

ARTÍCULOS PUBLICADOS CICY 2011

INTERNACIONALES

No.	TÍTULO	AUTORES	NOMBRE DE LA REVISTA	FACTOR DE IMPACTO
1	FINISHED GENOME OF THE FUNGAL WHEAT PATHOGEN MYCOSPHAERELLA GRAMINICOLA REVEALS DISPENSOME STRUCTURE, CHROMOSOME PLASTICITY AND STEALTH PATHOGENESIS	Goodwing Stephen B.; Dhillon Braham; MBarek Sarrah Ben; Wittenberg Alexander; Hane James; Crane Charles F.; Van der Lee Theo A. J.; Grinwood Jane; Aerts Andrea; Antoniw John; Bailey Andy; Bluhm Burt; Bowler Judith; Bristow Jim; Van der Burgt Ate; Canto-Canché Blondy; Churchill Alice C. L.; Conde-Ferráez, L.; Cools Hans J.; Coutinho Pedro M.; Csukai Michael; Dehal Paramvir; De Wit Pierre; Donzelli Bruno; Van de Geest Henri C.; Van Ham Roeland C. H. J.; Hammond-Kosack Kim E.; Bernard Henrissat; Andrzej Kilian; Kobayashi S.; Edda Koopmann; Yiannis Kourmpetis; Arno Kuzniar; Lindquist Erika; Lombard Vicent; Maliepaard Chris; Martins Natalia; Mehrabi Rahim; Nap Jean P.H; Ponomarenko Alisa; Rudd Jasson J.; Salamov Asaf; Schouten Henk J.; Shap	Plos genetics	9.543
2	HIGH BUT NOT DRY: DIVERSE EPIPHYTIC, BROMELIADS ADAPTATIONS TO EXPOSURE WITHIN A SEASONALLY DRY TROPICAL FOREST COMMUNITY	Reyes, C.; Mejia-Chang, M.; Griffiths, H.	New Phytologist	6.516
3	ROLE OF LUPEOL SYNTHASE IN LOTUS JAPONICUS NODULE FORMATION	Delis C.; Georgiou S.; Peña-Rodríguez, L. M.; Kavroulakis N.; Ioannou E.; Roussis V.; Osbourn, A. E.; Papadopoulou K.K.; Krokida A.	New Phytologist	6.516
4	ELECTRICAL AND PIEZORESISTIVE PROPERTIES OF MULTI-WALLED CARBON NANOTUBE/POLYMER COMPOSITE FILMS ALIGNED BY AN ELECTRIC FIELD	Oliva Avilés Andres Ivan; Avilés-Cetina, Francis; Sosa V.	Carbon	4.893
5	IDENTIFICATION AND EXPRESSION PATTERN OF A NEW CAROTENOID CLEAVAGE DIOXYGENASE GENE MEMBER FROM BIXA ORELLANA	Rodríguez Ávila, Norma Laura; Narváez-Zapata, J. A.; Ramírez-Benítez, E.; Aguilar-Espinosa, M.; Rivera Madrid Renata L.B.	Journal of Experimental Botany	4.818
6	A MODIFIED BOLTZMANN SIGMOIDAL MODEL FOR THE PHASE TRANSITION OF SMART GELS	Navarro Adriana; Goycoolea, F.; Arguelles, W.; Higuera-Ciapara, I.	Soft Matter	4.457
7	GELATION PROCESSES IN THE NON-STOICHIOMETRIC POLYELECTROLYTE-SURFACTANT COMPLEX BETWEEN K-CARRAGEENAN AND DODECYLTRIMETHYLAMMONIUM CHLORIDE IN KCl	Rosas Durazo A.; Hernández, J.; Lizardi J.; Higuera-Ciapara, I.; Goycoolea, F.; Arguelles, W.	Soft Matter	4.457
8	METHYL JASMONATE INDUCES ATP BIOSYNTHESIS DEFICIENCY AND ACCUMULATION OF PROTEINS RELATED TO SECONDARY METABOLISM IN CATHARANTHUS ROSEUS (L.) G. HAIRY ROOTS	May-Ruiz, E.; De la Peña-Seaman, C.; Galaz-Ávalos, R. M.; Lei Zhen-tian; Watson Bonnie S.; Summer Lloyd W.; Loyola-Vargas, Victor M.	Plant Cell Physiology	4.257
9	CALCIFYING CORAL ABUNDANCE NEAR LOW-PH SPRINGS: IMPLICATIONS FOR FUTURE OCEAN ACIDIFICATION	Hernández-Terrones, L. M.; Rebolledo-Vieyra, M.; Paytán Adina; Potts Don; E.D. Crook	CORAL REEFS	3.78
10	SYNTHESIS AND GAS TRANSPORT PROPERTIES OF RIGID BLOCK COPOLYAMIDES	Loría-Bastarrachea, M. I. D.; Aguilar Vega Manuel de Jesús	Journal of membrane Science	3.673
