



CENTRO DE INVESTIGACIÓN  
CIENTÍFICA DE YUCATÁN A.C.

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## **PUBLICACIONES ARBITRADAS 2014**

### **Artículos Internacionales**

**ARTÍCULOS INTERNACIONALES**

| No. | TÍTULO   | AUTORES  | MEDIO   | FACTOR DE IMPACTO |
|-----|--|--|---|-------------------|
| 1   | BIOTIC INTERACTIONS IN THE RHIZOSPHERE: A DIVERSE COOPERATIVE ENTERPRISE FOR PLANT PRODUCTIVITY.   | Loyola-Vargas, Víctor M.; Dra. Clelia de la Peña Seaman  | Plant Physiology                              | 7.908             |
| 2   | DIELECTROPHORETIC MODELING OF THE DYNAMIC CARBON NANOTUBE NETWORK FORMATION IN VISCOUS MEDIA UNDER ALTERNATING CURRENT ELECTRIC FIELDS                           | Oliva Avilés Andres Ivan; Sosa V.; Seidel G. D.,Dr. Francis Avilés   | Carbon  | 6.16              |
| 3   | AN OVERALL VIEWPOINT OF 30 YEARS OF GENETICALLY MODIFIED CROPS ON THE SOUTH AMERICAN PERSPECTIVE   | Idrovo Espín Fabio Marcelo; Dr. Jorge Santamaría   | Theoretical and Experimental Plant Physiology | 5.684             |
| 4   | ISOTOPOLOGUE PROFILING OF TRITERPENE FORMATION UNDER PHYSIOLOGICAL CONDITIONS. BIOSYNTHESIS OF LUPEOL-3-(3'-R-HYDROXY)-STEARATE IN PENTALINON ANDRIEUXII         | Yam Puc, Jesús Alejandro; Knispel N.; Schramek N.; Huber C.; Graßberger C.; Ramírez-Torres Fabiola G.; Escalante-Erosa, F.; García-Sosa, K.; Hiebert Giesbrecht Mickel Randolph; Chan Bacab, Manuel Jesús; Godoy-Hernández, Gregorio C.; Bacher A.; Eisenreich W.;Dr. Luis Manuel Peña Rodríguez | Journal of Organic Chemistry                  | 4.638             |
| 5   | PREPARATION OF EXTRUDED POLYETHYLENE/CHITOSAN BLENDS COMPATIBILIZED WITH POLYETHYLENE-GRAFT-MALEIC ANHYDRIDE   | Quiroz-Castillo, J. M. ; Rodríguez-Félix D. E.; Grijalva-Monteverde H.; Del Castillo-Castro, T.; Plascencia-Jatomea, M. ; Rodríguez-Félix F., Dr. Pedro Herrera Franco   | Carbohydrate Polymers                         | 3.916             |
| 6   | LARGE-SCALE PHYLOGENETIC CLASSIFICATION OF FUNGAL CHITIN SYNTHASES AND IDENTIFICATION OF A PUTATIVE CELL-WALL METABOLISM GENE CLUSTER ON ASPERGILLUS GENOMES     | Pacheco Arjona José Ramón; Dr. Jorge Humberto Ramírez Prado  | PLoS One                                      | 3.73              |
| 7   | PARTIAL RESISTANCE OF CARROT TO ALTERNARIA DAUCI CORRELATES WITH IN VITRO CULTURED CARROT CELL RESISTANCE TO FUNGAL EXUDATES                                     | Lecomte Mickaël; Hamama Latifa; Voisine Linda; Gatto Julia; Hélesbeux Jean-Jaques; Séraphin Denis; Richomme Pascal; Boedo Cora; Yovanopoulos Claire; Gyomlai Melvina; Briard Mathilde; Simoneau Philippe; Poupard Pascal; Berruyer Romain;Dr. Luis Manuel Peña Rodríguez                         | PLoS One                                      | 3.73              |
| 8   | IN VITRO CULTURE: AN EPIGENETIC CHALLENGE FOR PLANTS   | Us Camas Rosa Yazmín; Rivera Solís Gustavo Alberto; Duarte Aké Fátima Patricia;Dra. Clelia de la Peña Seaman   | Plant Cell Tissue Organ Culture               | 3.633             |
| 9   | CAPACITY OF THE AQUATIC FERN (SALVINIA MINIMA BAKER) TO ACCUMULATE HIGH CONCENTRATIONS OF NICKEL IN ITS TISSUES, AND ITS EFFECT ON PLANT PHYSIOLOGICAL PROCESSES | Fuentes Franco Ignacio Ismael; Espadas y Gil, F. L.; Talavera May Carlos Roberto; Fuentes-Ortiz, G.; Dr. Jorge Santamaría  | Aquatic Toxicology                            | 3.513             |
| 10  | PREDICTING THE KINEMATIC VISCOSITY OF FAMES AND BIODIESEL: EMPIRICAL MODELS  | Pacheco Catalán Daniella; Dr. Juan Carlos Chavarría Hernández  | Fuel  | 3.406             |
| 11  | MECHANISMS OF SALT TOLERANCE IN HABANERO PEPPER PLANTS (CAPSICUM CHINENSE JACQ.): PROLINE ACCUMULATION, IONS DYNAMICS, ROOT-SHOOT PARTITION AND COMPARTMENTATION | Bojórquez Quintal Jesús Emmanuel; VELARDE-BUENDIA ANA; Kú González, Angela Francisca; Carrillo-Pech, M. R.; Ortega Camacho Daniela; Echevarría-Machado, I. C.; Pottosin, Igor;   | Frontiers in Plant Science                    | 3.406             |
| 12  | DIFFERENTIAL EFFECTS OF ALUMINUM ON IN VITRO PRIMARY ROOT GROWTH, NUTRIENT CONTENT AND PHOSPHOLIPASE C ACTIVITY IN COFFEE SEEDLINGS (COFFEA ARABICA)             | Bojórquez Quintal Jesús Emmanuel; Sánchez Cach Lucila Aurelia; Kú González, Angela Francisca; De Los Santos-Briones, C.; Medina Lara, María de Fátima; Echevarría-Machado, I. C.; Muñoz-Sánchez, J. A.; Hernández-Sotomayor, S. M. T.;Dr. Manuel Martínez Estévez                                | Journal of Inorganic Biochemistry             | 3.274             |

