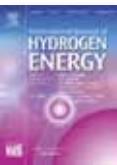


Seguimiento de la producción de artículos publicados en revistas con factor de impacto del personal académico del II

Para informar sobre la publicación de artículos indizados en revistas del *Journal Citation Report (JCR)* por parte del personal académico del Instituto, y con ello darle seguimiento a la meta institucional de un artículo

del *JCR* por investigador y por año, la USI-Biblioteca mantendrá un servicio de alerta mensual sobre este tipo de producto académico con base en el monitoreo de la Web of Science.

ACUMULATIVO A LOS MESES DE DICIEMBRE DE 2014 Y ENERO DE 2015: 134

- 
Avilés, J. D. y Moreno, J. A. (2013). Preserving order observers for nonlinear systems, *International Journal of Robust and Nonlinear Control* 24(16), pp. 2153-217. FI: 2.652
- 
Botero-Jaramillo, Eduardo, Miguel P. Romo, Bogart Méndez y Humberto Marengo (2014). Use of the Distinct Element Method as a Tool to Detect Stability Problems in Deep Spillway Excavations, *Tecnología y Ciencias del Agua* 5(4), pp. 187-196. FI: 0.086
- 
Buitrón, G., D. Prato-García y A. Zhang (2014). Biohydrogen production from tequila vinasses using a fixed bed reactor, *Water Science and Technology* 70(12), pp. 1919-1925. FI: 1.102
- 
Buitrón, G., G. Kumar, A. Martínez-Arce y G. Moreno (2014). Hydrogen and methane production via a two-stage processes (H₂-SBR + CH₄-UASB) using tequila vinasses, *International Journal of Hydrogen Energy* 39(33), pp. 19249-19255. FI: 2.930
- 
Buitrón, G. e I. Moreno-Andrade (2014). Performance of a single-chamber microbial fuel cell degrading phenol: Effect of phenol concentration and external resistance, *Applied Biochemistry and Biotechnology* 174(7), pp. 2471-2481. FI: 1.687



- 
Campuzano, R. y S. González-Martínez (2015). Extraction of soluble substances from organic solid municipal waste to increase methane production, *Bioresource Technology* 178, 247-253. FI: 5.039



- 
Castillo-Téllez, Margarita, Isaac Pilatowsky-Figueras, Aarón Sánchez-Juárez y José Luis Fernández-Zayas (2015). Experimental study on the air velocity effect on the efficiency and fresh water production in a forced convective double slope solar still, *Applied Thermal Engineering* 75, pp. 1192-1200. FI: 2.624



- 
Delgadillo-Calzadilla, M. A., E. Mendoza, R. Silva, J. A. González-Vázquez y D. Infante-Mata (2014). Beach erosion in San Benito Chiapas, México: Assessment and possible solution, *Journal of Coastal Research*, Special Issue 71, pp. 114-121. FI: 0.755



- 
Escudero, M., R. Silva y E. Mendoza (2014). Beach erosion driven by natural and human activity at Isla del Carmen barrier island, Mexico, *Journal of Coastal Research*, Special Issue 71, pp. 62-74. FI: 0.755



- 
Espejel-Ayala, F., R. C. Corella, A. M. Pérez, R. Pérez-Hernández y R. M. Ramírez-Zamora (2014). Carbon dioxide capture utilizing zeolites synthesized with paper sludge and scrap-glass, *Waste Management and Research* 32(12), pp. 1219-1226. FI: 1.114

- Figuerola-Espinoza, Bernardo y Paulo Salles (2014). Local Monin-Obukhov similarity in heterogeneous terrain, *Atmospheric Science Letters* 15(4), pp. 299-306. Fl: 1.876



- Godínez, F. A., E. de la Calleja, E. Lauga y R. Zenit (2014). Sedimentation of a rotating sphere in a power-law fluid, *Journal of Non-Newtonian Fluid Mechanics* 213, pp. 27-30. Fl: 1.944



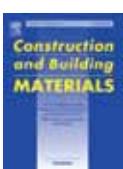
- González-Sánchez, A., L. Arellano-García, W. Bonilla-Blancas, G. Baquerizo, S. Hernández, D. Gabriel y S. Revah (2014). Kinetic characterization by respirometry of volatile organic compound-degrading biofilms from gas-phase biological filters, *Industrial and Engineering Chemistry Research* 53(50), pp. 19405-19415. Fl: 2.235



- González-Vázquez, J. A., R. Silva, E. Mendoza y M. A. Delgadillo-Calzadilla (2014). Towards coastal management of a degraded system: Barra de Navidad, Jalisco, Mexico, *Journal of Coastal Research*, Special Issue 71, pp. 107-113. Fl: 0.755