11	MECHANICAL PROPERTIES AND BIODEGRADATION OF THERMOPLASTIC STARCHES OBTAINED FROM GRAFTED STARCHES WITH ACRYLICS	Canché-Escamilla, Gonzalo; Canché-Canché, M. C.; Duarte-Aranda, S.; Cáceres-Farfán, M.; Borges-Argáez, Rocio	Carbohydrate Polymers	3.463
12	GENETIC VARIATION AND DEMOGRAPHIC CONTRACTION OF THE REMNANT POPULATION OF MEXICAN CARIBBEAN PINE (PINUS CARIBAEA VAR. HONDURENSIS:PINACEAE)	Delgado-Valerio, P.; Piñero, D.; Rebolledo Camacho, Virginia; Lev Jardón; Chí-May, F.	Annals of Botany	3.388
13	ALUMINUM INDUCES CHANGES IN OXIDATIVE BURST SCAVENGING ENZYMES IN COFFEA ARABICA L. SUSPENSION CELLS WITH DIFFERENTIAL AL TOLERANCE	Ramírez-Benítez, E.; Muñoz-Sánchez, J. A.; Becerril-Chi, K.; Miranda-Ham, María de L.; Castro-Concha, L. A.; Hernández-Sotomayor, S. M. T.	Journal of Inorganic Biochemistry	3.317
14	INFLUENCE OF LANDSCAPE STRUCTURE AND STAND AGE ON SPECIES DENSITY AND BIOMASS OF A TROPICAL DRY FOREST ACROSS SPATIAL SCALES	Hernández-Stefanoni, J. L.; Dupuy-Rada, Juan. M.; Tun-Dzul, F.; May-Pat, F.	Landscape Ecology	3.2
15	COMBINING GEOSTATISTICAL MODELS AND REMOTELY SENSED DATA TO IMPROVE TROPICAL TREE RICHNESS MAPPING	Hernández-Stefanoni, J. L.; Gallardo-Cruz J. Alberto; Meave, J.; Dupuy-Rada, Juan. M.	Ecological Indicators	2.967
16	FLOURENSIA CERNUA: HEXANE EXTRACTS, A VERY ACTIVE MYCOBACTERICIDAL FRACTION FROM AN INACTIVE LEAF DECOCTION AGAINST PANSENSITIVE AND PANRESISTANT MYCOBACTERIUM TUBERCULOSIS	Molina-Salinas, G. M.; Peña-Rodríguez, L. M.; Mata-Cardenas, B. D.; Escalante-Erosa, F.; González Hernández S.; Torre de la Cruz V.M.; Martínez-Rodríguez, H.G.; Said-Fernández, S.	Evidence-Based Complementary and Alternative Medicine	2.964
17	LIPID PROFILING BY ELECTROSPRAY IONIZATION TANDEM MASS SPECTROMETRY AND THE IDENTIFICATION OF LIPID PHOSPHORYLATION BY KINASES IN POTATO STOLONS	Cenzano, A.; Cantoro, R.; Hernández-Sotomayor, S. M. T.; Abdala, G.; Racagni-de Di Palma, G.	Journal of Agricultural and Food Chemistry	2.816
18	CARBON SUPPORTED PLATINUM MOLYBDENUM ELECTRO-CATALYSTS AND THEIR ELECTRO-ACTIVITY TOWARD ETHANOL OXIDATION	Ordoñez-López, L.C.; Herrera Mendez Harvey Daniel; Smit Mascha Afra; Roquero, P.	International Journal of Electrochemical Science	2.808
19	CHARACTERIZATION OF COMPOSITE MESOPOROUS CARBON/CONDUCTING POLYMER ELECTRODES PREPARED BY CHEMICAL OXIDATION OF GAS-PHASE ABSORBED MONOMER FOR ELECTROCHEMICAL CAPACITORS	Pacheco Catalán Daniella; Morales, E.; Smit Mascha Afra	International Journal of Electrochemical Science	2.808
20	DEVELOPMENT AND CHARACTERIZATION OF NANOCAPSULES COMPRISING DODECYLTRIMETHYLAMMONIUM CHLORIDE AND K-CARRAGEENAN	Rosas Durazo A.; Lizardi J.; Arguelles, W.; Goycoolea, F.; Higuera-Ciapara, I.	Collids and Surfaces B: Biointerfaces	2.78

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No.	TÍTULO	AUTORES	NOMBRE DE LA REVISTA	FACTOR DE IMPACTO