**ARTÍCULOS INTERNACIONALES**

| No. | TÍTULO   | AUTORES  | MEDIO   | FACTOR DE IMPACTO |
|-----|--|--|---|-------------------|
| 13  | PHOTOSYNTHETIC CAPACITY AND TERPENE PRODUCTION IN POPULATIONS OF LIPPIA GRAVEOLENS (MEXICAN OREGANO) GROWING WILD AND IN A COMMON GARDEN IN THE YUCATAN PENINSULA  | Wilmer Tezara; Ilsa Coronel; Herrera A.; Dzib, Gabriel; Canul Puc Karina de los Angeles; Dra. Luz María Calvo Irbabien   | Industrial Crops and Products                                     | 3.208             |
| 14  | ANALYSIS OF TWIST STIFFNESS OF SINGLE AND DOUBLE-WALL CORRUGATED BOARDS  | Hernández Pérez Adrián; Hägglund, R. ; Carlsson, L. A.; Dr. Francis Avilés   | Composite Structures  | 3.12              |
| 15  | SEED TRANSMISSION OF PAPAYA MELEIRA VIRUS IN PAPAYA (CARICA PAPAYA) CV. MARADOL  | Dra. Daisy Pérez Brito; Tapia Tussell Raúl; Magaña Alvarez Anuar Ahmed; Cortés-Velázquez, A.; Itza Kuk Edgar Gamaliel; Nexticapan Garcéz Angel; Quijano Ramayo Andrés; Martín Mex Rodolfo;   | Plant Pathology   | 2.969             |
| 16  | IMPROVING THE BONDING BETWEEN HENEQUEN FIBERS AND HIGH DENSITY POLYETHYLENE USING ATMOSPHERIC PRESSURE ETHYLENE-PLASMA TREATMENTS  | Aguilar Ríos Amalia; Herrera-Franco, Pedro J.; Martínez Gómez, A. de J.; Dr. Alex Valadéz González   | Express Polymer Letters   | 2.953             |
| 17  | LONG TERM WATER UPTAKE OF A LOW DENSITY POLYVINYL CHLORIDE FOAM AND ITS EFFECT ON THE FOAM MICROSTRUCTURE AND MECHANICAL PROPERTIES  | Dr. Jorge Arturo Domínguez Maldonado; May-Pat, A.; Avilés-Cetina, Francis  | Materials & Design  | 2.913             |
| 18  | CANDIDATUS PHYTOPLASMA PALMICOLA', ASSOCIATED WITH A LETHAL YELLOWING-TYPE DISEASE OF COCONUT (COCOS NUCIFERAL.) IN MOZAMBIQUE   | Harrison, Nigel; Davis Robert E.; Helmick Ericka E.; Narváez-Cab, M. S.; Eden-Green Simon; Dollet, M.; Dickinson Matthew; Dr. Carlos Oropeza Salín   | International Journal of Systematic and Evolutionary Microbiology | 2.798             |
| 19  | LECTOTYPIFICATION OF THE LINNAEAN NAME GOMPHRENA VERMICULARIS (AMARANTHACEAE).   | Dra. Ivonne Sánchez del Pino   | Taxon   | 2.782             |
| 20  | NITRATE PROMOTES CAPSAICIN ACCUMULATION IN CAPSICUM CHINENSE IMMOBILIZED PLACENTAS   | Aldana Iuit Jeanny; Sauri-Duch, E.; Miranda-Ham, María de L.; Castro-Concha, L. A.; Cuevas Glory LF; Dr. Felipe Vázquez Flota  | BioMed Research International                                     | 2.706             |
| 21  | IMPROVING SPECIES DIVERSITY AND BIOMASS ESTIMATES OF TROPICAL DRY FORESTS USING AIRBORNE LIDAR   | Dupuy-Rada, Juan. M.; Richard Birdsay; Tun-Dzul, F.; Juan Caamal; Dr. José Luis Hernández Stefanoni  | Remote Sensing  | 2.623             |
| 22  | CHARACTERIZATION OF ANODE AND ANOLYTE COMMUNITY GROWTH AND THE IMPACT OF IMPEDANCE IN A MICROBIAL FUEL CELL  | Sánchez Herrera Diana Estela; Pacheco Catalán Daniella; Canto-Canché Blondy; Dominguez Benetton Xochitl; Domínguez Maldonado Jorge Arturo; Valdez-Ojeda, R. A., Liliana Alzate Gaviria       | BMC Biotechnology   | 2.592             |
| 23  | HYDROLYSIS OF AGAVE FOURCROYDES LEMAIRE (HENEQUEN) LEAF JUICE AND FERMENTATION WITH KLUYVEROMYCES MARXIANUS FOR ETHANOL PRODUCTION   | Villegas Silva Pablo Andrés; Toledano-Thompson, T.; Canto-Canché Blondy; Larqué-Saavedra, Francisco. A.; Dr. Felipe Barahona Pérez   | BMC Biotechnology   | 2.592             |
| 24  | LIPOPHILIC TOXINS IN CULTIVATED MUSSELS (MYTILUS GALLOPROVINCIALIS) FROM BAJA CALIFORNIA, MEXICO   | García-Mendoza, E.; Rivas, David; Antonio; Peña-Manjarrez, José Luis; Dr. Antonio Almazán Becerril   | Toxicol   | 2.581             |
| 25  | NAPHTHOQUINONES ISOLATED FROM DIOSPYROS ANISANDRA EXHIBIT POTENT ACTIVITY AGAINST PAN-RESISTANT FIRST-LINE DRUGS MYCOBACTERIUM TUBERCULOSIS STRAINS  | Uc Cachón Andrés Humberto; Said-Fernández, S.; Vargas-Villareal Gabriel; González-Salazar, F.; Méndez-González, M. E.; Cáceres-Farfán, M.; Molina Salinas Gloria Maria; Borges-Argáez, Rocio | Pulmonary pharmacology & therapeutics                             | 2.543             |
| 26  | GENETIC STRUCTURE WITHIN THE MESOAMERICAN GENE POOL OF WILD PHASEOLUS LUNATUS (FABACEAE) FROM MEXICO AS REVEALED BY MICROSATELLITE MARKERS: IMPLICATIONS FOR CONSERVATION AND THE DOMESTICATION OF THE SPECIES | Dr. Jaime Martínez Castillo; Camacho Peréz Luciana; Villanueva Viramontes Sara; Andueza Noh Rubén Humberto; María I. Chacón S.   | American Journal of Botany  | 2.463             |

