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Empleo

Departamento de Investigaciones Científicas y Tecnológicas

México

1 ene. 1942 → present

BIOTECNOLOGÍA DE RECURSOS BIÓTICOS

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Resultado de la investigación

Isolation and identification of metallotolerant bacteria with a potential biotechnological application

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Characterization of OSA starch-based films with nut-byproducts extracts for potential application as natural wound dressing

Leon-Bejarano, M., Santos-Sauceda, I., Dórame-Miranda, R. F., Medina-Juárez, L. Á., Gámez-Meza, N., García-Galaz, A., Simsek, S. & Ovando-Martínez, M., dic. 2023, En: Polymer Bulletin. 80, 12, p. 13199-13215 17 p.

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Biochemical and molecular aspects of phosphorus limitation in diatoms and their relationship with biomolecule accumulation

Lovio-Fragoso, J. P., de Jesús-Campos, D., López-Elías, J. A., Medina-Juárez, L. Á., Fimbres-Olivarría, D. & Hayano-Kanashiro, C., jul. 2021, En: Biology. 10, 7, 565.

Encapsulation of Sardine Oil by Electrospraying with Gliadins and Pecan Nutshell Extracts for its Stabilization

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Quantification of cardenolide glycosides and antiproliferative activity from a crop of the medicinal plant *Asclepias subulata*

Bustamante-Armenta, H. G., López-Elías, J., Rodríguez, J. C., Medina-Juárez, L. Á., Rascón-Valenzuela, L. A. & Robles-Zepeda, R. E., 15 dic. 2020, En: Industrial Crops and Products. 158, 112952.

Chemical composition, fatty acid profile and molecular changes derived from nitrogen stress in the diatom *Chaetoceros muelleri*

de Jesús-Campos, D., López-Elías, J. A., Medina-Juarez, L. Á., Carvallo-Ruiz, G., Fimbres-Olivarría, D. & Hayano-Kanashiro, C., mar. 2020, En: Aquaculture Reports. 16, 100281.

A novel process of the isolation of nitrifying bacteria and their development in two different natural lab-scale packed-bed bioreactors for trichloroethylene bioremediation

Berrelleza-Valdez, F., Parades-Aguilar, J., Peña-Limón, C. E., Certucha-Barragán, M. T., Gámez-Meza, N., Serrano-Palacios, D., Medina-Juárez, L. A. & Calderón, K., jul. 2019, En: Journal of Environmental Management. 241, p. 211-218 8 p.

Chemical Composition, Antioxidant, Antimicrobial and Antiproliferative Activities of Wastes from Pecan Nut [*Carya illinoensis* (Wagenh) K. Koch]

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Expression analysis of genes involved in the synthesis of oleic and linoleic acids in *Jatropha cinerea* seeds from Northwestern Mexico

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Lignin and holocellulose from pecan nutshell as reinforcing fillers in poly (lactic acid) biocomposites

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Chemical evaluation and antioxidant capacity of Western and Wichita pecan nut cultivars [*Carya illinoensis* (Wangenh.) K. Koch]

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Physical characteristics and chemical constituents of *Jatropha cinerea* seeds

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Apoptotic activities of cardenolide glycosides from *Asclepias subulata*

Rascón-Valenzuela, L. A., Velázquez, C., Garibay-Escobar, A., Vilegas, W., Medina-Juárez, L. A., Gámez-Meza, N. & Robles-Zepeda, R. E., 4 dic. 2016, En: Journal of Ethnopharmacology. 193, p. 303-311 9 p.

MECANISMOS DE DEFENSA DE LOS CAMARONES PENEIDOS DURANTE UN PROCESO INFECTIVO: UNA REVISIÓN/ DEFENSE MECHANISMS OF PENAEID SHRIMP DURING THE INFECTIVE PROCESS: A REVIEW

Cárcamo-Aréchiga, N., Grijalva-Chon, J. M., Hernández-López, J., Varela-Romero, A., López-Torres, M. A. & Medina-Juárez, L. Á., abr. 2016, En: BT.

Wild Pepper *Capsicum annum* L. var. *glabriusculum*: Taxonomy, Plant Morphology, Distribution, Genetic Diversity, Genome Sequencing, and Phytochemical Compounds

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