21	MASS PRODUCTION OF THE ENTOMOPATHOGENIC NEMATODE, STEINERNEMA CARPOCAPSAE CABA01, THROUGH THE SUBMERGED MONOXENIC CULTURE IN TWO INTERNAL-LOOP AIRLIFT BIOREACTORS WITH SOME GEOMETRIC DIFFERENCES	Chavarría Hernández Norberto; Maciel Vergara Gabriela; Rodríguez Pastrana Blanca R.; De la Torre-Martínez Mayra; Rodríguez Hernández Adriana I; Castro Rosas Javier; Chavarría Hernández Juan Carlos	Biochemical Engineering Journal	2.692
22	GLUTATHIONE PLAYS A ROLE IN PROTECTING LEAVES OF SALVINIA MINIMA FROM PB 2 + DAMAGE ASSOCIATED WITH CHANGES IN THE EXPRESSION OF SMGS GENES AND INCREASED ACTIVITY OF GS	Estrella-Gómez, N.; Sauri Duch Enrique; Zapata-Pérez, Omar; Santamaría-Fernández, J.	Environmental and Experimental Botany	2.69
23	PALEOMAGNETISM OF IMPACT BRECCIAS FROM THE CHICXULUB CRATER – IMPLICATIONS FOR EJECTA EMPLACEMENT AND HYDROTHERMAL PROCESSES	Urrutia-Fucugauchi, Jaime; Rebolledo-Vieyra, M.; Velasco V. Miriam; Perez C. Ligia	Physics of the Earth and Planetary Interiors	2.64
24	SCREENING OF PLANTS USED IN MAYAN TRADITIONAL MEDICINE TO TREAT CANCER-LIKE SYMPTOMS	Caamal Fuentes Edgar Manuel; Torres-Tapia, L.; Simá-Polanco, P.; Peraza-Sánchez, S. R.; Moo-Puc, R.E.	Journal of Ethnopharmacology	2.466
25	PREDICTION OF SULFUR CONTENT, API GRAVITY, AND VISCOSITY USING A CONTINUOUS MIXTURE KINETIC MODEL FOR MAYA CRUDE OIL HYDROCRACKING IN A SLURRY-PHASE REACTOR	Martínez Grimaldo Héctor J.; Ramírez J.; Ortiz Moreno Hugo; Cuevas Rogelio; Chavarría Hernández Juan Carlos	Energy&Fuels	2.444
26	EXOGENOUS NITRATE INDUCES ROOT BRANCHING AND INHIBITS PRIMARY ROOT GROWTH IN CAPSICUM CHINENSE JACQ.	Celis Arámburo, Teresita de Jesús; Carrillo-Pech, M. R.; Castro-Concha, L. A.; Miranda-Ham, María de L.; Martínez-Estévez, Manuel; Echevarría-Machado, I. C.	Plant Physiology and Biochemistry	2.402
27	PHOSPHOLIPIDIC SIGNALING AND VANILLIN PRODUCTION IN RESPONSE TO SALICYLIC ACID AND METHYL JASMONATE IN CAPSICUM CHINENSE J. CELLS	Altúzar-Molina, A. R.; Muñoz-Sánchez, J. A.; Vázquez-Flota, F.; Monforte-González, M. S.; Racagni-de Di Palma, G.; Hernández-Sotomayor, S. M. T.	Plant Physiology and Biochemistry	2.402
28	SYSTEMIC INDUCTION OF A CAPSICUM CHINENSE NITRATE REDUCTASE BY THE INFECTION WITH PHYTOPHTHORA CAPSICI AND DEFENCE PHYTOHORMONES	Caamal Chan, María Goreti; Souza-Perera, R.; Zúñiga-Aguilar, J. J.	Plant Physiology and Biochemistry	2.402
29	THE IN VITRO SECRETOME OF MYCOSPHAERELLA FIJIENSIS INDUCES CELL DEATH IN BANANA LEAVES	Chuc-Uc, J. P.; Brito Argáez, Ligia Guadalupe; Canto-Canché, Blondy; Tzec-Simá, M.; Rodríguez-García, Cecilia. M.; Peraza-Echeverría, L.; Peraza-Echeverría, S.; James-Kay, Andrew C.; Cruz Cruz Carlos Alberto; Peña-Rodríguez, L. M.; Islas-Flores, Ignacio R.	Plant Physiology and Biochemistry	2.402
30	OCCURRENCE OF A 16SRIV GROUP PHYTOPLASMA NOT PREVIOUSLY ASSOCIATED WITH PALM SPECIES IN YUCATAN, MEXICO	Vázquez Euán Roberto Carlos; Harrison, Nigel; Narváez-Cab, M. S.; Oropeza-Salín, C. M.	Plant Disease	2.387
31	PHOTOELASTIC EVALUATION OF FIBER SURFACE-TREATMENTS ON THE INTERFACIAL PERFORMANCE OF A POLYESTER FIBER/EPOXY MODEL COMPOSITE	Flores-Johnson, E.; Vázquez-Rodríguez, J.M.; Herrera-Franco, Pedro J.; González-Chi, Pedro I.	Composites Part A: Applied Science and Manufacturing	2.349
