ponce-Ortega, J.M. 4. Nápoles-Rivera, F. 5. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimal reuse of flowback wastewater in	AIChE Journal		X	2	1. Lira-Barragán, L.F. 2. Ponce-Ortega, J.M. 3. Serna-González, M.
			hydraulic fracturing including seasonal and environmental constraints. ISSN: 1547-5905 (IF-2015: 2.748)					4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimal reuse of flowback wastewater in hydraulic fracturing including seasonal and environmental constraints. ISSN: 1547-5905 (IF-2015: 2.748)	AIChE Journal				Medardo Serna- Gonzalez null Mahmoud M. El-Halwagi null , José María Ponce- Ortega null , Luis Fernando Lira- Barragan null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimal safe layouts with heat exchanger networks synthesis having isothermal process streams. . ISBN: 978-88-95608-39-6. ISSN: 2283-9216. www.aidic.it/cet/16/48/110.pdf.	Chemical Engineering Transaction s		X	3	1. Inchaurregui-Ménde, J.A. 2. Vázquez-Román, R., 3. Ponce-Ortega, J.M., 4. Mannan, M.S.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimal safe layouts with heat exchanger networks synthesis having isothermal process streams. . ISBN: 978-88-95608-39-6. ISSN: 2283-9216. www.aidic.it/cet/16/48/110.pdf.	Chemical Engineering Transaction s				J. Inchaurregui-Mendez null José María Ponce- Ortega null , Richard Vazquez-Roman null , Sam M. Mannan null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimal synthesis of refinery property-based water networks with electrocoagulation treatment systems. ISSN: 2168-0485 (IF 2015: 4.642). DOI:10.1021/acssuschemeng.5b00902. http://pubs.acs.org/doi/abs/10.1021/acssuschemeng.5b00902.	ACS Sustainable Chemistry and Engineering		X	5	1. Tovar-Facio, J. 2. Lira-Barragán, L.F. 3. Nápoles-Rivera, F. 4. Bamufleh, H.S. 5. Ponce-Ortega, J.M. 6. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimal water management under uncertainty for shale gas production. ISSN: 0888-5885. (IF 2015: 2.587)	Industrial and Engineering Chemistry Research				Mahmoud M. El-Halwagi null Gonzalo Guillen-Gosalvez null , José María Ponce-Ortega null , Luis Fernando Lira- Barragan null ,

JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimization and CFD modelling of an improved rustic oven for producing bricks. ISSN: 1618-9558 (IF 2015: 1.934).	Clean Technologies and Environmental Policy		X	5	1. Vizguerra-Morales, P. 2. Vásquez-Castillo, J.A. 3. Romero-Toledo, R. 4. Aguilera-Alvarado, F. 5. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Optimization of the production of syngas from shale gas with economic and safety considerations. (IF-2015: 3.043). ISSN: 1359-4311. DOI:10.1016/j.applthermaleng.2016.08.201. http://www.sciencedirect.com/science/article/pii/S135943111631560 .	Applied Thermal Engineering		X	3	1. Martínez-Gómez, J. 2. Nápoles-Rivera, F. 3. Ponce-Ortega, J.M. 4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Simultaneous synthesis of utility system and heat exchanger network incorporating steam condensate and boiler feedwater. DOI:10.1016/j.energy.2016.07.109. http://www.sciencedirect.com/science/article/pii/S0360544216310349	Energy		X	4	1. Luo, X. 2. Huang, X. 3. El-Halwagi, M.M. 4. Ponce-Ortega, J.M. 5. Chen, Y.
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Stochastic design of biorefinery supply chains considering economic and environmental objectives. ISSN: 0959-6526 (IF 2015: 3.844). DOI:10.1016/j.jclepro.2016.03.168. http://www.sciencedirect.com/science/article/pii/S0959652616302621 .	Journal of Cleaner Production				José Ezequiel Santibañez-Aguilar null Ricardo Morales- Rodríguez null , J. Betzabe Gonzalez-Campos null , José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2016	Revistas Indizadas	Total heat integration in the biobutanol separation process. ISSN: 0888-5885. (IF 2015: 2.587).	Industrial and Engineering Chemistry Research		X	6	1. González-Bravo, R. 2. Sánchez-Ramírez, E. 3. Quiroz-Ramírez, J.J. 4. Segovía-Hernández, J.G. 5. Lira-Barragán, L.F. 6. Ponce-Ortega, J.M.
MA. DEL CARMEN CHAVEZ PARGA	2016	Revistas Indizadas	Analysis of the Effect of Agitation and Aeration on Xylitol Production by Fermentation in Bioreactor with Kluyveromyces marxianus Using Hydrolized Tamarind Seed as Substrate	International Journal of Current Microbiology and Applied Sciences		X	3	Ricardo Martínez-Corona1, Carlos Cortés Penagos, María del Carmen Chávez-Parga, Mariana Alvarez-Navarrete and Juan Carlos González-Hernández
MA. DEL CARMEN CHAVEZ PARGA	2016	Revistas Indizadas	Current procedures for extraction and purification of citrus flavonoides	Revista Colombiana de Biotecnología		X	3	Andrés Alejandro Damián-Reyna, Juan Carlos González-Hernández Ma. del Carmen Chávez-Parga

MA. DEL CARMEN CHAVEZ PARGA	2016	Revistas Indizada s	Current procedures for extraction and purification of citrus flavonoides	Revista Colombiana de Biotecnología				ANDRÉS ALEJANDRO DAMIÁN-REYNA JUAN CARLOS GONZÁLEZ-HERNÁNDEZ MA. DEL CARMEN CHÁ , MA. DEL CARMEN CHAVEZ PARGA ,
MA. DEL CARMEN CHAVEZ PARGA	2016	Revistas Indizada s	Review of agave and mezcal	Revista Colombiana de Biotecnología		X	2	Elia Perez Hernandez, Ma. del Carmen Chávez Parga, Juan Carlos González Hernández.
MA. DEL CARMEN CHAVEZ PARGA	2016	Revistas Indizada s	Review of agave and mezcal	Revista Colombiana de Biotecnología				MA. DEL CARMEN CHAVEZ PARGA Juan Carlos González Hernández. , ELIA PEREZ HERNANDEZ ,
MEDARDO SERNA GONZALEZ	2016	Revistas Indizada s	¿Dehydration of ethanol by PSA process with pressure equalization step added¿.	Bioethanol				
MEDARDO SERNA GONZALEZ	2016	Revistas Indizada s	¿Optimal design of distributed algae-based biorefineries usion CO2 emissions from multiple industrial plants	Industrial & Engineering Chemistry Research.				
MEDARDO SERNA GONZALEZ	2016	Revistas Indizada s	¿Optimal reuse of flowback wastewater in hydraulic fracturing including seasonal and environmental constraints¿.	American Institute of Chemical Engineers Journal.				
AGUSTIN JAIME CASTRO MONTOYA	2015	Revistas Indizada s	Multi-objective optimization of the supply chain of biofuels from residues of the tequila industry in Mexico	Journal of Cleaner Production		X	4	Pascual Eduardo Murillo-Alvarado, Gonzalo Guillen-Gosalbez, Jose María Ponce-Ortega, Agustín Jaime Castro-Montoya, Medardo Serna-Gonzalez, Laureano Jimenez
AGUSTIN JAIME CASTRO MONTOYA	2015	Revistas Indizada s	Simulation of Syngas Production from Lignin Using Guaiacol as a Model Compound	Energies		X	3	Nancy Eloísa Rodríguez-Olalde, Erick Alejandro Mendoza-Chávez, Agustín Jaime Castro- Montoya, Jaime Saucedo-Luna 1, Rafael Maya-Yescas, José Guadalupe Rutiaga-Quifiones and José María Ponce Ortega
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Involving integrated seawater desalination- power plants in the optimal design of water distribution networks. ISSN: 0921-3449	Resources, Conservatio n and Recycling		X	2	Ramón González-Bravo, Fabricio Nápoles-Rivera, José María Ponce- Ortega, Mahmoud M El- Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	MULTI-OBJECTIVE OPTIMIZATION FOR DESIGNING AND OPERATING MORE SUSTAINABLE WATER MANAGEMENT SYSTEMS FOR A CITY IN MEXICO. ISSN: 1547-5905	AIChE Journal		X	3	Ma Rojas Torres, Gonzalo Guillén Gosálbez, Fabricio Nápoles Rivera, José María Ponce Ortega, Laureano Jiménez Esteller, Medardo Serna González

FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	OPTIMAL DESIGN OF AGRICULTURAL WATER SYSTEMS WITH MULTIPERIOD COLLECTION STORAGE AND DISTRIBUTION ISSN: 0378-3774	Agricultural Water Managemen t		X	3	Karla Arredondo Ramírez Eusiel Rubio Castro Fabricio Nápoles Rivera José María Ponce Ortega Medardo Serna González Mahmoud El Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada	OPTIMAL DESIGN OF INTEGRATED	Energy Conversion		X	3	Luis Fabián Fuentes Cortés, José María
		s	CHP SYSTEMS FOR HOUSING COMPLEXES. ISSN: 0196-8904	and Managemen t				PonceOrtega, Fabricio Nápoles Rivera, Medardo Serna González, Mahmoud M. El-Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	OPTIMAL DESIGN OF MACROSCOPIC WATER NETWORKS UNDER PARAMETRIC UNCERTAINTY. ISSN: 0959-6526	Journal of Cleaner Production		X	1	Fabricio Nápoles-Rivera, Ma. Guadalupe Rojas-Torres, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	OPTIMAL DESIGN OF REUSING WATER SYSTEMS IN A HOUSING COMPLEX. ISSN: 1618-9558	Clean Technologie s and Environmen tal Policy		X	3	Mariana García- Montoya, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna-González, Mahmoud M. El-Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	OPTIMAL DESIGN OF THERMAL MEMBRANE DISTILLATION SYSTEMS WITH HEAT INTEGRATION WITH PROCESS PLANTS ISSN: 1359-4311	Applied Thermal Engineering		X	4	Ramón González-Bravo, Nesreen A Elsayed, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Mahmoud M El-Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	OPTIMAL PLANNING FOR THE REUSE OF MUNICIPAL SOLID WASTE CONSIDERING ECONOMIC, ENVIRONMENTAL, AND SAFETY OBJECTIVES. ISSN: 1547-5905	AIChE Journal		X	4	José Ezequiel Santibañe-Aguilar, Juan Martinez-Gomez, José María Ponce¿Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, Janett Betzabe González-Campos, Mahmoud M El-Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	OPTIMIZATION OF FACILITY LOCATION AND REALLOCATION IN AN INDUSTRIAL PLANT THROUGH A MULTI-ANNUAL FRAMEWORK ACCOUNTING FOR ECONOMIC AND SAFETY ISSUES. ISSN: 0950-4230	Journal of Loss Prevention in the Process Industries		X	2	Martinez-Gomez, J. Nápoles-Rivera, F Ponce-Ortega, J.M Serna-González, M El-Halwagi, M.M.
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal Design of Energy Supply Systems for Housing Complexes Using Multiple Cogeneration Technologies	Chemical Engineering Transaction s				Medardo Serna- González null José María Ponce-Ortega null , Fabricio Nápoles-Rivera null , Luis Fabián Fuentes-Cortés null , Mahmoud M. El-Halwagi null ,

FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal design of agricultural water systems with multiperiod collection, storage, and distribution	Agricultural Water Managemen t				Karla Arredondo- Ramírez null Medardo Serna- González null , Eusiel Rubio-Castro null , Mahmoud M. El- Halwagi null , José María Ponce- Ortega null , Fabricio Nápoles- Rivera null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal design of domestic water- heating solar systems	Clean Technologie s and Environmen tal Policy				José María Ponce- Ortega null Mahmoud M. El-Halwagi null , Aurora De Fátima Sánchez- Bautista null , Fabricio Nápoles-Rivera null , José Ezequiel
								Santibañez-Aguilar null , Medardo Serna- González null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal design of integrated CHP systems for housing complexes	Energy Conversion and Managemen t				Fabricio Nápoles-Rivera null Mahmoud M. El- Halwagi null , Luis Fabián Fuentes-Cortés null , José María Ponce- Ortega null , Medardo Serna-González null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal design of macroscopic water networks under parametric uncertainty	Journal of Cleaner Production				José María Ponce- Ortega null Ma Guadalupe Rojas- Torres null , Mahmoud M. El- Halwagi null , Fabricio Nápoles-Rivera null , Medardo Serna- González null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal design of reusing water systems in a housing complex	Clean Technologie s and Environmen tal Policy				José María Ponce- Ortega null Mahmoud M. El-Halwagi null , Medardo Serna- González null , Mariana García- Montoya null , Fabricio Nápoles-Rivera null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal design of thermal membrane distillation systems with heat integration with process plants	Applied Thermal Engineering				Mahmoud M. El-Halwagi null José María Ponce- Ortega null , Ramón González-Bravo null , Fabricio Nápoles-Rivera null , Nesreen A. Elsayed null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimal planning for the reuse of municipal solid waste considering economic, environmental, and safety objectives	AIChE Journal				Medardo Serna- González null Juan Martinez-Gomez null , José Ezequiel Santibañez-Aguilar null , Mahmoud M. El- Halwagi null , Fabricio Nápoles-Rivera null , Janett Betzabe González-Campos null , José María Ponce- Ortega null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Optimization of facility location and reallocation in an industrial plant through a multi-annual framework accounting for economic and safety issues	Journal of Loss Prevention in the Process Industries				Juan Martinez-Gomez null Fabricio Nápoles- Rivera null , Medardo Serna- González null , Mahmoud M. El-Halwagi null , José María Ponce- Ortega null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	SIMULTANEOUS DESIGN OF WATER REUSING AND RAINWATER HARVESTINGSYST EMS IN A RESIDENTIAL COMPLEX	Computers and Chemical Engineering		X	3	Mariana García Montoya, Andrea Bocanegra Martínez, Fabricio Nápoles Rivera, Medardo Serna González, José María Ponce Ortega, Mahmoud M. El Halwagi

FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	SYNTHESIS OF OPTIMAL THERMAL MEMBRANE DISTILLATION NETWORKS ISSN: 1547-5905	AIChE Journal		X	2	Ramón González-Bravo, Fabricio Nápoles-Rivera, José María Ponce-Ortega, Madhav Nyapathi, Nesreen Elsayed Mahmoud M. El-Halwagi
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Simultaneous design of water reusing and rainwater harvesting systems in a residential	Computers and Chemical Engineering				Medardo Serna- González null Fabricio Nápoles-Rivera null , Mahmoud M. El-Halwagi null , Andrea Bocanegra-Martínez null , José María Ponce-
Autor	Año de publicació	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
			complex					Ortega null , Mariana García-Montoya null ,
FABRICIO NAPOLES RIVERA	2015	Revistas Indizada s	Synthesis of optimal thermal membrane distillation networks	AIChE Journal				Madhav Nyapathi null Mahmoud M. El-Halwagi null , Ramón González-Bravo null , José María Ponce-Ortega null , Fabricio Nápoles-Rivera null , Nesreen Elsayed null ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	A HEAT EXCHANGER NETWORKS SYNTHESIS APPROACH BASED ON INHERENT SAFETY. ISSN: 2409-983X.	Journal of Chemical Engineering Research Updates.		X	3	1. Inchaurregui-Méndez, J.A. 2. Vázquez-Roman, R. 3. Ponce-Ortega, J.M. 4. Mannan, M.S.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	A HEAT EXCHANGER NETWORKS SYNTHESIS APPROACH BASED ON INHERENT SAFETY. ISSN: 2409-983X.	Journal of Chemical Engineering Research Updates.				José María Ponce-Ortega null 1. INCHAURREGUI-MÉNDEZ , J.M. 4. MANNAN , J.A. 2. VÁZQUEZ-ROMAN ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	A MIXED-INTEGER DYNAMIC OPTIMIZATION APPROACH FOR THE OPTIMAL PLANNING OF DISTRIBUTED BIOREFINERIES. ISSN: 0098-1354. doi:10.1016/j.compchemeng.2015.05.008. http://www.sciencedirect.com/science/article/pii/S009813541500160X.	Computers and Chemical Engineering				José María Ponce-Ortega null Martín Rivera-Toledo null , José Ezequiel Santibañez-Aguilar null , Antonio Flores-Tlacuahuac null ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	A QUANTITATIVE RISK ANALYSIS FOR THE VEGETABLE OIL INDUSTRY IN MEXICO. ISSN: 1618-9558. DOI:10.1007/s10098-015-1011-0. http://link.springer.com/article/10.1007/s10098-015-1011-0.	Clean Technologie s and Environmen tal Policy		X	3	1. Valencia-Barragán, L. 2. Martínez-Gomez, J. 3. Ponce-Ortega, J.M.

JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	A multi-objective optimization approach for integrating design and control in multicomponent distillation sequences. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/acs.iecr.5b01611. http://pubs.acs.org/doi/abs/10.1021/acs.iecr.5b01611 .	Industrial and Engineering Chemistry Research		X	3	1. Vazquez-Castillo, J.A. 2. Segovia-Hernández, J.G. 3. Ponce-Ortega, J.M
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	A multi-objective optimization approach for integrating design and control in multicomponent distillation sequences. ISSN: 0888-5885. (IF 2015: 2.587).	Industrial and Engineering Chemistry Research				Jose Antonio Vazquez-Castillo null José María Ponce-Ortega null , Juan Gabriel Segovia-Hernandez null ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	AN OPTIMIZATION APPROACH FOR PRODUCING CARBON NANOTUBES INVOLVING ECONOMIC AND SAFETY OBJECTIVES. ISSN: 1618-954X. DOI:10.1007/s10098-015-0942-9. http://link.springer.com/article/10.1007/s10098-015-0942-9 .	Clean Technologies and Environmental Policy				Julia Hernandez-Vargas null Juan Martinez- Gomez null , J. Betzabe Gonzalez-Campos null , Javier Lara-Romero null , José María Ponce- Ortega null ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	ENERGY INTEGRATION INVOLVING WASTE HEAT RECOVERY AND ORGANIC RANKINE CYCLES. ISSN: 1618-9558. doi:10.1007/s10098-014-0833-5. http://link.springer.com/article/10.1007/s10098-014-0833-5 .	Clean Technologies and Environmental Policy		X	6	1.- Gutierrez-Arriaga, C.G. 2.- Abdelhady F. 3.- Bamuffeh H. 4.- Serna-González M. 5.- El-Halwagi M.M. 6.- Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	HEAT TRANSFER ANALYSIS OF A NON-NEWTONIAN FLOWING THROUGH A CIRCULAR TUBE WITH TWISTED TAPE INSERTS. ISSN: 1359-4311 (IF 2015: 2.739). doi:10.1016/j.applthermaleng.2015.03.052. http://www.sciencedirect.com/science/article/pii/S1359431115002768 .	Applied Thermal Engineering		X	4	1. Rios-Irbe, E.Y. 2. Cervanes-Gaxiola, M. E. 3. Rubio-Castro, E. 4. Ponce-Ortega, J.M. 5. Llanes-González, M. D. 6. Reyes-Moreno, C. 7 Hernández-Calderón, O.M.

JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	Industrial waste heat recovery and cogeneration involving organic Rankine cycles. ISSN: 1618-9558. doi:10.1007/s10098-014-0833-5. http://link.springer.com/article/10.1007/s10098-014-0833-5 .	Clean Technologies and Environmental Policy				Cesar Giovani Gutierrez-Arriaga null Hisham S. Bamufleh null , Mahmoud M. El- Halwagi null , José María Ponce-Ortega null , Faissal Abdelhady null , Medardo Serna-Gonzalez null ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	MULTIOBJECTIVE OPTIMIZATION FOR DESIGNING AND OPERATING MORE SUSTAINABLE WATER MANAGEMENT SYSTEMS FOR A CITY IN MEXICO. ISSN: 1547-5905 (IF-2015: 2.748). DOI: 10.1002/aic.14814. http://onlinelibrary.wiley.com/doi/10.1002/aic.14814/full .	AIChE Journal		X	4	1. Rojas-Torres, M.G. 2. Guillén-Gosálbez, G. 3. Nápoles-Rivera, F. 4. Ponce-Ortega, J.M. 5. Jiménez-Esteller, L. 6. Serna-González, M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	Multi-objective optimization of the supply chain of biofuels from residues of the tequila industry in Mexico. ISSN: 0959-6526 (IF 2015: 3.844). doi:10.1016/j.jclepro.2015.08.052. http://www.sciencedirect.com/science/article/pii/S0959652615011427 .	Journal of Cleaner Production				A.J. 5. SERNA-GONZÁLEZ 1. MURILLO-ALVARADO , José María Ponce-Ortega null , J.M. 4. CASTRO-MONTOYA , M. 6. JIMÉNEZ , P.E. 2. GUILLÉN-GOSÁLBEZ ,

Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL DESIGN AND INTEGRATION OF SOLAR THERMAL COLLECTION, STORAGE, AND DISPATCH WITH PROCESS COGENERATION SYSTEMS. ISSN: 0009-2509 (IF 2015: 2.337). doi:10.1016/j.ches.2015.04.043. http://www.sciencedirect.com/science/article/pii/S0009250915003048.	Chemical Engineering Science		X	4	1. Abdelhady, F. 2. Bamufleh, H. 3. El-Halwagi, M.M. 4. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL DESIGN OF AGRICULTURAL WATER SYSTEMS WITH MULTIPERIOD COLLECTION, STORAGE, AND DISTRIBUTION. ISSN: 0378-3774. (IF 2015: 2.286). doi:10.1016/j.agwat.2015.01.007. http://www.sciencedirect.com/science/article/pii/S0378377415000165.	Agricultural Water Management		X	4	1. Arredondo-Ramírez, K. 2. Rubio-Castro, E. 3. Nápoles-Rivera, F. 4. Ponce-Ortega, J.M. 5. Serna-González, M. 6. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL DESIGN OF CHP SYSTEMS FOR HOUSING COMPLEXES INVOLVING WEATHER AND ELECTRIC MARKET VARIATIONS. ISSN: 1359-4311 (IF 2015: 2.739). doi:10.1016/j.applthermaleng.2015.07.074. http://www.sciencedirect.com/science/article/pii/S1359431115007711.	Applied Thermal Engineering				Araceli Avila-Hernandez null José María Ponce-Ortega null , Medardo Serna-Gonzalez null , Luis Fabian Fuentes- Cortes null ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL DESIGN OF DOMESTIC WATER-HEATING SOLAR SYSTEMS. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-014-0818-4. http://link.springer.com/article/10.1007/s10098-014-0818-4.	Clean Technologies and Environmental Policy		X	3	1.- Sánchez-Bautista, A. F. 2.- Santibañez-Aguilar, J.E. 3.- Ponce-Ortega, J.M. 4.- Nápoles-Rivera, F. 5.- Serna-González, M. 6.- El-Halwagi, M.M.