**ARTÍCULOS INTERNACIONALES**

| No. | TÍTULO   | AUTORES   | MEDIO  | FACTOR DE IMPACTO |
|-----|--|---|--|-------------------|
| 27  | OPPORTUNITIES TO GROW ANNUAL FORAGE LEGUME FENUGREEK (TRIGONELLA FOENUM-GRAECUM L.) UNDER MEXICAN SILVAPASTORAL SYSTEM   | Cetzal Ix William Rolando   | American Journal of Botany   | 2.463             |
| 28  | FURTHER MULINANE AND AZORELLANE DITERPENOIDIS ISOLATED FROM MULINUM CRASSIFOLIUM AND AZORELLA COMPACTA   | Borquez Jorge; Ardiles-Rivera, A.; Loyola, L. A.; Molina Salinas Gloria Maria; Vallejos Javier; González-Collado, I.; Simirgiotis Mario J.; Dr. Luis Manuel Peña Rodríguez  | Molecules  | 2.428             |
| 29  | TOWARDS OPTIMIZATION OF THE SILANIZATION PROCESS OF HYDROXYAPATITE FOR ITS USE IN BONE CEMENT FORMULATIONS   | Cisneros Pineda Olga Guadalupe; Herrera-Kao, W. A.; Loria-Bastarrachea, M. I. D.; Veranes Pantoja Y.; Cauich-Rodríguez Juan Valerio.; Dr. José Manuel Cervantes Uc  | Materials Science & Engineering C- Materials for Biological Applications | 2.404             |
| 30  | SYNTHESIS AND CHARACTERIZATION OF HYBRID SILICA/PMMA NANOPARTICLES AND THEIR USE AS FILLER IN DENTAL COMPOSITES  | Dr. Gonzalo Canché Escamilla; Duarte-Aranda, S.; Toledano, M.   | Materials Science & Engineering C- Materials for Biological Applications | 2.404             |
| 31  | GENETIC RELATIONSHIPS AMONG A COLLECTION OF MUSA GERMPLASM BY FLUORESCENT-LABELED SRAP   | Valdez-Ojeda, R. A.; James-Kay, Andrew C.; Kú-Cauich, J. R.; Dra. Rosa María Escobedo Gracia Medrano  | Tree Genetics & Genomes  | 2.397             |
| 32  | BIOSYNTHESIS AND CHARACTERIZATION OF POLYHYDROXYALKANOATES PRODUCED BY AN EXTREME HALOPHILIC BACTERIUM, HALOMONAS NITROREDUCENS, ISOLATED FROM HYPERSALINE PONDS | Catzin, J.; Vargas, I.; Herrera-Kao, W. A.; Moguel, F.; Ramírez, E.; Rincón Arriaga, S.; Lizama-Uc, G.; Dr. José Manuel Cervantes Uc  | Journal of Applied Microbiology  | 2.386             |
| 33  | REVISITING THE CLASSIFICATION OF CURTOVIRUSES BASED ON GENOME-WIDE PAIRWISE IDENTITY   | Dra. Cecilia Hernández Zepeda, Cecilia; Brown, J.   | Archives of Virology   | 2.282             |
| 34  | ESTABLISHMENT OF THREE NEW GENERA IN THE FAMILY GEMINIVIRIDAE: BECURTOVIRUS, ERAGROVIRUS AND TURNCURTOVIRUS  | Dra. Cecilia Hernández Zepeda; Brown, J.K.  | Archives of Virology   | 2.282             |
| 35  | INFLUENCE OF NANOTUBE PHYSICOCHEMICAL PROPERTIES ON THE DECORATION OF MULTIWALL CARBON NANOTUBES WITH MAGNETIC PARTICLES   | Uc Cayetano Erbin Guillermo; Cauich-Rodríguez Juan Valerio.; Schönfelder R.; Bachmatiuk A.; Rummeli M. H.; Rubio F.; Gutiérrez Amador M. P.; Cruz G. J.; Dr. Francis Avilés   | Journal of Nanoparticle Research   | 2.278             |
| 36  | CRETACEOUS - PALEOGENE BOUNDARY EXPOSED: CAMPECHE ESCARPMENT, GULF OF MEXICO   | Charles K. Paull; David W. Cress; Roberto Gwiazda; Urrutia-Fucugauchi, Jaime; Rebolledo-Vieyra, M.; Eve Lundsten; Krystle Anderson; Esther J. Sumner  | MARINE GEOLOGY   | 2.201             |
| 37  | INFLUENCE OF CARBON NANOTUBE ON THE PIEZORESISTIVE BEHAVIOR OF MULTIWALL CARBON NANOTUBE/POLYMER COMPOSITES  | Dr. Francis Avilés; May-Pat, A.; Canché-Escamilla, Gonzalo; Rodríguez Uicab Omar Eduardo; Kú Herrera José de Jesús; Duarte-Aranda, S.; Uribe-Calderón, Jorge; González-Chi, Pedro I.; Arronche, L.; La Saponara, V. | Journal of Intelligent Material Systems and Structures                   | 2.172             |
| 38  | COMPOSITION AND FLUXES OF SUBMARINE GROUNDWATER ALONG THE CARIBBEAN COAST OF THE YUCATAN PENINSULA   | Dr. Mario Rebolledo Vierya; E.D. Crook; L. M.; Paytán Adina   | Continental Shelf Research   | 2.115             |
| 39  | A BEAM SPECIMEN TO MEASURE THE FACE/CORE FRACTURE TOUGHNESS OF SANDWICH MATERIALS UNDER A TEARING LOADING MODE   | Rodríguez González Julio Alejandro; May-Pat, A.; Dr. Francis Avilés   | International Journal of Mechanical Sciences                             | 2.061             |