32	OVICIDAL AND LARVICIDAL ACTIVITY OF THE CRUDE EXTRACTS FROM PHYTOLACCA ICOSANDRA AGAINST HAEMONCHUS CONTORTUS	Hernández Villegas Manuel Mateo; Borges-Argáez, Rocío; Rodríguez-Vivas, R.I.; Torres Acosta Juan Felipe de Jesús; Méndez-González, M. E.; Cáceres-Farfán, M.	Veterinary Parasitology	2.331
33	PREPARATION, CHARACTERIZATION AND RELEASE OF AMOXICILLIN FROM CELLULOSE ACETATE AND POLY(VINYL PYRROLIDONE) COAXIAL ELECTROSPUN FIBROUS MEMBRANES	Castillo-Ortega, M. M.; Najera Luna, A.; Rodríguez-Félix D. E.; Encinas J. C.; Rodríguez-Félix F.; Romero J.; Herrera-Franco, Pedro J.	Materials Science and Engineering: C	2.18
34	PATTERNS AND CORRELATES OF TROPICAL DRY FOREST STRUCTURE AND COMPOSITION IN A HIGHLY REPLICATED CHRONOSEQUENCE IN YUCATAN, MEXICO	Dupuy-Rada, Juan. M.; Hernández-Stefanoni, J. L.; Hernández Juárez Rodrigo Alejandro; Tetetla Rangel Erika ; Lopez Martínez Jorge Omar; Leyequien-Abarca, Eurice; Tun-Dzul, F.; Mav-Pat, F.	Biotropica	2.169
35	POPULATIONS STATUS AND REPRODUCTIVE SUCCESS OF AN ENDANGERED EPIPHYTIC ORCHID IN A FRAGMENTED LANDSCAPE	Parra-Tabla, V.; Vargas, F.; Celina Naval; Jeff Ollerton; Calvo-Irabién, L. M.	Biotropica	2.169
36	A SPECIES-SPECIFIC POLYMERASE CHAIN REACTION ASSAY FOR RAPID AND SENSITIVE DETECTION OF COLLETOTRICHUM CAPSICI	Torres Calzada Claudia Guadalupe; Tapia Tussell Raúl; Quijano Ramayo Andrés; Martín Mex Rodolfo; Rojas Herrera Rafael; Higuera-Ciapara, I.; Pérez Brito Daisy	Molecular Biotechnology	2.091
37	VARIATIONAL FORMULATION AND NONSMOOTH OPTIMIZATION ALGORITHMS IN ELASTODYNAMIC CONTACT PROBLEMS FOR CRACKED BODY	Zozulya-Volodimir, V.	Computer Methods in Applied Mechanics and Engineering	2.085
38	PREPARATION AND CHARACTERIZATION OF SULFONATED COPOLYAMIDES BASED ON POLY(HEXAFLUOROISOPROPYLIDENE) ISOPHTHALAMIDES FOR POLYMER ELECTROLYTIC MEMBRANES	Pérez Padilla Yamile; Smit Mascha Afra; Aguilar Vega Manuel de Jesús	Industrial and Engineering Chemistry Research	2.072
39	EXPERIMENTAL DETERMINATION OF TORSION AND SHEAR PROPERTIES OF SANDWICH PANELS AND LAMINATED COMPOSITES BY THE PLATE TWIST TEST	Avilés-Cetina, Francis; Couch Solís Fernando; Carlsson, L. A.; Hernández Pérez Adrián; May-Pat, A.	Composite Structures	2.036
40	NONLINEAR CHARACTERIZATION OF PP/TWARON LAMINATES BASED ON A MODEL OF PLASTICITY WITH DAMAGE	Mena Tun José Luis; Díaz-Díaz, A.; González-Chi, Pedro I.	Composite Structures	2.036
41	ETHYLENE, BUT NOT SALICYLIC ACID OR METHYL JASMONATE, INDUCES A RESISTANCE RESPONSE AGAINST PHYTOPHTHORA CAPSICI IN HABANERO PEPPER.	Núñez Pastrana, Rosalía; Arcos Ortega Guadalupe Fabiola; Souza-Perera, R.; Sanchez Borges Carlos Alberto; Nakazawa-Ueji, Y. E.; García Villalobos, Francisco Javier; Guzmán-Antonio, A. A.; Zúñiga-Aguilar, J. J.	European Journal of Plant Pathology	1.931

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No.	TÍTULO	AUTORES	NOMBRE DE LA REVISTA	FACTOR DE IMPACTO
