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Alcantar-Vazquez, B., Duan, Y. H., & Pfeiffer, H. (2016). CO Oxidation and Subsequent CO<sub>2</sub> Chemisorption on Alkaline Zirconates: Li<sub>2</sub>ZrO<sub>3</sub> and Na<sub>2</sub>ZrO<sub>3</sub>. *Industrial & Engineering Chemistry Research*, 55(37), 9880-9886. doi:10.1021/acs.iecr.6b02257. FI: 2.567.

Avila-Carrera, R., Rodriguez-Castellanos, A., Valle-Molina, C., Sanchez-Sesma, F. J., Luzon, F., & Gonzalez-Flores, E. (2016). Numerical simulation of multiple scattering of P and SV waves caused by near-surface parallel cracks. *Geofisica Internacional*, 55(4), 275-291. doi:10.1955/geofint.2016.055.4.5. FI: 0.344.

Barrios, J. A., Cano, A., Becerril, J. E., & Jimenez, B. (2016). Influence of solids on the removal of emerging pollutants in electrooxidation of municipal sludge with boron-doped diamond electrodes. *Journal of Electroanalytical Chemistry*, 776, 148-151. doi:10.1016/j.jelechem.2016.07.018. FI: 2.822.

Carrillo-Reyes, J., Barragan-Trinidad, M., & Buitron, G. (2016). Biological pretreatments of microalgal biomass for gaseous biofuel production and the potential use of rumen microorganisms: A review. *Algal Research-Biomass Biofuels and Bioproducts*, 18, 341-351. doi:10.1016/j.algal.2016.07.004. FI: 4.694.

Carrillo-Reyes, J., Cortes-Carmona, M. A., Barcenas-Ruiz, C. D., & Razo-Flores, E. (2016). Cell wash-out enrichment increases the stability and performance of biohydrogen producing packed-bed reactors and the community transition along the operation time. *Renewable Energy*, 97, 266-273. doi:10.1016/j.renene.2016.05.082. FI: 3.404.

Castillo, I., Fridman, L., Moreno, J. A., & Ieee. (2016). Super-Twisting algorithm for systems with uncertain control gain: A Lyapunov based approach 2016 14<sup>th</sup> International Workshop on Variable Structure Systems (pp. 340-344).

Castillo, I., Steinberger, M., Fridman, L., Moreno, J. A., Horn, M., & Ieee. (2016). Saturated Super-Twisting Algorithm: Lyapunov based approach 2016 14th International Workshop on Variable Structure Systems (pp. 269-273).

Castro, R. R., Perez-Campos, X., Zuniga, R., Ramirez-Guzman, L., Aguirre, J., Husker, A., . . . Sanchez, T. (2016). A review on advances in seismology in Mexico after 30 years from the 1985 earthquake. *Journal of South American Earth Sciences*, 70, 49-54. doi:10.1016/j.jsames.2016.05.004. FI: 1.737.

Cubos-Ramirez, J. M., Ramirez-Cruz, J., Salinas-Vazquez, M., Vicente-Rodriguez, W., Martinez-Espinosa, E., & Lagarza-Cortes, C. (2016). Efficient two-phase mass-conserving level set method for simulation of incompressible turbulent free surface flows with large density ratio. *Computers & Fluids*, 136, 212-227. doi:10.1016/j.compfluid.2016.05.032. FI: 1.891.

De Jesus, A., Brena-Naranjo, J. A., Pedrozo-Acuna, A., & Yamanaka, V. H.A. (2016). The Use of TRMM 3B42 Product for Drought Monitoring in Mexico. *Water*, 8(8). doi:10.3390/w8080325. FI: 1.687.

Lopez-Caamal, F., & Moreno, J. A. (2016). Unmeasured Concentrations and Reaction Rates Estimation in CSTRs. *Ifac Paperonline*, 49(7), 224-229. doi:10.1016/j.ifacol.2016.07.262.