**ARTÍCULOS INTERNACIONALES**

| No. | TÍTULO  | AUTORES  | MEDIO                                     | FACTOR DE IMPACTO |
|-----|---|--|---|-------------------|
| 40  | MORPHOLOGICAL VARIATION, MANAGEMENT AND DOMESTICATION OF 'MAGUEY ALTO' (AGAVE INAEQUIDENS) AND 'MAGUEY MANSO' (A. HOOKERI) IN MICHOACAN, MEXICO.                    | Colunga García-Marín, P.   | Journal of Ethnobiology and Ethnomedicine | 1.98              |
| 41  | JAMESBONDIA, A NEW SUBGENUS OF ALTERNANTHERA(GOMPHRENOIDEAE, AMARANTHACEAE) FROM CENTRAL  | Dra. Ivonne Sánchez del Pino, D. Iamónico  | Plant Biosystems                          | 1.912             |
| 42  | AN ASSESSMENT OF FINITE ELEMENT ANALYSIS TO PREDICT THE ELASTIC MODULUS AND POISSON'S RATIO OF SINGLEWALL CARBON NANOTUBES  | Dominguez Rodríguez Gustavo; Tapia, A.,Dr. Francis Avilés  | Computational Materials Science           | 1.879             |
| 43  | THE BOND FORCE CONSTANT AND BULK MODULUS OF C60   | Peón-Escalante R.; Villanueva C.; Quintal, R.; Tapia, A.,Dr. Francis Avilés  | Computational Materials Science           | 1.879             |
| 44  | WILD TO CROP INTROGRESSION AND GENETIC DIVERSITY IN LIMA BEAN (PHASEOLUS LUNATUS L.) IN TRADITIONAL MAYAN MILPAS FROM MEXICO  | Dzul Tejero Felix; Coello-Coello, J.;Dr. Jaime Martínez Castillo   | Conservation Genetics                     | 1.846             |
| 45  | WILD TO CROP INTROGRESSION AND GENETIC DIVERSITY IN LIMA BEAN (PHASEOLUS LUNATUS L.) IN TRADITIONAL MAYAN MILPAS FROM MEXICO.                                       | Dr. Jaime Martínez Castillo  | Conservation Genetics                     | 1.846             |
| 46  | CHEMICAL VARIATION IN THE ESSENTIAL OIL COMPOSITION OF MEXICAN OREGANO POPULATIONS (LIPPIA GRAVEOLENS HBK) IN AN EDAPHO-CLIMATIC GRADIENT                           | Parra-Tabla, V.; Acosta Arriola Violeta; Escalante-Erosa, F.; Diaz-Vera, Luciana; Dzib G.; Peña-Rodríguez Luis Manuel;Dra. Luz María Calvo Irabien | Chemistry & Biodiversity                  | 1.795             |
| 47  | PHYTOCHEMICAL DIVERSITY OF THE ESSENTIAL OILS OF MEXICAN OREGANO (LIPPIA GRAVEOLENS KUNTH) POPULATIONS ALONG AN EDAPHO-CLIMATIC GRADIENT                            | Para-Tabla, V.; Acosta Arriola Violeta; Escalante-Erosa, F.; Diaz-Vera, Luciana; Dzib G.; Peña-Rodríguez Luis Manuel;Dra. Luz María Calvo Irabien  | Chemistry & Biodiversity                  | 1.795             |
| 48  | MODELING CARBON STOCKS IN A SECONDARY TROPICAL DRY FOREST IN THE YUCATAN PENINSULA, MEXICO  | Zhaohua, Dai; Richard Birdsay; Hernández-Stefanoni, J. L.;Dr. Juan Manuel Dupuy Rada   | Water Air and Soil Pollution              | 1.748             |
| 49  | ANTIOXIDANT CAPACITY AND TOTAL PHENOLIC CONTENT IN FRUIT TISSUES FROM ACCESSIONS OF CAPSICUM CHINENSE JACQ. (HABANERO PEPPER) AT DIFFERENT STAGES OF RIPENING       | Castro-Concha, L. A.; Tuyub-Ché Jemina Salomé; MOO-MUKUL ANGEL AGUSTIN; Vázquez-Flota, F.; Dra. María de Lourdes Miranda Ham                       | Scientific World Journal                  | 1.73              |
| 50  | ROLE OF PEROXIDASES IN CAPSAICINOIDS DEGRADATION IN HABANERO PEPPER (CAPSICUM CHINENSE JACQ.) PLANTS GROWN UNDER WATER DEFICIT CONDITIONS.                          | Zamudio Moreno Enid; Echevarría-Machado, I. C.; Medina Lara, María de Fátima; Calva-Calva G.; Miranda-Ham, María de L.,Dr. Manuel Martínez Estévez | Australian Journal of Crop Science        | 1.632             |
| 51  | NATURAL VARIATION IN RESPONSE TO NITRATE STARVATION AMONG VARIETIES OF HABANERO PEPPER (CAPSICUM CHINENSE JACQ.)  | Santiago Antonio, Gladys; Lizama Gasca Martha Guadalupe; Carrillo-Pech, M. R.;Dra. Ileana Echevarría Machado                                       | Australian Journal of Crop Science        | 1.632             |
| 52  | A VIBRATIONAL APPROACH TO DETERMINE THE ELASTIC MODULUS OF INDIVIDUAL THIN FILMS IN MULTILAYERS   | Dr. Francis Avilés;Lopez Puerto Alejandro de Jesus; Oliva Avilés Andres Ivan   | Thin Solid Films                          | 1.604             |
| 53  | A NEW NATURAL HYBRID BETWEEN PROSTHECHEA COCHLEATA AND P. RADIATA (ORCHIDACEAE) FROM ALTA VERAPAZ, GUATEMALA  | Mó, E.; Cetzal Ix William Rolando; E. Pérez-García; S. Basu;Dr. Germán Carnevali-Concha  | Turkish Journal of Botany                 | 1.6               |
| 54  | EFFECT OF ACCELERATED WEATHERING AND PHANEROCHAETE CHRYSOSPORIUM ON THE MECHANICAL PROPERTIES OF A PLASTIC COMPOSITE PREPARED WITH DISCARDED COIR AND RECYCLED HDPE | Ramirez Chan Daniel Enrique; López Naranjo Edgar José; Canto-Canché Blondy; Burgos Canul Yamily Yazmín; Dr. Ricardo Herbé Cruz Estada              | BioResources                              | 1.549             |