42	ADSORPTION AND DESORPTION OF A GOLD-IODIDE COMPLEX ONTO CELLULOSE ACETATE MEMBRANE COATED WITH POLYANILINE OR POLYPYRROLE: A COMPARATIVE STUDY	Castillo-Ortega, M. M.; Santos-Sauceda I.; Encinas J. C.; Rodríguez-Félix D. E.; Del Castillo-Castro, T.; Rodríguez-Félix F.; Valenzuela García J. L.; Quiroz Castillo L. S.; Herrera-Franco, Pedro J.	Journal of Materials Science	1.859
43	EFFECT OF MOISTURE ABSORPTION ON THE MICROMECHANICAL BEHAVIOR OF CARBON FIBER/EPOXY MATRIX COMPOSITES	Cauich-Cupul, J. I.; Pérez-Pacheco, E.; Valadez-González, Alex; Herrera-Franco, Pedro J.	Journal of Materials Science	1.859
44	EFFECT OF THE INTERPHASE MICROSTRUCTURE ON THE BEHAVIOR OF CARBON FIBER/EPOXY RESIN MODEL COMPOSITE IN A THERMAL ENVIRONMENT	Pérez-Pacheco, E.; Moreno-Chulím, M. V.; Valadez-González, Alex; Ríos-Soberanis, Carlos R.; Herrera-Franco, Pedro J.	Journal of Materials Science	1.859
45	COMBINED INFLUENCE OF BARIUM SULFATE CONTENT AND COMONOMER CONCENTRATION ON PROPERTIES OF PMMA BONE CEMENTS FOR VERTEBROPLASTY	Cisneros Pineda Olga Guadalupe; Cauich-Rodríguez Juan Valerio.; Cervantes-Uc José Manuel; Vázquez Blanca; San Román Julio	Journal of Biomaterials Science - Polymer Edition	1.842
46	MORPHOLOGY-INFERRED PHYLOGENY AND A REVISION OF THE GENUS EMMOTUM (ICACINACEAE)	Duno Stefano Rodrigo.; Carnevali Fernández-Concha, G.	Annals of the Missouri Botanical Garden	1.8
47	A TG/FTIR STUDY ON THE THERMAL DEGRADATION OF POLY(VINYL PYRROLIDONE)	Loría-Bastarrachea, M. I. D.; Herrera-Kao, W. A.; Cauich-Rodríguez, Juan Valerio.; Cervantes-Uc, José Manuel; Vázquez-Torres, H.; Ávila-Ortega, A.	Journal of Thermal Analytical Calorimeter	1.752
48	PHYTOPLASMA DISTRIBUTION IN COCONUT PALMS AFFECTED BY LETHAL YELLOWING DISEASE	Oropeza-Salín, C. M.; Córdova Lara, I.; Chumba Abril; Narváez-Cab, M. S.; Sáenz Carbonell, Luis A.; Ashburner, G. R.; Harrison, Nigel	Annals of Applied Biology	1.681
49	INTRAPLANT VARIATION IN NECTAR TRAITS IN HELLEBORUS FOETIDUS (RANUNCULACEAE) AS RELATED TO FLORAL PHASE, ENVIRONMENTAL CONDITIONS AND POLLINATOR EXPOSURE	Isabel M. García; Pérez, R.; Mónica Vaz; Herrera, C. M.; Canto-Aguilar, María Azucena	Flora	1.657
50	OXIDATION AND SILANIZATION OF MWCNTS FOR MWCNT/VINYL ESTER COMPOSITES	Avilés-Cetina, Francis; Cauich-Rodríguez, Juan Valerio.; Rodríguez Gonzalez Julio Alejandro; May-Pat, A.	eXPRESS Polymers Letters	1.575
51	WHOLESALE REPLACEMENT OF LIMA BEAN (PHASEOLUS LUNATUS L.) LANDRACES OVER THE LAST 30 YEARS IN NORTHEASTERN CAMPECHE, MEXICO	Martínez-Castillo, Jaime; Camacho Pérez Luciana; Coello-Coello, J.; Andueza Noh Rubén Humberto	Genetic Resources and Crop Evolution	1.538
52	THE GREEN MICROALGA CHLORELLA SACCHAROPHILA AS A SUITABLE SOURCE OF OIL FOR BIODIESEL PRODUCTION	Herrera Valencia, Virginia. A.; Contreras Pool Patricia Yolanda; López Adrián Silvia J.; Peraza-Echeverría, S.; Barahona-Pérez, L. F.	Current Microbiology	1.51
