**PRODUCCIÓN ACADÉMICA 2016**

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| LGAC | PRODUCTO |
| **LGAC1** | 1. Díaz-Fleischer, F. et al. (2016) Laboratory evaluation of two commercial abamectin-based insecticides against *Anastrepha ludens* (Diptera: Tephritidae): Lethal and sublethal effects. Journal of Economic Entomology 109: 2472-2478. |
| 2. Tejeda-Rodríguez, M.T. et al. (2016) Reasons for success: rapid evolution for desiccation resistance and life-history changes in the polyphagous fly *Anastrepha ludens*. Evolution 70: 2583- 2594. |
| 3. Barradas-Juanz, N. et al. (2016) New rearing method and larval diet for the mahogany shoot borer *Hypsipyla grandella* (Lepidoptera: Pyralidae). Florida Entomologist 99(sp1):185-191. |
| 4. Abraham S. et al. (2016). Female age determines remating behavior in wild Mexican fruit flies. Journal of Insect Behavior 29: 340-354. |
| 5. Barradas-Juanz, N. et al. (2016) Mating behavior of *Hypsipyla grandella* (Lepidoptera: Pyralidae) under laboratory conditions. Annals of the Entomological Society of America 109: 377-383. |
| 6. Ortiz-Ceballos A. I. et al. (2016) Nest site selection and nutritional provision through excreta: a form of parental care ina tropical endogeic earthworm. Peer J DOI 10.7717/peerj.2032 |
| 7. Abraham S. et al. (2016) The male ejaculate as inhibitor of female remating in two tephritid flies. Journal of Insect Physiology 88: 40-47. |
| 8. González-López, G.I. et al. (2016) Antipredator behavior of the new mass-reared unisexual strain of the Mexican Fruit Fly. Bulletin of Entomological Research 106: 314-321. |
| 9. Landeta-Escamilla, A. et al. (2016). Male irradiation affects female remating in *Anastrepha serpentina* (Diptera: Tephritidae). Journal of Insect Physiology 85: 17-22. |
| 10. Zavaleta-Mancera H.A. et al. (2016). Effect of Arsenic on Chloroplast Ultrastructure in *Azolla filliculoides* Lam. Microscopy and Microanalysis. 22(3): 1206-1207. DOI 10.1017/S1431927616006875. |
| 11. Jacome-Blasquez F. et al. (2016). Response to peg-induced hydric stress on in vitro germination of *Prosthechea vitellina* (lindl.) W. E. Higgins (orchidaceae). Propagation of ornamental plants. 16 (3): 73-78. |
| 12. Mendoza-López, M.R. et al. (2016) Lipid extraction from the biomass of *Trichoderma koningiopsis* MX1 produced in a non-stirring culture for potential biodiesel production. Environmental Science and Pollution Research. pp: 1-7. DOI: 10.1007/s11356-016-6595-3. |
| 14. Patente: Método para recuperar oro y plata de placas de circuito impreso con una solución ionica. MX/a/2016/012848. IMPI, México. |
| 15. D. Trejo, I. Barois, W. Sangabriel-Conde. 2016. Disturbance and land use effect on functional diversity of the arbuscular mycorrhizal fungi. Agroforestry. Systems 90: 265-279. |
| 16. Benítez-Badillo G. et al. 2016. Evaluación rápida de la sostenibilidad en la región de la laguna de Cuyutlán, Colima, México. Interciencia 41(9):1-8. |
| 17. Maqueo–Jiménez, J.A. et al. (2016) Model for agroproductive diversification with social feasibility for help in the integral management of the micro-watershed in Tolapan Coatepec, Veracruz, Mexico. International Journal of Current Research. 8(11) 40949–40954. |
| 18. Maqueo–Jiménez, J.A. et al.(2016) Modelo territorial para la diversificación agro-productiva con intervención social en la zona central montañosa del estado de Veracruz, estudio de caso municipio de Coatepec, México. Revista Científica Biológico–Agropecuaria Tuxpan. 6(1) 304–310. |
|  | 19. Benítez–Badillo, G. et al. (2016). Evaluación rápida de la sostenibilidad en la region de la laguna de Cuyutlan, Colima, Mexico. Revista de Ciencia y Tecnología de América. 41(9)588 -595. |
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| **LGAC2** | 1. Fernando Hernández-Baz, Helena Romo, Jorge M. González, María de Jesús Martínez Hernández and Roberto Gámez Pastrana.(2016) Maximun Entropy Niche-Based Modeling (Maxent) of Potential Geographical Distribution of Coreura albicosta (Lepidoptera:Erebidae: Ctenuchina) in Mexico.Florida Entomologist, 99(3):376-380. |