**ARTÍCULOS INTERNACIONALES**

| No. | TÍTULO   | AUTORES  | MEDIO                                       | FACTOR DE IMPACTO |
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| 55  | EPIPHYTIC ORCHIDS IN TROPICAL DRY FORESTS OF YUCATAN, MEXICO – SPECIES OCCURRENCE, ABUNDANCE AND CORRELATIONS WITH HOST TREE CHARACTERISTICS AND ENVIRONMENTAL CONDITIONS      | De la Rosa Manzano Edilia; Reyes García Casandra; Dr. José Luis Andrade Torres   | Flora                                       | 1.462             |
| 56  | ON THE ROLE OF FIBER COATING IN THE DEPOSITION OF MULTIWALL CARBON NANOTUBES ONTO GLASS FIBERS   | Kú Herrera José de Jesús; Cauch-Rodríguez Juan Valerio.; Avilés-Cetina, Francis  | Nanoscience and Nanotechnology Letters      | 1.444             |
| 57  | HIGH-ORDER THEORY FOR ARCHED STRUCTURES AND ITS APPLICATION FOR THE STUDY OF THE ELECTROSTATICALLY ACTUATED MEMS DEVICES   | Dr. Volodymyr Zozulya  | Archive of Applied Mechanics                | 1.438             |
| 58  | AN APPROACH BASED ON GENERALIZED FUNCTIONS TO REGULARIZE DIVERGENT INTEGRALS   | Dr. Volodymyr Zozulya  | Engineering Analysis with Boundary Elements | 1.437             |
| 59  | REDISCOVERY OF EUGENIA FAJARDENIS (MYRTACEAE), A RARE TREE FROM THE PUERTO RICAN BANK  | Cetzal Ix William Rolando  | Phytotaxa                                   | 1.376             |
| 60  | ONTOGENIC DEVELOPMENT AND STRUCTURE OF THE EMBRYO, SEED, AND FRUIT OF JATROPHA CURCAS L. (EUPHORBIACEAE).  | Catzín Yupit, Cristy Noemí; Ramírez-Morillo, I. M.; Barredo-Pool, F.; Dr. Víctor Loyola Vargas   | South African Journal of Botany             | 1.34              |
| 61  | ONTOGENIC DEVELOPMENT AND STRUCTURE OF THE EMBRYO, SEED, AND FRUIT OF JATROPHA CURCAS L. (EUPHORBIACEAE).  | Catzín Yupit, Cristy Noemí; Barredo-Pool A.; Loyola-Vargas, Victor M.; Ramírez-Morillo, I. M.  | South African Journal of Botany             | 1.34              |
| 62  | LACTIC ACID YIELD USING DIFFERENT BACTERIAL STRAINS, ITS PURIFICATION, AND POLYMERIZATION THROUGH RING-OPENING REACTIONS   | Orozco Olivarez Fátima Gimena; Valadez-González, Alex; Domínguez Maldonado Jorge Arturo; Dra. Liliana Alzate Gaviria   | International Journal of Polymer Science    | 1.322             |
| 63  | A NEW SPECIES OF MULE-EAR ONCIDIUM WITH STRAW-YELLOW FLOWERS (ORCHIDACEAE: ONCIDIINAE, LOPHIARIS) FROM CENTRAL PANAMA.   | Cetzal Ix William Rolando; W. & R. Balam; Dr. Germán Carnevali-Concha  | Phytotaxa                                   | 1.295             |
| 64  | THREE NEW SPECIES AND GROWTH PATTERNS IN HECHTIA (BROMELIACEAE: HECHTIOIDEAE)  | Carnevali Fernández-Concha, G.; Pinzón Esquivel Juan Pablo; Jiménez Nah Carlos Francisco   | Phytotaxa                                   | 1.295             |
| 65  | TWO NEW GREENISH ENCYCLIA: E. PARKERI AND E. SILVERARUM (LAELIINAE, ORCHIDACEAE)   | Dr. Germán Carnevali-Concha; Leopardi Verde Carlos Luis; GUILLERMO A. REINA-RODRÍGUEZ; Romero, Gustavo A.  | Phytotaxa                                   | 1.295             |
| 66  | NEW CULTIVARS DERIVED FROM CROSSES BETWEEN COMMERCIAL CULTIVAR AND A WILD POPULATION OF PAPAYA RESCUED AT ITS CENTER OF ORIGIN   | Vázquez Calderón Mariela; Zavala León Manuel Jesús; Contreras-Martín, F. A.; Espadas y Gil, F. L.; Navarrete-Yabur, A.; Sánchez-Teyer, L. F.; Dr. Jorge Santamaría | Journal of Botany                           | 1.257             |
| 67  | EFFECTS OF CLIMATE AND FOREST AGE ON PLANT AND CATERPILLAR DIVERSITY IN THE YUCATAN, MEXICO  | Tijl Anton Essens; Eurice; Pozo, C.; Vester, H. F. M.; Hector A. Hernández-Arana; Dra. Eurídice Leyequien  | Journal of Tropical Ecology                 | 1.222             |
| 68  | FOLIAR ANATOMY OF BEAUCARNEA LEMAIRE (NOLINACEAE SS)   | Mahinda Martínez; Hernández Sandoval L.; Carrillo, L.; QFB Lilia Carrillo  | Plant Systematics and Evolution             | 1.154             |
| 69  | AGING EFFECT IN THE ADHESION OF A PC/CPVC ARRANGEMENT FOR APPLICATION IN THERMO-SOLAR COLLECTORS   | Dr. Gonzalo Carrillo Baeza; García Solís Joel David; Gamboa Castellanos Ricardo Alberto; Aguilar J.O.  | Journal of Adhesion Science and Technology  | 1.153             |
| 70  | GENETIC DIVERSITY AND GENETIC STRUCTURE IN WILD POPULATIONS OF MEXICAN OREGANO (LIPPIA GRAVEOLENS HBK) AND ITS RELATIONSHIP WITH THE CHEMICAL COMPOSITION OF THE ESSENTIAL OIL | Martínez Nataren Daniela Alejandra; Ferrer-Ortega Miriam Monserrat; Dra. Luz María Calvo Irabien   | Plant Systematics and Evolution             | 1.15              |