53	BONEDIOL, A NEW ALKYL CATECHOL FROM BENELLIA MACROCARPA	Caamal Fuentes Edgar Manuel; Torres-Tapia, L.; Cedillo-Rivera, R.; Moo-Puc, R.E.; Peraza-Sánchez, S. R.	Phytochemistry Letters	1.364
54	STEROIDS FROM THE ROOT EXTRACT OF PENTALINON ANDRIEUXII	Yam Puc, Jesús Alejandro; Chee González, Leticia del Rocío; Escalante-Erosa, F.; Arunachalampillai A.; Wendt, O. F.; Sterner, O.; Peña-Rodríguez Luis Manuel	Phytochemistry Letters	1.364
55	CONTACT PROBLEM FOR THE FLAT CRACK UNDER TWO NORMALLY INCIDENT TENSION-COMPRESSION WAVES WITH WAVE MODE-SHIFTING	Guz, A. N.; Zozulya-Volodimir, V.	Engineering Analysis with Boundary Elements	1.359
56	METABOLITES FROM ROOTS OF COLUBRINA GREGGII VAR. YUCATANENSIS AND EVALUATION OF THEIR ANTIPROTOZOAN AND CYTOTOXIC ACTIVITY	Dominguez Carmona Dafne Berenice; Escalante-Erosa, F.; García-Sosa, K.; Ruiz-Pinell, G.; Gutiérrez-Yapu, D.; Chan-Bacab, M.; Moo-Puc, R.E.; Veitch, N. C.; Giménez-Turba, A.; Peña-Rodríguez, L. M.	Journal of the Brazilian Chemical Society	1.343
57	REVIEW: THE YUCATÁN PENINSULA KARST AQUIFER, MEXICO	Rebolledo-Vieyra, M.; Bauer-Gottwein Peter; Marín, Luis E.; Merediz Alonso Gonzalo	Hydrogeology Journal	1.326
58	GA3 INDUCES EXPRESSION OF E2F-LIKE GENES AND CDKA DURING IN VITRO GERMINATION OF ZYGOTIC EMBRYOS OF COCOS NUCIFERA (L.)	Montero-Cortés, M. I.; Córdova Lara, I.; Verdeil, J. L.; Hocher, V.; Pech y Aké, A.; Oropeza-Salín, C. M.; Sáenz Carbonell, Luis A.	Plant Cell, Tissue and Organ Culture	1.243
59	PHYLOGENETIC RELATIONSHIPS AND EXPRESSION IN RESPONSE TO LOW TEMPERATURE OF A CATALASE GENE IN BANANA (MUSA ACUMINATA CV.	Figueroa Yañez Luis Joel; Cano-Sosa, J. S.; Castaño-De la Serna, Enrique; Arroyo-Herrera, A.; Caamal-Velázquez, J. H.; Sánchez-Teyer, L. F.; López-Gómez, R.; De Los Santos-Briones, C.; Rodríguez-Zapata, Luis C.	Plant Cell, Tissue and Organ Culture	1.243
60	SYNTHESIS OF CARBON NANOSTRUCTURES FROM RESIDUAL SOLIDS WASTE TIRES	Mis Fernández Ricardo Javier; Ríos-Soberanis, Carlos R.; Arenas Alatorre J.; Azamar-Barrios, J. A.	Journal of Applied Polymer Science	1.24
61	VINASSES CHARACTERIZATION AND TREATMENTS	España Gamboa Elda Isaura; Barahona-Pérez, L. F.; Domínguez-Maldonado, J. A.; Mijangos-Cortés, Javier O.; Alzate Gaviria Liliana María; Hernández-Zarate, G.	Waste Management & Research	1.222
62	A NEW AZORELLANE DITERPENOID FROM AZORELLA MADREPORICA	Borquez, J.; Molina-Salinas, G. M.; Loyola-Morales, L. A.; San-Martin, A.; Peña-Rodríguez, L. M.; Said-Fernández, S.	Natural Product Research	0.906
63	ANTIFUNGAL ACTIVITY OF SAKURASAPONIN FROM THE ROOT EXTRACT OF JACQUINIA FLAMMEA	García-Sosa, K. Sánchez-Medina, A. Alvarez, L. Zaccchino Susana Veitch, N. C. Simá-Polanco, P. Peña-Rodríguez, L. M.	Natural Product Research	0.906

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64	IN VITRO SELECTION OF A SALT-TOLERANT EMBRYOGENIC LINE IN HABANERO PEPPER (CAPSICUM CHINENSE JACQ.)	Solis Marroquín, Daniela; Lecona-Guzmán Carlos Alberto; Canto-Flick, A.; Bello Bello, Jerico Jabin; Iglesias-Andreu, L. G.; Santana-Buzzy, N.	HortScience	0.886