| 2. Ana Lid del Ángel Perez, Bertha Sofía Larqué-Saavedra, Jeremías Natarén-Velázquez, María de Jesús Martínez Hernández, Flavio Rodríguez-Montalvo y Marcos Ventura Vázquez-Hernández (2016). Posición comercial regional de los maíces mejorados generados por el INIFAP en Veracruz. Revista Electronica Nova Scientia No. 17 Vol.8(2):614-637. |
| 3. Francisco Jacome-Blasquez, Victorino Morales-Ramos, María de Jesús Martínez Hernández, Gabriela Sánchez Viveros,and Jericó Jabin Bello-Bello.(2016) Response to peg-induced hydric stress on in vitro germination of *Prosthechea vitellina* (lindl.) w. e. Higgins (orchidaceae). Propagation of Ornamental Plants. (3): 73-78. 2016. |
| 4. Oscar Carmona Hernández, José Armando Lozada-García, María de Jesús Martínez Hernández, María del Socorro Fernández, Vianey del Rocio Torres-Pelayo (2016). Piper L. genus potential as natural biocide. Vol 23(6):65-72 |
| 5. M. J. Martínez Hernández, D.G. Castillo Rocha, M. Luna Rodríguez (2016). Aclimatación de *Citrus volkameriana* y Citrange-35 mediante la incorporación de Pseudomonas. Journal CIM. Coloquio de Investigación Multidiciplinaria. Vol.4 (1):627-631 |
| 6. Mendoza-López, M.R. et al. (2016). Lipid extraction from the biomass of *Trichoderma koningiopsis* MX1 produced in a non-stirring culture for potential biodiesel production. Environmental Science and Pollution Research. 24, 25627-25633. |
| 7. Patente: Rosalba Argumedo-Delira, Héctor Ulises Palafox Bonilla, Gabriela Sánchez Viveros, Alejandro Alarcón. Método para recuperar oro y cobre de placas de circuito impreso con una solución iónica, registrada ante el IMPI (20 de septiembre 2016). Expediente:X/a/2016/012848. Folio: MX/E/2016/069666 412680. |
| 8. D. Trejo, I. Barois, W. Sangabriel-Conde. 2016. Disturbance and land use effect on functional diversity of the arbuscular mycorrhizal fungi. Agroforestry. Systems 90: 265-279. |
| 9. Benítez-Badillo G. et al. 2016. Evaluación rápida de la sostenibilidad en la región de la laguna de Cuyutlán, Colima, México. Interciencia 41(9):1-8. Issn 0378-1844 http://www.interciencia.org/v41\_09/588.pdf |
| 10. Pérez-López E. et al. 2016. The underestimated diversity of phytoplasmas in Latin America. International Journal of Systematic and Evolutionary Microbiology, 66, 492–513. |
| 11. Adame-García J. et al. 2016. Vanilla rhizobacteria as antagonists against *Fusarium oxysporum* f. sp. *vanillae.* International Journal of Agriculture and Biology. 18:23‒30. |
| 12. Ramos-Castellá A. et al. 2016. Evaluation of molecular variability in germplasm of vanilla (*Vanilla planifolia* G. Jackson in Andrews) in Southeast Mexico: implications for genetic improvement and conservation. Plant Genetic Resources. Pp 1-11. DOI 10.1017/S1479262115000660. |
| 13. Salinas-Castro A. 2016. Antagonistic bacteria affecting the Golden cyst potato nematode (*Globodera rostochiensis* Woll.) in the region of Perote, Veracruz, México. Global Advanced Research Journal of Microbiology Vol. 5(2): 016-022. |
| 14. Adame-García J. et al. 2016. Adequacy of a protocol for amplification of Ef-1α gene of *Fusarium oxysporum* f. sp. *vanillae*. ARPN Journal of Agricultural and Biological Science. 11(6): 236-241. |
| 15. Pérez-López E. et al. 2016. Periwinkle proliferation disease associated with 16SrI-B phytoplasma in Mexico. Tropical Plant Pathology. 41(4): 254–257. |
| 16. Pérez-López E. et al. 2016. Maize bushy stunt phytoplasma affects native corn at high elevations in southeast Mexico. European Journal of Plant Pathology. 145 (4): 963–971. |
| 17. Pérez-López E. et al. 2016. Phytoplasma classification and phylogeny based on in silico and in vitro RFLP analysis of cpn60 universal target sequences. International Journal of Systematic and Evolutionary Microbiology, 66: 5600-5613. |
| 18. Borbolla-Pérez V. et al. 2016. Perceptions regarding the challenges and constraints faced by smallholder farmers of vanilla in Mexico. Environment, Development and Sustainability. p. 1-21. DOI: 10.1007/s10668-016-9863-y |

#### LGAC: Línea General De Aplicación De Conocimiento; LGAC 1. Manejo de los recursos naturales para la mejora integral de sistemas agropecuarios y forestales; LGAC 2. Alternativas biotecnológicas para la producción y sustentabilidad agropecuaria y forestal.