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| No. | TÍTULO  | AUTORES  | MEDIO  | FACTOR DE IMPACTO |
|-----|---|--|--|-------------------|
| 71  | EFFECT OF ACCELERATED WEATHERING AND TERMITE ATTACK ON THE TENSILE PROPERTIES AND AESTHETICS OF RECYCLED HDPE-PINEWOOD COMPOSITES                       | López Naranjo Edgar José; Alzate-Gaviria, Liliana María; Hernández-Zárate, G.; Reyes Trujequé J, Ricardo Herbé Cruz Estada   | Journal of Thermoplastic Composite Materials | 1.134             |
| 72  | TERMITE RESISTANCE OF WOOD-PLASTIC COMPOSITES TREATED WITH ZINC BORATE AND BORAX  | López Naranjo Edgar José; Alzate-Gaviria, Liliana María; Hernández-Zárate, G.; Reyes Trujequé J.;Dr. Ricardo Herbé Cruz Estada   | Journal of Thermoplastic Composite Materials | 1.134             |
| 73  | ANTILEISHMANIAL ACTIVITY OF A MIXTURE OF TRIDAX PROCUMBENS AND ALLIUM SATIVUM IN MICE   | Dr. Sergio Peraza Sánchez; Gamboa-León Rubi; Vera Kú Blanca Marina; Ku-Chulim Carlos; Horta-Baas Aurelio; Miguel Rosdo Vallado   | Parasite                                     | 1.116             |
| 74  | SULFONATED AROMATIC COPOLY(ETHER-AMIDE) MEMBRANES: PREPARATION AND CHARACTERIZATION FOR POSSIBLE APPLICATION IN POLYMER ELECTROLYTE MEMBRANE FUEL CELLS | Dr. Manuel Aguilar Vega, Sosa González Wadi Elim; Palí Casanova, R.  | High Performance Polymers                    | 1.09              |
| 75  | INFLUENCE OF ARCHITECTURE ON THE RAMAN SPECTRA OF ACID-TREATED CARBON NANOSTRUCTURES  | Schönfelder R.; Knupfer M.; Azamar-Barrios, J. A.; González-Chi, Pedro I.; Herman Rümmele M., Francis Avilés   | Journal of Experimental Nanoscience          | 1.043             |
| 76  | ACIDOBACTERIA APPEAR TO DOMINATE THE MICROBIOME OF TWO SYMPATRIC CARIBBEAN SPONGES AND ONE ZOANTHID   | Rivera Dominguez Adan Jesús; De Los Santos-Briones, C.; Korynthia López Aguiar; Peña-Ramírez, Y. J.; Prieto Davo A, Dra. Aileen O'Connor Sánchez   | BIOLOGICAL RESEARCH                          | 1.041             |
| 77  | LIVING WITH DETERGENTS: PYROSEQUENCING-BASED ASSESSMENT OF BACTERIAL COMMUNITY STRUCTURES IN SOILS SUBJECTED FOR DECADES TO CONTAMINATION BY DETERGENTS | Rojas Herrera Rafael; Ramos Castillo Alejandra Socorro; Estrada-Medina, H.; De Los Santos-Briones, C.; Keb-Llanes, M. A.; Barrientos Medina Roberto C.; Peña-Ramírez, Y. J.; Dra. Aileen O'Connor Sánchez        | Annals of Microbiology                       | 1.039             |
| 78  | BIOACTIVE METABOLITES FROM CNIDOSCOLUS SOUZAE AND ACMELLA PILOSA  | Dr. Luis Manuel Peña Rodríguez, Zapata Estrella Hiatzy Eislin; Sanchez Pardenilla Azeret Dulce Monserrat; García-Sosa, K.; Escalante-Erosa, F.; Campos Buzzi F.; Meira-Quintao Nara Lisi; Cechinel Filho Valdir; | Natural Product Communications               | 0.96              |
| 79  | FERTIGATION OF SWEET SORGHUM (SORGHUM BICOLOR L. MOENCH.) IN LABORATORY AND NURSERY ASSAYS WITH TREATED VINASSES OF HYDRATED ETHANOL OF UASB REACTOR    | González Muñoz Muriel Elisa; España Gamboa Elda Isaura; Domínguez Maldonado Jorge Arturo; Alzate-Gaviria, Liliana María;Dr. Mijangos Cortés  | Revista Mexicana de Ingeniería Química       | 0.948             |
| 80  | PURIFICATION OF P47F, A NECROSIS INDUCING PROTEIN FRACTION FROM THE SECRETOME OF PHYTOPHTHORA CAPSICI   | Flores-Giubi, M. E.; Díaz Brito Mayra Alejandra; Brito Argáez Ligia Guadalupe; García-Sosa, K.; Escalante-Erosa, F.; Peña-Rodríguez Luis Manuel;Dr. Ignacio Islas Flores   | Journal of Phytopathology                    | 0.921             |
| 81  | SOMACLONAL VARIATION IN HABANERO PEPPER (CAPSICUM CHINENSE JACQ.) AS ASSESSED ISSR MOLECULAR MARKERS  | Dra. Nancy Santana Buzzy,Bello Bello, Jerico Jabin; Iglesias-Andreu, Lourdes Georgina; Avilés-Viñas, S.; Gómez-Uc, E.; Canto-Flick, A.   | HortScience                                  | 0.855             |
| 82  | THE FOOD SYSTEM DURING THE FORMATIVE PERIOD IN WEST MESOAMERICA.  | Dr. Daniel Zizumbo Villareal;Flores Silva Alondra Alejandra; Colunga García-Marín, P.  | Economic Botany                              | 0.772             |
| 83  | THE FOOD SYSTEM DURING THE FORMATIVE PERIOD IN WEST MESOAMERICA   | Colunga García-Marín, P.; Zizumbo-Villarreal, D.   | Economic Botany                              | 0.772             |
| 84  | A REAL-TIME PCR ASSAY FOR DETECTION OF COCONUT LETHAL YELLOWING PHYTOPLASMAS OF GROUP 16SRIV SUBGROUPS A, D AND E FOUND IN THE AMERICAS                 | Córdova Lara, I. ; Oropeza-Salín, C. M.; Puch Hau Carlos Alberto; Harrison, Nigel; Collí-Rodríguez, A. M.; Narváez-Cab, M. S.; Nic Matos José Germán; Reyes, C.;Dr. Luis Sáenz                                   | Journal of Plant Pathology                   | 0.768             |
| 85  | SPECIFIC OXYGEN UPTAKE OF THE ENTOMOPATHOGENIC NEMATODE, STEINERNEMA CARPOCAPSAE CABA01, IN SUBMERGED CULTURE.  | Chavarría Hernandez Norberto; Barahona-Pérez, Luis Felipe; Rodríguez Hernandez Adriana ;Dr. Juan Carlos Chavarría Hernández  | Biocontrol Science and Technology            | 0.731             |