65	WATER DEFICIT AFFECTS THE ACCUMULATION OF CAPSAICINOIDS IN FRUITS OF CAPSICUM CHINIENSE JACQ.	Ruiz Lau, N.; Medina Lara, María de Fátima; Minero-García, Y.; Zamudio Moreno Enid; Guzmán-Antonio, A. A.; Echevarría-Machado, I. C.; Martínez-Estévez, Manuel	HortScience	0.886
66	MECHANICAL PROPERTIES OF SANDWICH PANELS WITH PERFORATED FOAM CORES	May-Pat, A.; Avilés-Cetina, Francis; Aguilar J.O.	Journal of Sandwich Structures and Materials	0.773
67	PHOTOSYNTHETIC RESPONSES OF A SALT SECRETOR MANGROVE AVICENNIA GERMINANS, EXPOSED TO SALINITY STRESS	González-Mendoza, D.; Espadas y Gil, F. L.; Rodríguez José Francisco; Avilés Marin Silvia Mónica; Santamaría-Fernández, J.; Zapata-Pérez, Omar	Aquatic Ecosystem Health & Management	0.705
68	MORPHOLOGY AND DENSITY OF GLANDULAR TRICHOMES IN POPULATIONS OF MEXICAN OREGANO (LIPPIA GRAVEOLENS H.B.K., VERBENACEAE), AND THE RELATIONSHIP BETWEEN TRICHOME DENSITY AND CLIMATE	Martínez Nataren Daniela Alejandra; Parra-Tabla, V.; Calvo-Irabién, L. M.; Dzib, G.R.	Journal of the Torrey Botanical Society	0.7
69	MORPHOMETRIC ANALYSES WITHIN THE TILLANDSIA UTRICULATA L. COMPLEX (BROMELIACEAE) ALLOW FOR THE RECOGNITION OF A NEW SPECIES, WITH NOTES ON ITS PHYLOGENETIC POSITION	Ramírez-Morillo, I. M.; Carnevali Fernández-Concha, G.; Pinzón Esquivel Juan Pablo	Journal of the Torrey Botanical Society	0.7
70	TAXONOMIC NOTES IN AMERICAN POLYSTACHYA (ORCHIDACEAE): THE IDENTITY OF P. FOLIOSA (HOOK.) RCHB.F. AND THE REESTABLISHMENT OF P. CARACASANA RECHB.F.	Peraza Flores Lizandro Nicanor; Carnevali Fernández-Concha, G.; Romero-González, G.	Journal of the Torrey Botanical Society	0.7
71	PHYSIOLOGICAL EFFECTS OF THE HYDROPHILIC PHYTOXINS PRODUCED BY MICOSPHAERELLA FIJENSIS, THE CAUSAL AGENT OF BLACK SIGATOKA IN BANANA PLANTS	Cruz Cruz Carlos Alberto; García-Sosa, K.; Escalante-Erosa, F.; Peña-Rodríguez, L. M.	Journal of General Plant Pathology	0.687
72	TRANSIENT GENETIC TRANSFORMATION OF EMBRYOGENIC CALLUS OF COCOS NUCÍFERA	Andrade Torres Antonio; Oropeza-Salín, C. M.; Sáenz Carbonell, Luis A.; González-Estrada, T.; Ramírez-Benitez, E.; Chan-Rodríguez, J. L.; Rodríguez-Zapata, Luis C.	Biología	0.609
73	A REVIEW OF A PROMISING THERAPEUTIC AND AGRONOMICAL ALTERNATIVE: ANTIMICROBIAL PEPTIDES FROM CAPSICUM SP.	Moguel-Salazar, F.; Brito Argáez Ligia Guadalupe; Díaz Brito Mayra Alejandra; Islas-Flores Ignacio Rodrigo	African Journal of Biotechnology	0.573
74	EFFECT OF PLANT GROWTH REGULATORS ON IN VITRO GERMINATION OF COFFEE ZYGOTIC EMBRYOS	Bojórquez Quintal Jesús Emmanuel; Sánchez-Cach, L.; Gamboa Tec Naivy Faride; Quintal-Tun, F.H.; Minero-García, Y.; Martínez-Estévez, Manuel; Fuentes, C. F.; De Los Santos-Briones, C.	African Journal of Biotechnology	0.573
75	EFFECTS OF AMMONIUM NITRATE, CESIUM CHLORIDE AND TETRAETHYLAMMONIUM ON HIGH-AFFINITY POTASSIUM UPTAKE IN HABANERO PEPPER PLANTLETS (CAPSICUM CHINENSE JACQ.)	Pacheco Arjona José Ramón; Ruiz Lau, N.; Medina Lara, María de Fátima; Minero-García, Y.; Echevarría-Machado, I. C.; De Los Santos-Briones, C.; Martínez-Estévez, Manuel	African Journal of Biotechnology	0.573