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JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL DESIGN OF REUSING WATER SYSTEMS IN A HOUSING COMPLEX. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-014-0784-x. http://link.springer.com/article/10.1007/s10098-014-0784-x	Clean Technologies and Environmental Policy		X	2	1. García-Montoya, M. 2. Ponce-Ortega, J.M. 3. Nápoles-Rivera, F. 4. Serna-González, M. 5. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL DESIGN OF REUSING WATER SYSTEMS IN A HOUSING COMPLEX. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-014-0784-x. http://link.springer.com/article/10.1007/s10098-014-0784-x	Clean Technologies and Environmental Policy				Mariana Garcia-Montoya null Mahmoud M. El-Halwagi null , Fabricio Napoles-Rivera null , José María Ponce- Ortega null , Medardo Serna-Gonzalez null ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL DESIGN OF THERMAL MEMBRANE DISTILLATION SYSTEMS WITH HEAT INTEGRATION WITH PROCESS PLANTS. ISSN: 1359-4311 (IF 2015: 2.739). doi:10.1016/j.applthermaleng.2014.09.009. http://www.sciencedirect.com/science/article/pii/S1359431114007819 .	Applied Thermal Engineering		X	3	1.- González-Bravo, R. 2.- Elsayed N.A. 3.- Ponce-Ortega, J.M. 4.- Nápoles-Rivera, F. 5.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	OPTIMAL PLANNING FOR THE REUSE OF MUNICIPAL SOLID WASTE CONSIDERING ECONOMIC, ENVIRONMENTAL AND SAFETY OBJECTIVES. ISSN: 1547-5905. DOI: 10.1002/aic.14785. http://onlinelibrary.wiley.com/doi/10.1002/aic.14785/full .	AIChE Journal				Mahmoud M. El-Halwagi null Fabricio Napoles-Rivera null , José María Ponce-Ortega null , J. Betzabe Gonzalez- Campos null , Medardo Serna-Gonzalez null , José Ezeuél Santibañez- Aguilar null , Juan Martinez-Gomez null ,

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JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	OPTIMIZATION OF UNIT LOCATION AND REALLOCATION IN AN INDUSTRIAL FACILITY THROUGH A MULTI-ANNUAL FRAMEWORK ACCOUNTING FOR ECONOMIC AND SAFETY ISSUES. ISSN: 0950-4230. doi: 10.1016/j.jlp.2014.11.021.	Journal of Loss Prevention in the Process Industry				1. MARTINEZ-GOMEZ J. 2. NÁPOLES-RIVERA , José María Ponce- Ortega null , M. 5. EL-HALWAGI , J.M. 4. SERNA-GONZÁLEZ ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	Optimal design of energy supply systems for housing complexes using multiple cogeneration technologies. DOI:10.3303/CET1545070. http://www.aidic.it/cet/15/45/070.pdf.	Chemical Engineering Transaction s		X	2	1. Fuentes-Cortes, L.F. 2. Ponce-Ortega, J.M. 3. Nápoles-Rivera, F. 4. Serna-González, F. 5. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	Optimal design of energy supply systems for housing complexes using multiple cogeneration technologies. DOI:10.3303/CET1545070. http://www.aidic.it/cet/15/45/070.pdf.	Chemical Engineering Transaction s				L.F. 2. PONCE-ORTEGA 1. FUENTES-CORTES , F. 4. SERNA-GONZÁLEZ , J.M. 3. NÁPOLES-RIVERA , F. 5. EL-HALWAGI ,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	Optimal processing of carbon nanotubes. ISSN: 2283-9216. DOI:10.3303/CET1545198. http://www.aidic.it/cet/15/45/198.pdf.	Chemical Engineering Transaction s		X	5	1. Hernandez-Vargas, J. 2. Martinez-Gomez, J. 3. González-Campos, J. B. 4. Lara-Romero, J. 5 Ponce-Ortega, J.M.

JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	REDUCTION OF GREENHOUSE GAS EMISSIONS FROM STEAM POWER PLANTS THROUGH OPTIMAL INTEGRATION WITH ALGAE AND COGENERATION SYSTEMS. ISSN: 1618-9558 (IF 2015: 1.934). doi:10.1007/s10098-015-0982-1. http://link.springer.	Clean Technologies and Environmental Policy		X	5	1. Lira-Barragán, L.I. 2. Gutiérrez-Arriaga, C.G. 3. Bamufleh, H. 4. Abdelhady, F. 5. Ponce-Ortega, J.M. 6. Serna-González, M. 7. El-Halwagi, M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	REDUCTION OF GREENHOUSE GAS EMISSIONS FROM STEAM POWER PLANTS THROUGH OPTIMAL INTEGRATION WITH ALGAE AND COGENERATION SYSTEMS. ISSN: 1618-9558 (IF 2015: 1.934). doi:10.1007/s10098-015-0982-1. http://link.springer.com/article/10.1007/s10098-015-0982-1	Clean Technologies and Environmental Policy				Luis Fernando Lira-Barragán, Faissal Abdelhady, Mahmoud M. El-Halwagi, Cesar Giovani Gutierrez-Arriaga, José María Ponce-Ortega, Hisham S. Bamufleh,
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	SIMULATION OF SYNGAS PRODUCTION FROM LIGNING USING GUIACOLAS MODEL COMPOUND. ISSN: 1996-1073. (IF 2014: 2.072). doi:10.3390/en8076705. http://www.mdpi.com/1996-1073/8/7/6705	Energies		X	7	1. Rodríguez-Olalde, N. 2. Mendoza-Chavez, E. 3. Castro-Montoya, A. 4. Saucedo-Luna, J. 5. Maya-Yescas, R. 6. Rutiaiga, J. 7. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	SIMULTANEOUS DESIGN OF WATER REUSING AND RAINWATER HARVESTING SYSTEMS IN A RESIDENTIAL COMPLEX. ISSN: 0098-1354. (IF 2015: 2.784). doi:10.1016/j.compchemeng.2015.02.011. http://www.sciencedirect.com/science/article/pii/S0098135415000563.	Computers and Chemical Engineering		X	5	1.- García-Montoya, M. 2.- Bocanegra-Martínez, A. 3.- Nápoles-Rivera, F. 4.- Serna-González, M. 5.- Ponce-Ortega, J.M. 6.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizadas	SYNTHESIS OF ECO-INDUSTRIAL PARKS INTERACTING WITH A SURROUNDING WATERSHED. ISSN: 2168-0485 (IF 2015: 4.642). DOI:10.1021/acsuschemeng.5b00276. http://pubs.acs.org/doi/abs/10.1021/acsuschemeng.5b00276.	ACS Sustainable Chemistry and Engineering		X	4	1. López-Díaz, D.C. 2. Lira-Barragán, L.F. 3. Rubio-Castro, E. 4. Ponce-Ortega, J.M. 5. El-Halwagi, M.M.

JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	SYNTHESIS OF OPTIMAL THERMAL MEMBRANE DISTILLATION NETWORKS. ISSN: 1547-5905 (IF-2015: 2.748). DOI:10.1002/aic.14652. http://onlinelibrary.wiley.com/doi/10.1002/aic.14652/full .	AIChE Journal		X	5	1. González-Bravo, R. 2. Nyapathi, M. 3. Elsayed, N. 4. Nápoles-Rivera, F. 5. Ponce-Ortega, J.M. 6. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2015	Revistas Indizada s	Sustainable multi-objective planning of biomass conversion systems under uncertainty. ISSN: 2283-9216. DOI:10.3303/CET1545062. http://www.aidic.it/cet/15/45/062.pdf .	Chemical Engineering Transaction s		X	4	1. Santibañez-Aguilar, J. E. 2. Morales-Rodriguez, R. 3. González-Campos, J. B. 4. Ponce-Ortega, J.M.
MA. DEL CARMEN CHAVEZ PARGA	2015	Revistas Indizada s	EFFECT OF INITIAL SUBSTRATE CONCENTRATION AND AGITATION ON XYLITOL PRODUCITON BY FERMENTATION OF HYDROLYZED TAMARIND SEED MEDIA WITH KLYVEROMYCES MARXIANUS	Revista Mexicana de Ingeniería Química				GONZÁLEZ-HERNÁNDEZ JUAN CARLOS CORTÉS PENAGOS CARLOS , V. RADAMES TREJO , MARTÍNEZ CORONA RICARDO , CHÁVEZ PARGA MARÍA DEL CARMEN , M. A. ZAMUDIO-JARAMILLO ,
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MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	Optimal design of energy supply systems for housing complexes using multiple cogeneration technologies	Chemical Engineering Transaction s.				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	Optimization of facility location and reallocation in an industrial plant through a multi-annual framework accounting for economic and safety issuesç	Journal of Loss Prevention in the Process Industries				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	çMulti-objective optimization for designing and operating more sustainable water management systems for a city in Mexicoç.	American Institute of Chemical Engineers Journal				
MEDARDO SERNA	2015	Revistas	çMulti-objective	Journal of				

Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
GONZALEZ		Indizada s	optimization of the supply chain of biofuels from residues of the Tequila industry in Mexico¿.	Cleaner Production.				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	¿Optimal design of agricultural water systems with multiperiod collection, storage, and distribution¿.	Agricultural Water Managemen t				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	¿Optimal design of domestic water-heating solar systems¿.	Clean Technologie s and Environmen tal Policy.				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	¿Optimal design of integrated CHP systems for housing complexes¿	Energy Conversion and Managemen t				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	¿Optimal design of macroscopic water networks under parametric uncertainty¿.	Journal of Cleaner Production				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	¿Optimal design of reusing water systems in a housing complex¿.	Clean Technologie s and Environmen tal Policy				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	¿Optimal planning for the reuse of municipal solid waste considering economic, environmental, and safety objectives	American Institute of Chemical Engineers Journal.				
MEDARDO SERNA GONZALEZ	2015	Revistas Indizada s	¿Reduction of greenhouse gas emissions from steam power plants through optimal integration with algae and cogeneration systems¿.	Clean Technologie s and Environmen tal Policy.				
AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	Multiple Steady States in Thermally Coupled Distillation Sequences: Revisiting the Design, Energy Optimization, and Control	Industrial & Engineering Chemistry Research		X	5	Rau¿l Delgado-Delgado, Fabricio Omar Barroso-Mun¿oz, Juan Gabriel Segovia-Herna¿ndez, He¿ctor Herna¿ndez-Escoto,¿ Agustín Jaime Castro-Montoya, Vicente Rico-Ramírez, and Salvador Herna¿ndez

AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	Multiple Steady States in Thermally Coupled Distillation Sequences: Revisiting the Design, Energy Optimization, and Control	Industrial & Engineering Chemistry Research				SALVADOR HERNANDEZ null VICENTE RICO-RAMIREZ null , HECTOR HERNANDEZ-ESCOTO null , FABRICIO OMAR BARROSO-MUÑOZ null , Agustín Jaime CASTRO-MONTOYA Castro Montoya , RAUL DELGADO-DELGADO null , JUAN GABRIEL SEGOVIA-HERNANDEZ null ,
AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	OPTIMAL DESIGN OF RAINWATER COLLECTING SYSTEMS FOR DOMESTIC USE INTO A RESIDENTIAL DEVELOPMENT: ISSN	Resources, Conservatio n and Recycling				MEDARDO SERNA-GONZALEZ null Agustín Jaime CASTRO- MONTOYA Castro Montoya , ANDREA BOCANEGRA-MARTINEZ null , JOSE MARIA PONCE-ORTEGA null , MAHMOUD M EL-HALWAGI null , FABRICIO NAPOLES-RIVERA null ,
AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	OPTIMAL DESIGN OF RAINWATER COLLECTING SYSTEMS FOR DOMESTIC USE INTO A RESIDENTIAL DEVELOPMENT: ISSN: 0921-3449	Resources, Conservatio n and Recycling		X	5	Andrea Bocanegra-Martínez, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, Agustín Jaime Castro-Montoya, Mahmoud M. El-Halwagi
AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	Optimization of Particle Size for Hydrolysis of Pine Wood Polysaccharides and its Impact on Milling Energy	INTERNATIO NAL JOURNAL of RENEWABLE ENERGY RESEARCH		X	2	Miguel Angel Zamudio-Jaramillo, Agustín Jaime Castro-Montoya Rafael Maya Yescas, María del Carmen Chávez Parga Juan Carlos González Hernández and Jaime Saucedo Luna
AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	Optimization of Particle Size for Hydrolysis of Pine Wood Polysaccharides and its Impact on Milling Energy	INTERNATIO NAL JOURNAL of RENEWABLE ENERGY RESEARCH				Agustín Jaime CASTRO-MONTOYA Castro Montoya RAFAEL MAYA- YESCAS null , MIGUEL ANGEL ZAMUDIO- JARAMILLO null , MARIA DEL CARMEN CHAVEZ- PARGA null , JAIME SAUCEDO-LUNA null ,
AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	Optimization of the Supply Chain Associated to the Production of Bioethanol from Residues of Agave from the Tequila Process in Mexico	Industrial & Engineering Chemistry Research		X	4	Pascual Eduardo Murillo-Alvarado, Jose¿ Ezequiel Santibañez- Aguilar, Jose¿ María Ponce-Ortega, Agustín Jaime Castro-Montoya, Medardo Serna- Gonzale¿, and Mahmoud M. El-Halwagi
AGUSTIN JAIME CASTRO MONTOYA	2014	Revistas Indizada s	USE OF GLYCEROL AS ENTRAINER IN THE DEHYDRATION OF BIOETHANOL USING EXTRACTIVE BATCH DISTILLATION: SIMULATION AND EXPERIMENTAL STUDIES: ISSN: 0255-2701	Chemical Engineering and Processing: Process Intensificati on		X	5	Salomón Navarrete-Contreras, Mauricio, Sánchez-Ibarra, Fabricio Omar Barroso-Mu¿noz, Salvador Hernández., Agustín Jaime Castro-Montoya

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FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	A Multiobjective Optimization Approach for the Development of a Sustainable Supply Chain of a	ACS SUSTAINABLE CHEMISTRY & ENGINEERING				Mahmoud M. El-Halwagi null J. Betzabe Gonzalez-Campos null , Medardo Serna- Gonzalez null , Rosa E. del Rio null , Sergio I.
FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	OPTIMAL DESIGN OF DOMESTIC WATER-HEATING SOLAR SYSTEMS ISSN: 1618-954X	Clean Technologies and Environmental Policy		X	4	Sánchez-Bautista, A., Santibañez-Aguilar, J.E Ponce-Ortega, J.M. Nápoles-Rivera, F Serna-González, M El-Halwagi, M.M.
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FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	OPTIMAL DESIGN OF REUSING WATER SYSTEMS IN A HOUSING COMPLEX ISSN: 1618-954X	Clean Technologies and Environmental Policy		X	3	García-Montoya, M., Ponce-Ortega, J.M., Nápoles-Rivera, F., Serna-González, M., El- Halwagi, M.M.
FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	OPTIMAL DESIGN OF SUSTAINABLE WATER SYSTEMS FOR CITIES INVOLVING FUTURE PROJECTIONS. ISSN: 0098-1354	Computers & Chemical Engineering		X	2	Ma Guadalupe Rojas-Torres, Fabricio Nápoles-Rivera, José María Ponce-Ortega, Medardo Serna- González, Mahmoud M El-Halwagi
FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	OPTIMAL RECONFIGURATION OF WATER NETWORKS BASED ON PROPERTIES. ISSN:1618-954X	Clean Technologies and Environmental Policy		X	3	Sotelo-Pichardo, C. Ponce-Ortega, J.M., Nápoles-Rivera, F., Serna-González, M., El- Halwagi, M.M., Frausto- Hernández, S.
FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	Optimal design of inter-plant waste energy integration	Applied Thermal Engineering				Eusiel Rubio-Castro null José María Ponce- Ortega null , Fabricio Nápoles-Rivera null , Brígido Jesús Hipólito- Valencia null , Mahmoud M. El-Halwagi null , Medardo Serna-González null ,
FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	Optimal design of rainwater collecting systems for domestic use into a residential development	Resources, Conservation and Recycling				Fabricio Nápoles-Rivera null José María Ponce- Ortega null , Andrea Bocanegra-Martínez null , Agustín Jaime Castro-Montoya null , Medardo Serna-González null , Mahmoud M. El-Halwagi null ,

FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	Optimal design of sustainable water systems for cities involving future projections	Computers and Chemical Engineering				Fabricio Nápoles-Rivera null Medardo Serna-González null , José María Ponce-Ortega null , Ma Guadalupe Rojas-Torres null , Mahmoud M. El-Halwagi null ,
FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	Optimal reconfiguration of water networks based on properties	Clean Technologies and Environmental Policy				César Sotelo-Pichardo null Fabricio Nápoles- Rivera null , Mahmoud M. El-Halwagi null , Medardo Serna- González null , José María Ponce-Ortega null
FABRICIO NAPOLES RIVERA	2014	Revistas Indizadas	Siting optimization of facility and unit relocation with the simultaneous consideration of economic and safety issues	Industrial and Engineering Chemistry Research				Mahmoud M. El-Halwagi null Fabricio Nápoles-Rivera null , José María Ponce-Ortega null , Medardo Serna- González null , Juan Martinez-Gomez null ,
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	A MATHEMATICAL PROGRAMMING APPROACH FOR THE OPTIMAL SYNTHESIS OF NANOFIBERS THROUGH ELECTROSPINNING PROCESS. ISSN: 2168-0485 (IF 2015: 4.642). DOI:10.1021/sc400360k. http://pubs.acs.org/doi/abs/10.1021/sc400360k .	ACS Sustainable Chemistry and Engineering		X	4	1.- Hernández-Vargas, J 2.- González-Campos, J.B. 3.- Lara-Romero, J. 4.- Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	A MULTIOBJECTIVE OPTIMIZATION APPROACH FOR THE DEVELOPMENT OF A SUSTAINABLE SUPPLY CHAIN OF A NEW FIXATIVE IN THE PERFUME INDUSTRY. ISSN: 2168-0485 (IF 2015: 4.642). DOI:10.1021/sc500409g. http://pubs.acs.org/doi/abs/10.1021/sc500409g .	ACS Sustainable Chemistry and Engineering		X	4	1.- Martinez-Guido, S.I. 2.- González-Campos, J.B. 3.- Del Río, R.E. 4.- Ponce-Ortega, J.M. 5.- Nápoles-Rivera, F. 6.- Serna-González, M. 7.- El-Halwagi, M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	AN MFA OPTIMIZATION APPROACH FOR POLLUTION TREADING CONSIDERING THE SUSTAINABILITY OF THE SURROUNDING WATERSHED. ISSN: 0098-1354. doi:10.1016/j.compchemeng.2014.01.005. http://www.sciencedirect.com/science/article/pii/S0098135414000076 .	Computers and Chemical Engineering				Luis Fernando Lira-Barragan null José María Ponce-Ortega null , Vicente Rico-Ramirez null , Mahmoud M. El- Halwagi null , Francisco Lopez-Villarreal null ,

JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	AN MINLP MODEL FOR THE SIMULTANEOUS INTEGRATION OF ENERGY, MASS AND PROPERTIES IN WATER NETWORKS. ISSN: 0098-1354. (IF 2015: 2.784). doi:10.1016/j.compchemeng.2014.07.008. http://www.sciencedirect.com/science/article/pii/S0098135414002129.	Computers and Chemical Engineering		X	2	1.- Jimenez-Gutierrez, A. 2.- Lona-Ramírez, J. 3.- Ponce-Ortega, J.M. 4.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	ENERGY EVALUATION OF AN ABSORPTION HEAT TRANSFORMER OPERATING WITH WATER-CARROL SOLUTION BY MEANS OF MATHEMATICAL PROGRAMMING. ISSN: 2283-9216. DOI: 10.3303/CET1439247. http://www.aidic.it/cet/14/39/247.pdf.	Chemical Engineering Transaction s		X	5	1.- Sanchez-Martinez, J. R. 2.- Rodriguez-Martinez, A. 3.- Romero, R.R. 4.- Ibarra-Bahena, J. 5.- Ponce-Ortega, J.M. 6.- Serna-González, M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	MULTI-OBJECTIVE DESIGN OF INTER-PLANT TRIGENERATION SYSTEMS. ISSN: 1547-5905 (IF-2015: 2.748). DOI:10.1002/aic.14292. http://onlinelibrary.wiley.com/doi/10.1002/aic.14292/full.	AIChE Journal		X	3	1.- Hipólito-Valencia, B. J 2.- Lira-Barragán, L.F. 3.- Ponce-Ortega, J.M. 4.- Serna-González, M. 5.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	MULTI-OBJECTIVE DESIGN OF INTER-PLANT TRIGENERATION SYSTEMS. ISSN: 1547-5905 (IF-2015: 2.748). DOI:10.1002/aic.14292. http://onlinelibrary.wiley.com/doi/10.1002/aic.14292/full.	AIChE Journal				José María Ponce- Ortega null Luis Fernando Lira-Barragan null , Brijido Jesus Hipolito-Valencia null , Medardo Serna-Gonzalez null , Mahmoud M. El-Halwagi null ,
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	OPTIMAL DESIGN OF INTER-PLANT WASTE ENERGY INTEGRATION. ISSN: 1359-4311 (IF 2015: 2.739). doi:10.1016/j.applthermaleng.2013.10.015. http://www.sciencedirect.com/science/article/pii/S1359431113007242.	Applied Thermal Engineering		X	3	1.- Hipólito-Valencia, B. J 2.- Rubio-Castro, E. 3.- Ponce-Ortega, J.M. 4.- Serna-González, M. 5.- Nápoles-Rivera, F. 6.- El-Halwagi, M.M

JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	OPTIMAL DESIGN OF MACROSCOPIC WATER NETWORKS UNDER PARAMETRIC UNCERTAINTY. ISSN: 0959-6526 (IF 2015: 3.844). doi:10.1016/j. jclepro. 2014.05.002. http://www. sciencedirect. com/science/artic le/pii/S09596526 14004478.	Journal of Cleaner Production				F. 2. ROJAS-TORRES M. 5. EL-HALWAGI , 1. NÁPOLES-RIVERA , J. M. 4. SERNA-GONZÁLEZ , José María Ponce- Ortega null ,
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	OPTIMAL DESIGN OF PROCESS ENERGY SYSTEMS INTEGRATING SUSTAINABLE CONSIDERATIONS . ISSN: 0360-5442. (IF 2015: 4.844). doi:10.1016/j. energy. 2014.04.111. http://www. sciencedirect. com/science/artic le/pii/S03605442 1400543X.	Energy		X	2	1. Lira-Barragán, L.F. 2. Ponce-Ortega, J.M. 3. Serna-González, M. 4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	OPTIMAL DESIGN OF RAINWATER COLLECTING SYSTEMS OR DOMESTIC USE INTO A RESIDENTIAL DEVELOPMENT. ISSN:0921-3449 (IF- 2015: 2.564). doi:10.1016/j. resconrec. 2015.08.010. http://www. sciencedirect. com/science/artic le/pii/S09213449 15300707.	Resources, Conservatio n and Recycling.		X	2	1.- Bocanegra-Martínez, A. 2.- Ponce-Ortega, J.M. 3.- Nápoles-Rivera F. 4.- Serna-González, M. 5.- Castro-Montoya, A.J. 6.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizada s	OPTIMAL DESIGN OF SUSTAINABLE WATER SYSTEMS FOR CITIES INVOLVING FUTURE PROJECTIONS. ISSN: 0098-1354. (IF 2015: 2.452). doi:10.1016/j. compchemeng. 2014.05.026. http://www. sciencedirect. com/science/artic le/pii/S00981354 14001781.	Computers and Chemical Engineering		X	3	1. Rojas-Torres, M.G. 2. Nápoles-Rivera, F. 3. Ponce-Ortega, J.M. 4. Serna-González, M. 5. El-Halwagi, M.

JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	OPTIMAL PLANNING AND SITE SELECTION FOR DISTRIBUTED MULTIPRODUCT BIOREFINERIES INVOLVING ECONOMIC, ENVIRONMENTAL AND SOCIAL OBJECTIVES. ISSN: 0959-6526. doi:10.1016/j.jclepro.2013.08.004.	Journal of Cleaner Production		X	3	1.- Santibañez-Aguilar, J.E. 2.- González-Campos, J.B. 3.- Ponce-Ortega, J.M. 4.- Serna-González, M. 5.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	OPTIMAL PLANNING OF RENEWABLE SUPPLY CHAINS FOR MULTI-PRODUCT GENERATION FROM MUNICIPAL SOLID WASTE. ISSN: 2283-9216. (IF 2015: 1). DOI: 10.3303/CET1442010. http://www.aidic.it/cet/14/42/010.pdf.	Chemical Engineering Transaction s				J.B. 4. SERNA-GONZÁLEZ M. 5. EL-HALWAGI , 1. SANTIBAÑEZ-AGUILAR , J.E. 2. PONCE-ORTEGA , J. M. 3. GONZÁLEZ-CAMPOS ,
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	OPTIMAL RECONFIGURATION OF WATER NETWORKS BASED ON PROPERTIES. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-013-0631-5. http://link.springer.com/article/10.1007/s10098-013-0631-5.	Clean Technologies and Environmental Policy		X	2	1.- Sotelo-Pichardo, C. 2.- Ponce-Ortega, J.M. 3.- Nápoles-Rivera, F. 4.- Serna-González, M. 5.- El-Halwagi, M.M. 6.- Frausto-Hernández, S.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	OPTIMAL SYNTHESIS OF PROPERTY-BASED WATER NETWORKS CONSIDERING GROWING DEMAND PROJECTIONS. ISSN: 0888-5885. (IF 2015: 2.587). DOI: 10.1021/ie503127p. http://pubs.acs.org/doi/abs/10.1021/ie503127p.	Industrial and Engineering Chemistry Research		X	3	1. Sotelo-Pichardo, C. 2. Bamufleh, H.S. 3. Ponce-Ortega, J.M. 4. El-Halwagi, M.M.

JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	OPTIMIZATION OF THE SUPPLY CHAIN ASSOCIATED TO THE PRODUCTION OF BIOETHANOL FROM RESIDUES OF AGAVE FROM THE TEQUILA PROCESS IN MEXICO. ISSN: 0888-5885. (IF 2015: 2.587). DOI: 10.1021/ie4031715. http://pubs.acs.org/doi/abs/10.1021/ie4031715 .	Industrial and Engineering Chemistry Research		X	3	1.- Murillo-Alvarado, P. E., 2.- Santibañez-Aguilar, J.E., 3.- Ponce-Ortega, J.M., 4.- Castro-Montoya, A.J., 5.- Serna-González, M., 6.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	OPTIMUM HEAT STORAGE DESIGN FOR SOLAR DRIVEN ABSORPTION REFRIGERATORS INTEGRATED WITH HEAT EXCHANGER NETWORKS. ISSN: 1547-5905 (IF-2015: 2.748). DOI: 10.1002/aic.14308. http://onlinelibrary.wiley.com/doi/10.1002/aic.14308/full .	AIChE Journal		X	2	1.- Lira-Barragán, L.F. 2.- Ponce-Ortega, J.M. 3.- Serna-González, M. 4.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	Optimal design of rainwater collecting systems for domestic use into a residential development. ISSN:0921-3449 (IF-2015: 2.564). doi:10.1016/j.resconrec.2014.01.001. http://www.sciencedirect.com/science/article/pii/S0921344914000032 .	Resources, Conservation and Recycling		X	2	1. Bocanegra-Martínez, A. 2. Ponce-Ortega, J.M. 3. Nápoles-Rivera F. 4. Serna-González, M. 5. Castro-Montoya, A.J. 6. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	SUSTAINABLE INTEGRATION OF ALGAL BIODIESEL PRODUCTION WITH STEAM ELECTRIC-POWER PLANTS FOR GREENHOUSE GAS MITIGATION. ISSN: 2168-0485 (IF 2015: 4.642). DOI: 10.1021/sc400436a. http://pubs.acs.org/doi/abs/10.1021/sc400436a .	ACS Sustainable Chemistry and Engineering		X	3	1. Gutierrez-Arriaga, C. G. 2. Serna-González M. 3. Ponce-Ortega, J.M. 4. El-Halwagi M.M.

JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	SUSTAINABLE INTEGRATION OF TRIGENERATION SYSTEMS WITH HEAT EXCHANGER NETWORKS. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/ie4021232. http://pubs.acs.org/doi/abs/10.1021/ie4021232.	Industrial and Engineering Chemistry Research				Mahmoud El-Halwagi null José María Ponce-Ortega null , Medardo Serna-Gonzalez null , Luis Fernando Lira-Barragan null ,
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	Siting optimization of facility and unit relocation with the simultaneous consideration of economic and safety issues. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/ie402242u. http://pubs.acs.org/doi/abs/10.1021/ie402242u.	Industrial and Engineering Chemistry Research	X		3	1.- Martinez-Gomez, J., 3.-Nápoles-Rivera, F., 3.- Ponce-Ortega, J.M., 4.- Serna-González, M., 5.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2014	Revistas Indizadas	WASTE HEAT RECOVERY THROUGH ORGANIC RANKINE CYCLES IN THE BIOETHANOL SEPARATION PROCESS. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/ie404202a. http://pubs.acs.org/doi/abs/10.1021/ie404202a.	Industrial and Engineering Chemistry Research.	X		4	1.-Hipólito-Valencia, B. J., 2.-Vázquez-Ojeda, M., 3.- Segovia-Hernández, J.G., 4.-Ponce-Ortega, J.M.
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	INDUSTRIAL WASTE HEAT RECOVERY AND COGENERATION INVOLVING ORGANIC RANKINE CYCLES (PRINT ISSN: 1618-954X; ONLINE ISSN: 1618-9558)	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	X		4	César Giovanni Gutiérrez-Arriaga, Faissal Abdelhady, Hisham M. Bamufleh, Medardo Serna González, Mahmoud M. El-Halwagi, José María Ponce-Ortega
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	MULTIOBJECTIVE DESIGN OF INTERPLANT TRIGENERATION SYSTEMS (PRINT ISSN: 0001-1541; ONLINE ISSN: 1547-5905)	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS JOURNAL	X		4	Brígido Jesús Hipólito-Valencia, Luis Fernando Lira-Barragán, José María Ponce-Ortega, Medardo Serna- González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	OPTIMAL DESIGN OF DOMESTIC WATER-HEATING SOLAR SYSTEMS (PRINT ISSN: 1618-954X; ONLINE ISSN: 1618-9558)	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	X		5	Aurora de Fátima Sánchez-Bautista, José Ezequiel Santibañez-Aguilar, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, Mahmoud M. El-Halwagi

MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL DESIGN OF INTER-PLANT WASTE ENERGY INTEGRATION (ISSN: 1359-4311)	APPLIED THERMAL ENGINEERIN G		X	4	Brígido J. Hipólito-Valencia, Eusiel Rubio-Castro, José María Ponce-Ortega, Medardo Serna-González, Fabricio Nápoles-Rivera, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL DESIGN OF MACROSCOPIC WATER NETWORKS UNDER PARAMETRIC UNCERTAINTY (ISSN: 0959-6526)	JOURNAL OF CLEANER PRODUCTIO N		X	4	Fabricio Nápoles-Rivera, Ma. Guadalupe Rojas-Torres, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL DESIGN OF PROCESS ENERGY SYSTEMS INTEGRATING SUSTAINABLE CONSIDERATIONS (0360-5442)	ENERGY		X	3	Luis Fernando Lira-Barragán, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL DESIGN OF RAINWATER COLLECTING SYSTEMS FOR DOMESTIC USE INTO A RESIDENTIAL DEVELOPMENT (ISNN: 0921-3449)	RESOURCES, CONSERVAT ION AND CLEANING		X	4	Andrea Bocanegra-Martínez, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, Agustín Jaime Castro-Montoya, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL DESIGN OF REUSING WATER SYSTEMS IN A HOUSING COMPLEX (PRINT ISSN: 1618-954X; ONLINE ISSN: 1618-9558)	CLEAN TECHNOLO GIES AND ENVIRONME NTAL POLICY		X	4	Mariana García- Montoya, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL DESIGN OF SUSTAINABLE WATER SYSTEMS FOR CITIES INVOLVING FUTURE PROJECTIONS (ISSN: 0098-1354)	COMPUTERS & CHEMICAL ENGINEERIN G		X	4	Ma. Guadalupe Rojas-Torres, Fabricio Nápoles-Rivera, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL PLANNING AND SITE SELECTION FOR DISTRIBUTED MULTIPRODUCT BIOREFINERIES INVOLVING ECONOMIC, ENVIRONMENTAL AND SOCIAL OBJECTIVES (ISSN: 0959-6526)	JOURNAL OF CLEANER PRODUCTIO N		X	4	José Ezequiel Santibañez-Aguilar, J. Betzabé González- Campos, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	OPTIMAL PLANNING OF A SUPPLY CHAIN FOR MULTI-PRODUCT GENERATION FROM MUNICIPAL SOLID WASTE (ISSN: 1974-9791)	CHEMICAL ENGINEERIN G TRANSACTI ONS		X	4	José Ezequiel Santibañez-Aguilar, José María Ponce-Ortega, J. Betzabé González- Campos, Medardo Serna-González, Mahmoud M. El-Halwagi

MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	OPTIMAL PLANNING OF A SUPPLY CHAINS FOR MULTI-PRODUCT GENERATION FROM MUNICIPAL SOLID WASTE	CHEMICAL ENGINEERING TRANSACTIONS				J. BETZABÉ GONZÁLEZ-CAMPOS JOSÉ MARÍA PONCE-ORTEGA , JOSÉ EZEQUIEL SANTIBAÑEZ-AGUILAR , MEDARDO SERNA GONZÁLEZ , MAHMOUD M. EL- HALWAGI ,
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	OPTIMAL RECONFIGURATION OF WATER NETWORKS BASED ON PROPERTIES (PRINT ISSN: 1618-954X; ONLINE ISSN: 1618-9558)	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY		X	4	César Sotelo-Pichardo, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna-González, Mahmoud M. El-Halwagi, Sergio Fraustro-Hernández
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	OPTIMIZATION OF FACILITY SITING AND UNIT RELOCATION WITH THE SIMULTANEOUS CONSIDERATION OF ECONOMIC AND SAFETY ISSUES (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH		X	4	Juan Martinez-Gomez, Fabricio Nápoles-Rivera, José María Ponce- Ortega, Medardo Serna- González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	OPTIMIZATION OF FACILITY SITING AND UNIT RELOCATION WITH THE SIMULTANEOUS CONSIDERATION OF ECONOMIC AND SAFETY ISSUES (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH				MEDARDO SERNA-GONZÁLEZ MAHMOUD M. EL-HALWAGI , JOSÉ MARÍA PONCE-ORTEGA , FABRICIO NÁPOLES-RIVERA , JUAN MARTINEZ-GOMEZ ,
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	OPTIMIZATION OF THE SUPPLY CHAIN ASSOCIATED TO THE PRODUCTION OF BIOETHANOL FROM RESIDUES OF AGAVE FROM THE TEQUILA PROCESS IN MEXICO (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH		X	5	Pascual Eduardo Murillo-Alvarado, José Ezequiel Santibañez- Aguilar, José María Ponce-Ortega, Agustín Jaime Castro-Montoya, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	OPTIMUM HEAT STORAGE DESIGN FOR SOLAR- DRIVEN ABSORPTION REFRIGERATORS INTEGRATED WITH HEAT EXCHANGER NETWORKS (PRINT ISSN: 0001-1541; ONLINE ISSN: 1547-5905)	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS JOURNAL		X	3	Luis Fernando Lira-Barragán, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2014	Revistas Indizadas	SUSTAINABLE INTEGRATION OF ALGAL BIODIESEL PRODUCTION WITH STEAM ELECTRIC POWER PLANTS FOR GREENHOUSE GAS MITIGATION (WEB EDITION ISSN: 2168-0485)	ACS SUSTAINABLE CHEMISTRY & ENGINEERING		X	2	César G. Gutiérrez-Arriaga, Medardo Serna González, José María Ponce-Ortega, Mahmoud M. El-Halwagi

MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	SUSTAINABLE INTEGRATION OF ALGAL BIODIESEL PRODUCTION WITH STEAM ELECTRIC POWER PLANTS FOR GREENHOUSE GAS MITIGATION (WEB EDITION ISSN: 2168-0485)	ACS SUSTAINABLE CHEMISTRY & ENGINEERING				MAHMOUD M. EL- HALWAGI MEDARDO SERNA GONZÁLEZ , CÉSAR G. GUTIÉRREZ- ARRIAGA , JOSÉ MARÍA PONCE- ORTEGA ,
MEDARDO SERNA GONZALEZ	2014	Revistas Indizada s	SUSTAINABLE INTEGRATION OF TRIGENERATION SYSTEMS WITH HEAT EXCHANGER NETWORKS (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH		X	4	Luis Fernando Lira- Barragán, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
AGUSTIN JAIME CASTRO MONTOYA	2013	Revistas Indizada s	Análisis de factibilidad del proceso de producción de biodiesel a partir de dos aceites no comestibles	CIENCIA, TECNOLOGÍA E INNOVACIÓN PARA EL DESARROLLO DE MÉXICO				M.C. CHAVEZ-PARGA null A.J. CASTRO- MONTOYA null , J. LARA-ROMERO null , J. G. SEGOVIA- HERNANDEZ null , D. ALVAREZ- BARRERA null ,
AGUSTIN JAIME CASTRO MONTOYA	2013	Revistas Indizada s	FUZZY CONTROL OF A NON- LINEAR SYSTEM WITH INVERSE RESPONSE: VAN DE VUSSE REACTION. ISSN (ONLINE):2278-5299	International Journal of Latest Research in Science and Technology		X	1	Hugo Ojeda-Elizarras, Rafael Maya-Yescas, Salvador Hernández Castro, Juan Gabriel Segovia Hernández and Agustín Jaime Castro- Montoya
AGUSTIN JAIME CASTRO MONTOYA	2013	Revistas Indizada s	OPTIMIZATION OF PATHWAYS FOR BIOREFINERIES INVOLVING THE SELECTION OF FEEDSTOCKS, PRODUCTS, AND PROCESSING STEPS	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH				MAHMOUD M. EL- HALWAGI null MEDARDO SERNA-GONZALEZ null , JOSE MARIA PONCE- ORTEGA null , AGUSTIN JAIME CASTRO- MONTOYA null , PASCUAL EDUARDO MURILLO ALVARADO
FABRICIO NAPOLES RIVERA	2013	Revistas Indizada s	INCORPORATING PROPERTY-BASED WATER NETWORKS AND SURROUNDING WATERSHEDS IN SITE SELECTION OF INDUSTRIAL FACILITIES ISSN: 0888-5885	Industrial & Engineering Chemistry Research		X	3	Luis Fernando Lira- Barragán, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, and Mahmoud M. El-Halwagi
FABRICIO NAPOLES RIVERA	2013	Revistas Indizada s	ON THE ENVIRONMENTAL, ECONOMIC AND SAFETY OPTIMIZATION OF DISTRIBUTED TREATMENT SYSTEMS FOR INDUSTRIAL EFFLUENTS DISCHARGED TO WATERSHEDS. ISSN: 0950-4230	Journal of Loss Prevention in the Process Industries		X	3	Juan Martínez Gómez, Oscar Burgara Montero, Fabricio Nápoles-Rivera, Medardo Serna- González, Mahmoud M. El-Halwagi, José María Ponce-Ortega
FABRICIO NAPOLES RIVERA	2013	Revistas Indizada s	OPTIMAL INTEGRATION OF ORGANIC RANKINE CYCLES WITH INDUSTRIAL PROCESSES. ISSN: 0196-8904	Energy Conversion and Management		X	4	Brígido J. Hipólito- Valencia, Eusiel Rubio- Castro, José M. Ponce- Ortega, Medardo Serna- González ,Fabricio Nápoles-Rivera, Mahmoud M. El-Halwagi

Autor	Año de publicación	Tipo de artículo	Título del artículo	Revista de publicación	Autor principal	Varios autores	Posición del autor	Lista de autores
FABRICIO NAPOLES RIVERA	2013	Revistas Indizadas	Optimal integration of organic Rankine cycles with industrial processes	Energy Conversion and Management				Fabricio Nápoles-Rivera null José M. Ponce- Ortega null , Mahmoud M. El-Halwagi null , Medardo Serna-González null , Eusiel Rubio-Castro null , Brígido J. Hipólito-Valencia null ,
FABRICIO NAPOLES RIVERA	2013	Revistas Indizadas	SIMULTANEOUS OPTIMIZATION OF ENERGY MANAGEMENT, BIOCIDES DOSING AND MAINTENANCE SCHEDULING OF THERMALLY INTEGRATED FACILITIES. ISSN: 0196-8904	Energy Conversion and Management		X	1	Fabricio Nápoles-Rivera, Medardo Serna- González, Abdullah Bin- Mahfouz, Arturo Jiménez-Gutiérrez, Mahmoud M. El- Halwagi, José María Ponce-Ortega
FABRICIO NAPOLES RIVERA	2013	Revistas Indizadas	SUSTAINABLE WATER MANAGEMENT FOR MACROSCOPIC SYSTEMS. ISSN: 0959-6526	Journal of Cleaner Production		X	1	Fabricio Nápoles-Rivera, Medardo Serna- González, Mahmoud M. El-Halwagi, José María Ponce-Ortega
FABRICIO NAPOLES RIVERA	2013	Revistas Indizadas	SYNTHESIS OF WATER NETWORKS INVOLVING TEMPERATURE-BASED PROPERTY OPERATORS AND THERMAL EFFECTS. ISSN: 0888-5885	Industrial & Engineering Chemistry Research		X	4	Ma.Guadalupe Rojas-Torres, José María Ponce-Ortega, Medardo Serna-González, Fabricio Nápoles-Rivera, and Mahmoud M.El- Halwagi
FABRICIO NAPOLES RIVERA	2013	Revistas Indizadas	Simultaneous optimization of energy management, biocide dosing and maintenance scheduling of thermally integrated facilities	Energy Conversion and Management				Fabricio Nápoles-Rivera null Abdullah Bin- Mahfouz null , Arturo Jiménez-Gutiérrez null , Mahmoud M. El- Halwagi null , José María Ponce-Ortega null , Medardo Serna-González null ,
FABRICIO NAPOLES RIVERA	2013	Revistas Indizadas	Sustainable water management for macroscopic systems	Journal of Cleaner Production				Medardo Serna- González null Mahmoud M. El-Halwagi null , José María Ponce-Ortega null , Fabricio Nápoles-Rivera null ,
FABRICIO NAPOLES RIVERA	2013	Revistas Indizadas	Synthesis of water networks involving temperature-based property operators and thermal effects	Industrial and Engineering Chemistry Research				Fabricio Nápoles-Rivera null Medardo Serna-González null , Ma Guadalupe Rojas-Torres null , Mahmoud M. El-Halwagi null , José María Ponce-Ortega null ,

JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	A MULTI- OBJECTIVE APPROACH FOR PROPERTY-BASED SYNTHESIS OF INTENSIFIED BATCH WATER NETWORKS. ISSN: 0255-2701. (IF-2015: 2.071). doi:10.1016/j.cep.2012.12.001. http://www.sciencedirect.com/science/article/pii/S0255270112002280 .	Chemical Engineering and Processing - Process Intensification				Juan Gabriel Sergio-Hernández, José María Ponce-Ortega, Mahmoud M. El-Halwagi, José Antonio Vázquez-Castillo,
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	A SYSTEMATIC APPROACH FOR SYNTHESIZING COMBINED MASS AND HEAT EXCHANGE NETWORKS. ISSN: 0098-1354. (IF 2015: 2.784). doi:10.1016/j.compchemeng.2013.02.005. http://www.sciencedirect.com/science/article/pii/S0098135413000525 .	Computers and Chemical Engineering	X		4	Liu, L., Du, J., El-Halwagi, M.M., Ponce-Ortega, J.M., Yao, P.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	GLOBAL OPTIMIZATION IN PROPERTY-BASED INTER-PLANT WATER INTEGRATION. ISSN: 1547-5905 (IF-2015: 2.748). DOI:10.1002/aic.13874. http://onlinelibrary.wiley.com/doi/10.1002/aic.13874/abstract .	AIChE Journal	X		2	1.-Rubio-Castro, E. 2.- Ponce-Ortega, J.M. 3.- Serna-González, M. 4.- El-Halwagi, M.M., 5.-Pham, V.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	INCORPORATING MASS AND ENERGY INTEGRATION IN THE OPTIMAL BIOETHANOL SEPARATION PROCESS. ISSN: 1521-4125 (IF-2015: 2.442). DOI:10.1002/ceat.201300182. http://onlinelibrary.wiley.com/doi/10.1002/ceat.201300182/abstract .	Chemical Engineering and Technology.	X		3	1.- Vázquez-Ojeda, M. 2.- Segovia-Hernández, J.G. 3.- Ponce-Ortega, J.M.

JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	INCORPORATING MASS AND ENERGY INTEGRATION IN THE OPTIMAL BIOETHANOL SEPARATION PROCESS. ISSN: 1521-4125 (IF-2015: 2.442). DOI:10.1002/ceat.201300182. http://onlinelibrary.wiley.com/doi/10.1002/ceat.201300182/abstract .	Chemical Engineering and Technology.				Maria Vazquez-Ojeda null Juan Gabriel Segovia-Hernandez null , José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	INCORPORATING THE PROPERTY-BASED WATER NETWORKS AND SURROUNDING WATERSHEDS IN SITE SELECTION OF INDUSTRIAL FACILITIES. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/ie3003792. http://pubs.acs.org/doi/abs/10.1021/ie3003792 .	Industrial and Engineering Chemistry Research	X		2	1.- Lira-Barragán, L.F. 2.- Ponce-Ortega, J.M. 3.- Nápoles-Rivera, F. 4.- Serna-González, M. 5.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	INCORPORATION OF THE SEASONAL VARIATIONS IN THE OPTIMAL TREATMENT OF THE EFFLUENTS DISCHARGED TO THE WATERSHEDS. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/ie303065h. http://pubs.acs.org/doi/abs/10.1021/ie303065h .	Industrial and Engineering Chemistry Research				Mahmoud M. El-Halwagi null Oscar Burgara-Montero null , Medardo Serna-Gonzalez null , José María Ponce-Ortega null ,
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	MULTI-OBJECTIVE OPTIMIZATION OF BIOREFINERIES WITH ECONOMIC AND SAFETY OBJECTIVES. ISSN: 1547-5905 (IF-2015: 2.748). DOI:10.1002/aic.14030. http://onlinelibrary.wiley.com/doi/10.1002/aic.14030/full .	AIChE Journal	X		3	1. El-Halwagi, A., 2. Rosas, C., 3. Ponce-Ortega, J.M., 4. Jiménez-Gutiérrez, A., 5. Mannan, M.S., 6. El-Halwagi, M.M.

JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	MULTI-OBJECTIVE OPTIMIZATION OF PROCESS COGENERATION SYSTEMS WITH ECONOMIC, ENVIRONMENTAL, AND SOCIAL TRADEOFFS. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-012-0497-y. http://link.springer.com/article/10.1007/s10098-012-0497-y .	Clean Technologies and Environmental Policy		X	2	1.-Bamufleh, H.S. 2.- Ponce-Ortega, J.M. 3.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	MULTI-OBJECTIVE OPTIMIZATION OF STEAM POWER PLANTS FOR SUSTAINABLE GENERATION OF ELECTRICITY. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-012-0556-4. http://link.springer.com/article/10.1007/s10098-012-0556-4 .	Clean Technologies and Environmental Policy		X	3	1. Gutiérrez-Arriaga, C. G., 2. Serna-González, M., 3. Ponce-Ortega, J.M., 4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	ON THE ENVIRONMENTAL, ECONOMIC AND SAFETY OPTIMIZATION OF DISTRIBUTED TREATMENT SYSTEMS FOR INDUSTRIAL EFFLUENTS DISCHARGED TO WATERSHEDS. ISSN: 0950-4230. doi:10.1016/j.jlp.2013.02.010.	Journal of Loss Prevention in the Process Industries		X	3	Martinez-Gomez, J., Burgara-Montero, O., Ponce-Ortega, J.M., Nápoles-Rivera, F., Serna-González, M., El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	OPTIMAL DESIGN OF A DISTRIBUTED TREATMENT SYSTEM FOR INCREASING DISSOLVED OXYGEN IN WATERSHEDS THROUGH SELF-ROTATING DISCS. ISSN: 2168-0485 (IF 2015: 4.642). DOI:10.1021/sc400138v. http://pubs.acs.org/doi/abs/10.1021/sc400138v .	ACS Sustainable Chemistry and Engineering				Mahmoud M. El-Halwagi null Amro A. El-Baz null , José María Ponce-Ortega null , Oscar Burgara-Montero null ,

JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	OPTIMAL INTEGRATION OF ORGANIC RANKINE CYCLES WITH INDUSTRIAL PROCESSES. ISSN: 0196-8904. (IF-2015: 4.380). doi:10.1016/j.enconman.2013.04.036. http://www.sciencedirect.com/science/article/pii/S0196890413002331 .	Energy Conversion and Management		X	3	1.- Hipólito-Valencia, B. J., 2.- Rubio-Castro, E., 3.- Ponce-Ortega, J.M., 4.- Serna-González, M., 5.- Nápoles-Rivera, F., 6.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	OPTIMAL INTEGRATION OF THE GASEOUS EMISSIONS FROM NEW INDUSTRIAL PLANTS WITH THE SURROUNDINGS. ISSN: 1618-9558 (IF 2015: 1.934). DOI:10.1007/s10098-012-0487-0. http://link.springer.com/article/10.1007/s10098-012-0487-0 .	Clean Technologies and Environmental Policy		X	2	1.-Murillo-Alvarado, P. E. 2.- Ponce-Ortega, J.M. 3.- El-Halwagi, M.M. 4.- Segovia-Hernández, J.G.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	OPTIMAL PLANNING FOR THE SUSTAINABLE UTILIZATION OF MUNICIPAL SOLID WASTE. ISSN: 0956-053X (IF-2015: 3.220). doi:10.1016/j.wasman.2013.08.010. http://www.sciencedirect.com/science/article/pii/S0956053X13003838 .	Waste Management		X	2	1.- Santibañez-Aguilar, J.E. 2.- Ponce-Ortega, J.M. 3.- González-Campos, J.B. 4.- Serna-González, M. 5.- El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizadas	OPTIMAL PLANNING FOR THE SUSTAINABLE UTILIZATION OF MUNICIPAL SOLID WASTE. ISSN: 0956-053X (IF-2015: 3.220). doi:10.1016/j.wasman.2013.08.010. http://www.sciencedirect.com/science/article/pii/S0956053X13003838 .	Waste Management				M. 5.- EL-HALWAGI 1.- SANTIBAÑEZ-AGUILAR, J.M. 3.- GONZÁLEZ-CAMPOS, J.B. 4.- SERNA-GONZÁLEZ, José María Ponce-Ortega null,

JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	OPTIMIZATION OF PATHWAYS FOR BIOREFINERIES INVOLVING THE SELECTION OF FEEDSTOCKS, PRODUCTS AND PROCESSING STEPS. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021 /ie303428v. http: //pubs.acs. org/doi/abs/10. 1021/ie303428v.	Industrial and Engineering Chemistry Research		X	2	1.- Murillo-Alvarado, P. E., 2.- Ponce-Ortega, J.M., 3.- Serna-González, M., 4.- Castro-Montoya, A.J. 5.-El- Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SIMULTANEOUS OPTIMIZATION OF ENERGY MANAGEMENT, BIOCIDE DOSING AND MAINTENANCE SCHEDULING OF THERMALLY INTEGRATED FACILITIES. ISSN: 0196-8904. (IF- 2015: 4.380). doi: 10.1016/j. enconman. 2012.09.033.	Energy Conversion and Managemen t				Abdullah Bin-Mahfouz null Medardo Serna- Gonzalez null , Arturo Jimenez-Gutierrez null , Fabricio Napoles- Rivera null , José María Ponce- ORTEga null ,
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SUSTAINABLE WATER MANAGEMENT FOR MACROSCOPIC SYSTEMS. ISSN: 0959-6526 (IF 2015: 3.844). doi:10.1016/j. jclepro. 2013.01.038. http://www. sciencedirect. com/science/artic le/pii/S09596526 13000437.	Journal of Cleaner Production		X	4	1. Nápoles-Rivera, F. 2. Serna-González, M. 3. El-Halwagi, M.M. 4. Ponce-Ortega, J.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SYNTHESIS OF COOLING WATER SYSTEMS WITH MULTIPLE COOLING TOWERS. ISSN: 1359-4311 (IF 2015: 2.739). DOI: 10.1016/j. applthermaleng. 2012.06.015. http://www. sciencedirect. com/science/artic le/pii/S13594311 1200436X.	Applied Thermal Engineering .		X	3	1.-Rubio-Castro, E. 2.- Serna-González, M. 3.- Ponce-Ortega, J.M. 4.- El-Halwagi, M.M.

JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SYNTHESIS OF DISTRIBUTED BIOREFINING NETWORKS FOR THE VALUE- ADDED PROCESSING OF WATER HYACINTH. ISSN: 2168-0485 (IF 2015: 4.642). DOI:10.1021 /sc300137a. http: //pubs.acs. org/doi/abs/10. 1021/sc300137a.	ACS Sustainable Chemistry & Engineering		X	2	1. Santibañez-Aguilar, J. E., 2. Ponce-Ortega, J.M., 3. González-Campos, J. B., 4. Serna-González, M., 5. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SYNTHESIS OF DISTRIBUTED BIOREFINING NETWORKS FOR THE VALUE- ADDED PROCESSING OF WATER HYACINTH. ISSN: 2168-0485 (IF 2015: 4.642). DOI:10.1021 /sc300137a. http: //pubs.acs. org/doi/abs/10. 1021/sc300137a.	ACS Sustainable Chemistry & Engineering				Medardo Serna- Gonzalez null José María Ponce- Ortega null , J. Betzabe Gonzalez- Campos null , Mahmoud M. El-Halwagi null , José Ezequiel Santibañez-Aguilar null ,
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SYNTHESIS OF INTEGRATED REFRIGERATION SYSTEMS INVOLVING ECONOMIC AND ENVIRONMENTAL IMPACTS AND QUANTIFYING SOCIAL BENEFITS. ISSN: 1359-4311 (IF 2015: 2.739). doi:10.1016/j. applthermaleng. 2012.11.047.	Applied Thermal Engineering		X	2	1. Lira-Barragán, L.F., 2. Ponce-Ortega, J.M., 3. Serna-González, M., 4. El-Halwagi, M.M.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SYNTHESIS OF WATER NETWORKS INVOLVING TEMPERATURE- BASED PROPERTY OPERATORS AND THERMAL INTEGRATION. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021 /ie301433w. http://pubs.acs. org/doi/abs/10. 1021/ie301433w.	Industrial and Engineering Chemistry Research				Medardo Serna- Gonzalez null Mahmoud M. El-Halwagi null , MA Guadalupe Rojas-Torres null , José María Ponce- Ortega null , Fabricio Napoles-Rivera null ,

JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SYSTEMATIC SYNTHESIS OF MASS EXCHANGE NETWORKS FOR MULTI-COMPONENT SYSTEMS. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/ie400807m. http://pubs.acs.org/doi/abs/10.1021/ie400807m .	Industrial and Engineering Chemistry Research		X	4	1.- Liu, Linlin 2.- El-Halwagi, Mahmoud 3.- Du, Jian 4.- Ponce-Ortega, Jose Maria 5.- Yao, Pingjing.
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	SYSTEMATIC SYNTHESIS OF MASS EXCHANGE NETWORKS FOR MULTI-COMPONENT SYSTEMS. ISSN: 0888-5885. (IF 2015: 2.587). DOI:10.1021/ie400807m. http://pubs.acs.org/doi/abs/10.1021/ie400807m .	Industrial and Engineering Chemistry Research				José Maria Ponce- Ortega null Pingjing Yao null , Mahmoud M. El- Halwagi null , Jian Du null , Linlin Liu null ,
JOSE MARIA PONCE ORTEGA	2013	Revistas Indizada s	Synthesis of multi-component Mass-exchange Networks. ISSN: 1004-9541 (IF-2015: 1.098). doi:10.1016/S1004-9541(13)60467-X. http://www.sciencedirect.com/science/article/pii/S100495411360467X .	Chinese Journal of Chemical Engineering		X	4	1. Liu, L. 2. Du, J. 3. El-Halwagi, M. M. 4. Ponce-Ortega, J. M. 5. Yao, P.
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	GLOBAL OPTIMIZATION IN PROPERTY-BASED INTER-PLANT WATER INTEGRATION (PRINT ISSN: 0001-1541; ONLINE ISSN: 1547-5905)	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS JOURNAL		X	3	Eusiel Rubio-Castro, José María Ponce- Ortega, Medardo Serna- González, Mahmoud M. El-Halwagi, Viet Pham
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	GLOBAL OPTIMIZATION IN PROPERTY-BASED INTER-PLANT WATER INTEGRATION (PRINT ISSN: 0001-1541; ONLINE ISSN: 1547-5905)	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS JOURNAL				MEDARDO SERNA-GONZÁLEZ VIET PHAM , JOSÉ MARÍA PONCE-ORTEGA , EUSIEL RUBIO-CASTRO , MAHMOUD M. EL-HALWAGI ,
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	INCORPORATING THE PROPERTY-BASED WATER NETWORKS AND SURROUNDING WATERSHEDS IN SITE SELECTION OF INDUSTRIAL FACILITIES (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERIN G CHEMISTRY RESEARCH		X	4	Luis Fernando Lira-Barragán, José María Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, Mahmoud M. El-Halwagi

MEDARDO SERNA GONZALEZ	2013	Revistas Indizadas	INCORPORATING THE PROPERTY-BASED WATER NETWORKS AND SURROUNDING WATERSHEDS IN SITE SELECTION OF INDUSTRIAL FACILITIES (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH				LUIS FERNANDO LIRA-BARRAGÁN FABRICIO NÁPOLES-RIVERA , MAHMOUD M. EL-HALWAGI , JOSÉ MARÍA PONCE-ORTEGA , MEDARDO SERNA-GONZÁLEZ ,
MEDARDO SERNA GONZALEZ	2013	Revistas Indizadas	INCORPORATION OF THE SEASONAL VARIATIONS IN THE OPTIMAL TREATMENT OF INDUSTRIAL EFFLUENTS DISCHARGED TO WATERSHEDS (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH		X	3	Oscar Burgara-Montero, José María Ponce- Ortega, Medardo Serna- González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2013	Revistas Indizadas	MULTI-OBJECTIVE OPTIMIZATION OF STEAM POWER PLANTS FOR SUSTAINABLE GENERATION OF ELECTRICITY (PRINT ISSN: 1618-954X; ONLINE ISSN: 1618-9558)	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY				MAHMOUD M. EL-HALWAGI JOSÉ MARÍA PONCE-ORTEGA , CÉSAR G. GUTIÉRREZ- ARRIAGA , MEDARDO SERNA-GONZÁLEZ ,
MEDARDO SERNA GONZALEZ	2013	Revistas Indizadas	ON THE ENVIRONMENTAL, ECONOMIC AND SAFETY OPTIMIZATION OF DISTRIBUTED TREATMENT SYSTEMS FOR INDUSTRIAL EFFLUENTS DISCHARGED TO WATERSHEDS (ISSN: 0950-4230).	JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES		X	5	Juan Martinez-Gomez, Oscar Burgara-Montero, José M. Ponce-Ortega, Fabricio Nápoles-Rivera, Medardo Serna- González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2013	Revistas Indizadas	OPTIMAL INTEGRATION OF ORGANIC RANKINE CYCLES WITH INDUSTRIAL PROCESSES (ISSN: 0196-8904)	ENERGY CONVERSION AND MANAGEMENT		X	4	BRIGIDO J. HIPOLITO-VALENCIA, EUSIEL RUBIO-CASTRO, JOSE M. PONCE-ORTEGA, MEDARDO SERNA- GONZALEZ, FABRICIO NAPOLES-RIVERA, MAHMOUD M. EL-HALWAGI
MEDARDO SERNA GONZALEZ	2013	Revistas Indizadas	OPTIMAL INTEGRATION OF ORGANIC RANKINE CYCLES WITH INDUSTRIAL PROCESSES (ISSN: 0196-8904)	ENERGY CONVERSION AND MANAGEMENT				EUSIEL RUBIO-CASTRO JOSE M. PONCE-ORTEGA , MAHMOUD M. EL-HALWAGI , BRIGIDO J. HIPOLITO-VALENCIA , MEDARDO SERNA-GONZALEZ , FABRICIO NAPOLES-RIVERA ,
MEDARDO SERNA GONZALEZ	2013	Revistas Indizadas	OPTIMAL PLANNING FOR THE SUSTAINABLE UTILIZATION OF MUNICIPAL SOLID WASTE (ISSN: 0956-053X)	WASTE MANAGEMENT		X	4	José Ezequiel Santibañez-Aguilar, José María Ponce-Ortega, J. Betzabé González- Campos, Medardo Serna-González, Mahmoud M. El-Halwagi

MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	OPTIMIZATION OF PATHWAYS FOR BIOREFINERIES INVOLVING THE SELECTION OF FEEDSTOCKS, PRODUCTS AND PROCESSING STEPS (ISSN: 0888-5885).	INDUSTRIAL AND ENGINEERIN G CHEMISTRY RESEARCH				MEDARDO SERNA-GONZÁLEZ AGUSTÍN JAIME CASTRO-MONTOYA , JOSÉ MARÍA PONCE-ORTEGA , PASCUAL EDUARDO MURILLO-ALVARADO , MAHMOUD M. EL-HALWAGI ,
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	SIMULTANEOUS OPTIMIZATION OF ENERGY MANAGEMENT, BIOCIDES DOSING AND MAINTENANCE SCHEDULING OF THERMALLY INTEGRATED FACILITIES (ISSN: 0196-8904)	ENERGY CONVERSION AND MANAGEMENT		X	2	Fabricio Nápoles-Rivera, Medardo Serna- González, Abdullah Bin- Mahfou, Arturo Jiménez-Gutiérrez, Mahmoud M. El-Halwagi, José María Ponce-Ortega
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	SUSTAINABLE WATER MANAGEMENT FOR MACROSCOPIC SYSTEMS (ISSN: 0959-6526)	JOURNAL OF CLEANER PRODUCTION		X	2	Fabricio Nápoles-Rivera, Medardo Serna- González, Mahmoud M. El-Halwagi, José María Ponce-Ortega
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	SUSTAINABLE WATER MANAGEMENT FOR MACROSCOPIC SYSTEMS (ISSN: 0959-6526)	JOURNAL OF CLEANER PRODUCTION				MAHMOUD M. EL-HALWAGI MEDARDO SERNA-GONZÁLEZ , FABRICIO NÁPOLES-RIVERA , JOSÉ MARÍA PONCE-ORTEGA ,
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	SYNTHESIS OF COOLING WATER SYSTEMS WITH MULTIPLE COOLING TOWERS (ISSN: 1359-4311)	APPLIED THERMAL ENGINEERING		X	2	Eusiel Rubio-Castro, Medardo Serna- González, José María Ponce-Ortega, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	SYNTHESIS OF DISTRIBUTED BIOREFINING NETWORKS FOR THE VALUE- ADDED PROCESSING OF WATER HYACINTH (ISSN: 2168-0485)	ACS SUSTAINABLE CHEMISTRY AND ENGINEERING		X	4	José Ezequiel Santibañez-Aguilar, José María Ponce-Ortega, J. Betzabé González- Campos, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	SYNTHESIS OF INTEGRATED ABSORPTION REFRIGERATION SYSTEMS INVOLVING ECONOMIC AND ENVIRONMENTAL OBJECTIVES AND QUANTIFYING SOCIAL BENEFITS (ISSN: 1359-4311)	APPLIED THERMAL ENGINEERING		X	3	Luis Fernando Lira-Barragán, José María Ponce-Ortega, Medardo Serna-González, Mahmoud M. El-Halwagi
MEDARDO SERNA GONZALEZ	2013	Revistas Indizada s	SYNTHESIS OF WATER NETWORKS INVOLVING TEMPERATURE-BASED PROPERTY OPERATORS AND THERMAL EFFECTS (ISSN: 0888-5885)	INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH		X	3	Ma. Guadalupe Rojas-Torres, José María Ponce-Ortega, Medardo Serna-González, Fabricio Nápoles-Rivera, Mahmoud M. El-Halwagi