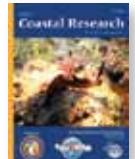
- Hernández Noguera, J. A., H. A. Rondón Quintana y W. D. Fernández Gómez (2014). The influence of water on the oxidation of asphalt cements, *Construction and Building Materials* 71, pp. 451-455. Fl: 2.265



- Jiménez, J., Y. Guardia-Puebla, M. E. Cisneros-Ortiz, J. M. Morgan-Sagastume, G. Guerra y A. Noyola (2015). Optimization of the specific methanogenic activity during the anaerobic co-digestion of pig manure and rice straw, using industrial clay residues as inorganic additive, *Chemical Engineering Journal* 259, pp. 703-714. Fl: 2.975



- Jiménez, J., Y. Guardia-Puebla, O. Romero-Romero, M. E. Cisneros-Ortiz, G. Guerra, J. M. Morgan-Sagastume y A. Noyola (2014). Methanogenic activity optimization using the response surface methodology, during the anaerobic co-digestion of agriculture and industrial wastes. Microbial community diversity, *Biomass and Bioenergy* 71, pp. 84-97. Fl: 2.975



- Martínez, R. E. M., R. Silva y E. Mendoza (2014). Identification of coastal erosion causes in Matanchén Bay, San Blas, Nayarit, Mexico, *Journal of Coastal Research*, Special Issue 71, pp. 93-99. Fl: 0.755



- Mendez-Arriaga, Fabiola y Rafael Almanza (2014). Water remediation by UV-vis/H₂O₂ process, photo-Fenton-like oxidation, and zeolite ZSM5, *Desalination and Water Treatment* 52, pp. 5822-5832. Fl: 0.987



- Murià-Vila, D., A. R. Sánchez-Ramírez, C. H. Huerta-Carpizo, G., J. C. Aguilar Pérez, y R. E. Carrillo Cruz (2014). Field tests of elevated viaducts in Mexico City, *Journal of Structural Engineering* (United States) 141(1). Fl: 1.488



- Odériz, I., E. Mendoza, C. Leo, G. Santoyo, R. Silva, R. Martínez y R. López (2014). An alternative solution to erosion problems at Punta Bete-Punta Maroma, Quintana Roo, Mexico: Conciliating tourism and nature, *Journal of Coastal Research*, Special Issue 71, pp. 75-85. Fl: 0.755



- Orvando Shelley, Efraín; Vanessa Mussio, Miguel Rodríguez, Chang Acosta y G. José (2015). Evaluation of soil liquefaction from surface analysis, *Geofísica Internacional* 54(1), PP. 95-109. Fl: 0.218



- Schaum, A., J. A. Moreno, E. Fridman y J. Álvarez (2013). Matrix inequality-based observer design for a class of distributed transport-reaction systems, *International Journal of Robust and Nonlinear Control* 24(16), pp. 2213-2230. Fl: 2.652



- Silva, R., M. L. Martínez, P. A. Hesp, P. Catalán, A. F. Osorio, R. Martell y G. Govaere (2014). Present and future challenges of coastal erosion in Latin America, *Journal of Coastal Research*, Special Issue 71, pp. 1-16. Fl: 0.755



- Silva-González, F. L., S. E. Ruiz y A. Rodríguez-Castellanos (2014). Non-gaussian stochastic equivalent linearization method for inelastic nonlinear systems with softening behaviour, under seismic ground motions, *Mathematical Problems in Engineering*. Fl: 1.082



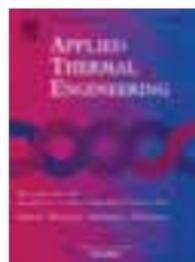
- Torres, Lizeth, Cristina Verde, Rolando Carrera y Raúl Cayetano (2014). Diagnostic Algorithms to Detect Faults in Pipelines, *Tecnología y Ciencias del Agua* 5(4). pp. 57-78. Fl: 0.086



- Torres Zúñiga, I. y A. Vande Wouwer (2014). Optimization of VARICOL SMB processes using hybrid modeling and nonlinear programming, *Computers and Chemical Engineering* 71, pp.1-10. Fl: 2.452



- Valdés-González, J., M. Ordaz Schroeder y J. de la Colina Martínez (2015). Combination rule for critical structural response in soft soil, *Engineering Structures* 82, pp. 1-10. Fl: 1.767



- Vargas, A. V., E. Zenon, U. Oswald, J. M. Islas, L. P. Güereca y F. L. Manzini (2013). Life cycle assessment: A case study of two wind turbines used in Mexico, *Applied Thermal Engineering*. Fl: 2.624



- Velásquez-Orta, S. B., R. García-Estrada, I. Monje-Ramírez, A. Harvey y M. T. Orta Ledesma (2014). Microalgae harvesting using ozoflotation: Effect on lipid and FAME recoveries, *Biomass and Bioenergy* 70, pp. 356-363. Fl: 2.975