**ARTÍCULOS INTERNACIONALES**

| No. | TÍTULO  | AUTORES  | MEDIO                                    | FACTOR DE IMPACTO |
|-----|---|--|--|-------------------|
| 86  | SINGLE NUCLEOTIDE POLYMORPHISMS IN PARTIAL SEQUENCES OF THE GENE ENCODING THE LARGE SUB-UNITS OF ADP-GLUCOSE PYROPHOSPHORYLASE WITHIN A REPRESENTATIVE COLLECTION OF 10 MUSA GENOTYPES                      | Mahendiran Muhilan; Ramírez Prado, Jorge H.; Escobedo Gracia-Medrano, R. M.; Canto-Canché Blondy; Tzec-Simá Miguel; Grijalva-Arango, R.; Dr. Andrew James Kay  | Electronic Journal of Biotechnology      | 0.647             |
| 87  | THIDIAZURON-INDUCED SHOOT ORGANOGENESIS OF CLEOME VISCOSA (L) THROUGH COTYLEDONARY EXPLANTS CULTURE   | Dr. Enrique Castaño de la Serna; Vijayakumar, J.; Shobana-Rathi, G; Bhuvaneshwari-S.M.; Ranjitha-kumari, B. D.;  | African Journal of Biotechnology         | 0.573             |
| 88  | GENETIC IDENTIFICATION OF THE BIOANODE AND BIOCATHODE OF A MICROBIAL ELECTROLYSIS CELL  | Aguilar-Espinosa, Margarita; Gómez Roque Limberg Alejandro; Canto-Canché Blondy; Escobedo Gracia-Medrano, R. M.; Domínguez Maldonado Jorge Arturo; Alzate-Gaviria, Liliana María, Dra. Rubí Valdéz Ojeda   | Revista Mexicana de Ingeniería Química   | 0.56              |
| 89  | DISMINUCIÓN DE LA CAPACIDAD DE INTERCAMBIO CATIONICO EN UNA PILA DE COMBUSTIBLE MICROBIANA Y SU RELACIÓN CON LA DENSIDAD DE POTENCIA  | García Rodríguez Orlando; Aguilar-Vega, Manuel de Jesús; Smit Mascha Afra; Alzate-Gaviria, Liliana María; Dr. Jorge Arturo Domínguez Maldonado   | Revista Mexicana de Ingeniería Química   | 0.56              |
| 90  | COMPARATIVE ANALYSIS OF 16S RIBOSOMAL RNA OF CANDIDATUS LIBERIBACTER ASIATICUS ASSOCIATED WITH HUANGLONGBING DISEASE OF PERSIAN LIME AND MEXICAN LIME REVEALS A MAJOR HAPLOTYPE WITH WORLDWIDE DISTRIBUTION | Moreno Enríquez, Angélica; Minero-García, Y.; Ramírez Prado, Jorge H.; Loeza Kuk E.; Uc-Varguez, Dr. Oscar Alberto Moreno Valenzuela   | African Journal of Microbiology Research | 0.539             |
| 91  | PLEURISANTHES FLAVA (ICACINACEAE): A NEW RECORD FOR BRAZIL  | Dr. Rodrigo Duno De Stefano  | Research Journal of Biotechnology        | 0.5               |
| 92  | PRIMER REGISTRO DE LA MALEZA ACUÁTICA ALTERNANTHERA PHILAXEROIDES (AMARANTHACEAE) PARA MÈXICO   | Dra. Ivonne Sánchez del Pino   | Botanical Sciences                       | 0.469             |
| 93  | CHEMICAL MANAGEMENT IN FUNGICIDE SENSITIVITY OF MYCOSPHAERELLA FIJIENSIS COLLECTED FROM BANANA FIELDS IN MÈXICO.  | Dr. Andrew James Kay; Aguilar-Barragan Alejandra; García-Torres Ana Elisa; Macedo-Raygoza Gloria; Odriozola-Casas Olga; Tetsuya Ogura; Manzo-Sánchez, G.; Islas-Flores Ignacio Rodrigo; Beltran García, M. | Brazilian Journal of Microbiology        | 0.452             |
| 94  | CHEMICAL MANAGEMENT IN FUNGICIDE SENSIVITY OF MYCOSPHAERELLA FIJIENSIS COLLECTED FROM BANANA FIELDS IN MÈXICO   | Aguilar-Barragan Alejandra; García-Torres Ana Elisa; Odriozola-Casas Olga; Macedo-Raygoza Gloria; Ogura Tetsuya; Manzo-Sánchez, G.; Islas-Flores Ignacio Rodrigo; Beltran García, M.; Dr. Andrew James Kay | Brazilian Journal of Microbiology        | 0.452             |
| 95  | LA SUSCEPTIBILIDAD DE LAS BROMELIÁCEAS EPÍFITAS AL CAMBIO CLIMÁTICO   | Dr. José Luis Andrade Torres, Cach Pérez Manuel Jesús; Reyes García Casandra   | Botanical Sciences                       | 0.382             |
| 96  | CALLIANDRA RICOANA (LEGUMINOSAE, MIMOSOIDEAE, TRIBE INGEAE): A NEW AND CRITICALLY ENDANGERED SPECIES FROM CHIAPAS, MÈXICO   | Dr. Rodrigo Duno De Stefano; Héctor M. Hernández; Celso Gutiérrez; Carnevali Fernández-Concha, G.; Cantltzá, L.L.; Pool Chí José Eliseo;   | Botanical Sciences                       | 0.382             |
| 97  | DISTYLOUS TRAITS IN CORDIA DODÉCANDRA AND CORDIA SEBESTENA (BORAGINACEAE) FROM THE YUCATAN PENINSULA  | César Humberto Canché Collí; Dra. María Azucena Canto Aguilar  | Botanical Sciences                       | 0.382             |
| 98  | ETNOBOTÁNICA DE LA CULTURA TEOTIHUACANA   | Dra. María Teresa Pulido Salas   | Botanical Sciences                       | 0.382             |
| 99  | RESPUESTAS FISIOLÓGICAS A LA SEQUÍA DE CINCO ESPECIES DE ORQUÍDEAS EPÍFITAS EN DOS SELVAS SECAS DE LA PENÍNSULA DE YUCATÁN  | Dr. José Luis Andrade Torres, Reyes García Casandra  | Botanical Sciences                       | 0.382             |
| 100 | JARDINES MEDICINALES EN YUCATÁN: UNA ALTERNATIVA PARA LA CONSERVACIÓN DE LA FLORA MEDICINAL DE LOS MAYAS  | Dra. Martha Méndez González; Torres Aviléz Wendy Marisol; Dorantes-Euan, A., Duran-García, Rafael  | Revista Fitotecnia Mexicana              | 0.264             |



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| No. | TÍTULO  | AUTORES   | MEDIO   | FACTOR DE IMPACTO |
|-----|---|---|---|-------------------|
| 101 | THE EFFECT OF SALICYLIC ACID ON THE GROWTH OF SEEDLING ROOTS OF BROSIMUM ALICASTRUM, A PERENNIAL TREE FROM THE MEXICAN TROPICS WHICH PRODUCES RECALCITRANT SEEDS. | Dr. Alfonso Larqué Saavedra   | Sylwan  | 0.263             |
| 102 | PRODUCTIVE POTENCIAL OF FENUGREEK (FABACEAE: TRIGONELLA FOENUM-GRÆCUM) IN VENEZUELA   | Cetzal Ix William Rolando   | AMERICAN BEE JOURNAL                              | 0.042             |
| 103 | SYNTHESIS AND CHARACTERIZATION OF PROTECTED OLIGOURETHANES AS CROSSLINKERS OF COLLAGEN-BASED SCAFFOLDS  | Dr. Juan Valerio Cauch Rodríguez;Mendoza Novelo Birzabith; Mata Mata J. L.; Vega González A.; Marcos-Fernández, A.  | Journal of Materials Chemistry B                  | 0                 |
| 104 | PHYSICOCHEMICAL CHARACTERIZATION OF SEGMENTED POLYURETHANES PREPARED WITH GLUTAMINE OR ASCORBIC ACID AS CHAIN EXTENDERS AND THEIR HYDROXYAPATITE COMPOSITES       | Dr. Juan Valerio Cauch Rodríguez;Cetina Díaz Saidy Margely; Chan Chan Lerma Hanaiy; Vargas-Coronado, R. F.; Cervantes-Uc José Manuel; Quintana-Owen, P.; Paakinaho K.; Kellomaki M. ; Lucy; Deb, S.; Cauich-Rodríguez Juan Valerio. | Journal of Materials Chemistry B                  | 0                 |
| 105 | CHARACTERIZATION OF LIGNOCELLULOSIC RESIDUES OF HENEQUEN AND THEIR USE AS A BIO-OIL SOURCE  | Fonseca Prieto F. V.; Chavarría Hernández Juan Carlos; Duarte-Aranda, S.,Dr. Gonzalo Canché Escamilla   | Biomass Conversion and Biorefinery                |                   |
| 106 | SALICYLIC ACID INDUCES VANILLIN SYNTHESIS THROUGH THE PHOSPHOLIPID SIGNALING PATHWAY IN CAPSICUM CHINENSE CELL CULTURES   | Rodas Junco Beatriz Adriana; Cab-Guillén Y; Muñoz-Sánchez, J. A.; Vázquez-Flota, F.; Monforte-González, Dra. Teresa Hernández Sotomayor   | Plant Signaling & Behavior                        |                   |
| 107 | EXPERIMENTAL AND NUMERICAL STUDY OF PLAIN-WOVEN ARAMID FABRIC   | Flores-Johnson Emmanuel; Gamboa Castellanos Ricardo Alberto; Shen, L.,Dr. Gonzalo Carrillo Baeza  | Advanced Materials Research                       |                   |
| 108 | EVALUATION OF MECHANICAL BEHAVIOUR OF BONE CEMENTS BY USING ACOUSTIC EMISSION TECHNIQUE   | Wakayama S.; Sakai T.; Cervantes-Uc José Manuel; May-Pat, A.,Dr. Rolando Rios Soberanis   | Advanced Materials Research                       |                   |
| 109 | A NEW SPECIES IN THE COHNIELLA ASCENDENS COMPLEX FROM AMAZONIAN VENEZUELA (ORCHIDACEAE, ONCIDIINAEE)  | Dr. Germán Carnevali-Concha;Cetzal Ix William Rolando; Carnevali Fernández-Concha, G.; Noguera Savelli Eliana Josefina  | Lankesteriana                                     |                   |
| 110 | FINITE-ELEMENT MODELLING OF BALLISTIC IMPACT OF PLAIN-WOVEN ARAMID FABRIC   | Flores-Johnson Emmanuel; Gamboa Castellanos Ricardo Alberto; Shen, L.;Dr. Gonzalo Carrillo Baeza  | Applied Mechanics and Materials                   |                   |
| 111 | APROVECHAMIENTO DE NUEVOS PRODUCTOS EN BASE A POLIESTIRENO EXPANDIDO RECUPERADO   | Caamal Canché Jesús Alberto; Couoh Nah J. S.; Gamboa Castellanos Ricardo Alberto; Cruz-Estrada, R. H.; Dr. Gonzalo Carrillo Baeza   | Revista Colombiana de Materiales                  |                   |
| 112 | PALMS OF EASTERN YUCATÁN PENINSULA, MEXICO: CHANGES ALONG A RAINFALL GRADIENT   | Dra. Luz María Calvo Irabien; Alvarado Segura Arturo Antonio; Duno Stefano Rodrigo.; Balslev, H.  | Palms : Journal of the International Palm Society |                   |
| 113 | A NEW RECORD OF COCCOTHRINAX READII FOR BELIZE  | Dr. Rodrigo Duno De Stefano;C. Moya   | Palms : Journal of the International Palm Society |                   |
| 114 | FIRST REPORT OF LETHAL YELLOWING DISEASE ASSOCIATED WITH SUBGROUP 16SRIV-A PHYTOPLASMAS IN ANTIGUA, WEST  | Myrie, W.; Harrison, Nigel; Douglas, Leisa; Helmick Ericka E.; Gore-Francis J.; McLaughlin W.A.;Dr. Carlos Oropeza Salín  | New Disease Report                                |                   |
| 115 | BIOSYNTHESIS OF GINSENOSES IN FIELD-GROWN PANAX GINSENG   | Schramek N.; Huber C.; Schmidt S.; Dvorski S.E.; Kmisel N.; Ostrozhenkova E.; Cusido R.M.; Wischmann G.; Eisenreich;Dr. Luis Manuel Peña Rodríguez  | JSM Biotechnology & Biomedical Engineering        |                   |
| 116 | CONOCIMIENTO TRADICIONAL MAYA SOBRE LA DINÁMICA SUCESIONAL DE LA SELVA. UN CASO DE ESTUDIO EN LA PENÍNSULA DE YUCATÁN   | González-Cruz, G.; García-Frapolli, E.; Casas Fernández, A.;Dr. Juan Manuel Dupuy Rada  | Etnobiología                                      |                   |