Montalva, G. A., Chavez-Garcia, F. J., Tassara, A., & Weisser, D. M. J. (2016). Site Effects and Building Damage Characterization in Concepcion after the M-w 8.8 Maule Earthquake. *Earthquake Spectra*, 32(3), 1469-1488. doi:10.1193/101514eqs158m. FI: 2.298.

---

Moreno, J. A., & Ieee. (2016). Discontinuous integral control for mechanical systems 2016 14<sup>th</sup> International Workshop on Variable Structure Systems (pp. 142-147).

---

Navarro-Diaz, M., Valdez-Vazquez, I., & Escalante, A. E. (2016). Ecological perspectives of hydrogen fermentation by microbial consortia: What we have learned and the way forward. *International Journal of Hydrogen Energy*, 41(39), 17297-17308. doi:10.1016/j.ijhydene.2016.08.027. FI: 3.205.

---

Ordaz, M., & Arroyo, D. (2016). On Uncertainties in Probabilistic Seismic Hazard Analysis. *Earthquake Spectra*, 32(3), 1405-1418. doi:10.1193/052015eqs075m. FI: 2.298.

---

Ossa, A., Garcia, J. L., & Botero, E. (2016). Use of recycled construction and demolition waste (CDW) aggregates: A sustainable alternative for the pavement construction industry. *Journal of Cleaner Production*, 135, 379-386. doi:10.1016/j.jclepro.2016.06.088. FI: 4.959.

---

Perton, M., & Sanchez-Sesma, F. J. (2016). Green's function calculation from equipartition theorem. *Journal of the Acoustical Society of America*, 140(2), 1309-1318. doi:10.1121/1.4961208. FI: 1.572.

---

Rueda-Escobedo, J. G., Moreno, J. A., Oliva-Fonseca, P., & Ieee. (2016). Finite-Time State Estimation for LTI Systems with a First-Order Sliding Mode 2016 14th International Workshop on Variable Structure Systems (pp. 194-199).

Arzate Salgado, S.Y., Ramirez Zamora, R. M., Zanella, R., Peral, J., Malato, S., & Maldonado, M. I. (2016). Photocatalytic hydrogen production in a solar pilot plant using a Au/TiO<sub>2</sub> photo catalyst. *International Journal of Hydrogen Energy*, 41(28), 11933-11940. doi:10.1016/j.ijhydene.2016.05.039. FI: 3.205.

---

Santander-Hernandez, L. J., Angeles-Camacho, C., & Ieee. (2015). Implementation of distributed compensation in the transmission lines design (D-FACTS). 2015 Ieee Thirty Fifth Central American and Panama Convention (Concapan XXXV).

---

Spica, Z., Perton, M., Calo, M., Legrand, D., Cordoba-Montiel, F., & Iglesias, A. (2016). 3-D shear wave velocity model of Mexico and South US: bridging seismic networks with ambient noise cross-correlations (C-1) and correlation of coda of correlations ((C)3). *Geophysical Journal International*, 206(3), 1795-1813. doi:10.1093/gji/ggw240. FI: 2.484.

---

Torres, I., Vargas, A., & Buitron, G. (2016). Robust observation strategy to estimate unknown inputs. *Ifac Papersonline*, 49(7), 1199-1204. doi:10.1016/j.ifacol.2016.07.373.

---

Torres, P., Pacheco, L., & Gutierrez, R. (2016). Next-generation 400 Gb/s Ethernet PMD over SMF at 1310 nm via DD-OFDM with Electro-absorption Modulator-based Transmitters. *Ieee Latin America Transactions*, 14(6), 2681-2686. IF: 0.436.

---

Torres-Ferrera, P., Pacheco-Ramirez, L., & Gutierrez-Castrejon, R. (2015). Next-generation 400 Gb/s Ethernet PMD over SMF at 1310 nm via DD-OFDM with electro-absorption modulator-based transmitters. 2015 7<sup>th</sup> Ieee Latin-American Conference on Communications (Latincom).