**ARTÍCULOS INTERNACIONALES**

| No. | TÍTULO  | AUTORES  | MEDIO                                | FACTOR DE IMPACTO |
|-----|---|--|--------------------------------------|-------------------|
| 117 | LA FAMILIA ICACINACEAE EN MEXICO--- CAMBIAR REVISTA   | Dr. Rodrigo Duno De Stefano,Gutiérrez-Báez, C.   | REB. Revista de educación bioquímica |                   |
| 118 | SELECTION OF ACALYPHA GAUMERI AS A POTENTIAL ANTIFUNGAL AGENT AGAINST ALTERNARIA CHRYSANTHEMI AND OTHER COMMON PHYTOPATHOGENIC FUNGI        | Dra. Marcela Gamboa Angulo,Vargas Díaz Arely Anayansi; M.; Medina-Baizabal, I. L. ; Pérez Brito Daisy; Cristóbal-Alejo, J.; Ruíz-Sánchez, E. | Revista Mexicana de Fitopatología    |                   |
| 119 | AISLADOS BACTERIANOS CON POTENCIAL BIOFERTILIZANTE PARA PLÁNTULAS DE TOMATE.  | Dr. José Juan Zúñiga Aguilar,Noh Medina José; Yam Chimal Carmen; Borges-Gómez, L.; Godoy-Hernández, Gregorio C.                              | Terra Latinoamericana                |                   |
| 120 | EVALUACION DE EXTRACTOS DE PLANTAS NATIVAS YUCATECAS CONTRA ALTERNARIA CHRYSANTHEMI Y ESPECTRO DE ACTIVIDAD ANTIFUNGICA DE ACALYPHA GAUMERI | Vargas Díaz Arely Anayansi; Medina-Baizabal, I. L. ; Pérez Brito Daisy; Cristóbal-Alejo, J.; Ruíz-Sánchez, E, Dra. Marcela Gamboa Angulo     | Revista Mexicana de Fitopatología    |                   |
| 121 | PORTRAITS OF HECHITIA (BROMELIACEAE: HECHDIOIDEAE): H. ISTHMUSIANA BURT-URTLEY  | Carnevali Fernández-Concha, G.; Ramírez-Morillo, I. M.   | Journal OF THE BROMELIAD SOCIETY     |                   |
| 122 | NUEVOS REGISTROS DE ORCHIDACEAE PARA HONDURAS.  | Cetzal Ix William Rolando  | Lankesteriana                        |                   |



CENTRO DE INVESTIGACIÓN  
CIENTÍFICA DE YUCATÁN A.C.

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# **PUBLICACIONES ARBITRADAS 2014**

## **Artículos Nacionales**

ARTÍCULOS NACIONALES

| No. | TÍTULO  | AUTORES  | MEDIO       | FACTOR DE IMPACTO |
|-----|---|--|-------------|-------------------|
| 1   | PRE-SOWING TREATMENTS AND OPTIONS TO INCREASE GERMINATION OF HABANERO PEPPER SEEDS (CAPSICUM CHINENSE JACQ.)                        | Dr. Jorge Santamaría, Garruña Hernández René; Latournerie-Moreno, L.; Pinzón-López, Luis Leonardo  | Agrociencia | 0.049             |
| 2   | TRANSCRIPTIONAL PROFILE IN RESPONSE TO NACL IN A HALOPHILIC BACTERIA STRAIN ISOLATED FROM SOLAR SALTERNS IN THE SOUTHEAST OF MEXICO | Dr. Luis Rodríguez Zapata, Pereira Santana, Alejandro; Arroyo-Herrera, A.; Rivera Muñoz Gerardo; Castaño-De la Serna, Enrique; Sánchez-Teyer, L. F.; Barrientos Medina Roberto C.; Suárez Solís, Víctor Manuel; Granados Baeza Manuel; | xPRUEBAS    |                   |