76	NEW LACCASE-PRODUCING FUNGI ISOLATES WITH BIOTECHNOLOGICAL POTENTIAL IN DYE DECOLORIZATION	Tapia Tussell Raúl; Pérez Brito Daisy; Cortés-Velázquez, A.; Rojas Herrera Rafael; Solís-Pereira, S.; Rivera Muñoz Gerardo	African Journal of Biotechnology	0.573
77	SACCHARIFICATION WITH PHANEROCHAETE CHRYSOSPORIUM AND PLEUROTUS OSTREATUS ENZYMATIC EXTRACTS OF PRETREATED BANANA WASTE	Domínguez-Maldonado, J. A.; Barahona-Pérez, L. F.; Alzate Gaviria Liliana María; Canto-Canché Blondy; Mena Espino Xenia; Tzecz-Simá Miguel; Refugio Rodríguez Vázquez	African Journal of Biotechnology	0.573
78	ANTIMICROBIAL AND NEMATICIDAL SCREENING OF ANAMORPHIC FUNGI ISOLATED FROM PLANT DEBRIS OF TROPICAL AREAS IN MEXICO	Reyes Estebanez María Manuela de Jesús; Herrera-Parra, E.; Cristóbal-Alejo, J.; Heredia-Abarca, G.; Canto-Canché Blondy; Medina-Baizabal, I. L.; Gamboa-Angulo, María. M.	African Journal of Microbiology Research	0.533
79	ANTIMICROBIAL SCREENING OF TROPICAL MICROFUNGI ISOLATED	Reyes-Estebanez, M.; Herrera-Parra, E.; Cristóbal-Alejo, J.; Heredia-Abarca, G.; Canto-Canché, Blondy; Medina-Baizabal, I. L.; Gamboa-Angulo, María. M.	African Journal of Microbiology Research	0.533
80	RELIABLE IMPROVED MOLECULAR DETECTION OF COCONUT LETHAL YELLOWING PHYTOPLASMA AND REDUCTION OF ASSOCIATED DISEASE THROUGH FIELD MANAGEMENT STRATEGIES	Myrie, W.; Oropeza-Salín, C. M.; Sáenz Carbonell, Luis A.; Harrison, Nigel; Roca, M. M.; Córdova Lara, I.; Kú Rodríguez Sandra Cecilia; Douglas, Leisa	Bulletin of Insectology	0.371
81	NATURALLY OCCURRING FATTY ACID METHYL ESTERS AND ETHYL ESTERS IN THE GREEN MICROALGA (CHLAMYDOMONAS REINHARDTII)	Herrera Valencia, Virginia. A.; Us Vázquez Roberto Andrés; Larqué-Saavedra, Francisco. A.; Barahona-Pérez, L. F.	Ann Microbiol	0.35
82	UTILIZATION OF BY-PRODUCTS FROM THE TEQUILA INDUSTRY. PART 10: CHARACTERIZATION OF DIFFERENT DECOMPOSITION STAGES OF AGAVE TEQUILANA WEBBER BAGASSE USING FTIR SPECTROSCOPY, THERMOGRAVIMETRIC ANALYSIS AND SCANNING ELECTRON MICROSCOPY	Íñiguez, G.; Valadez-González, Alex; Manriquez, R.; Moreno-Chulím, M. V.	Revista Internacional de Contaminación Ambiental	0.333
83	NUMERICAL SOLUTION OF THE KIRCHHOFF PLATE BENDING PROBLEM WITH BEM	Zozulya-Volodimir, V.	ISRN Mechanical Engineering	0.25
84	A NEW SPECIES OF COHNIELLA (ORCHIDACEAE, CYMBIDAEAE, ONCIDIINAEE) FROM AMAZONIAN VENEZUELA	Cetzal Ix William Rolando; Carnevali Fernández-Concha, G.	Novon	0.224
85	A NEW SPECIES OF HECHTIA KLOTZSCH (BROMELIACEAE) FROM CHIHUAHUA STATE, MEXICO	Ramírez-Morillo, I. M.; Espejo-Serna, A.; López-Ferrari, R.	Novon	0.224

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No.	TÍTULO	AUTORES	NOMBRE DE LA REVISTA	FACTOR DE IMPACTO
86	ACOUSTIC EMISSION TECHNIQUE, AN OVERVIEW AS A CHARACTERIZATION TOOL IN MATERIALS SCIENCE	Ríos-Soberanis, C. R.	Journal of Applied Research and Technology	0.22
87	MICROBIAL DIVERSITY, METAGENOMICS AND THE YUCATAN AQUIFER	Rojas Herrera Rafael; Zamudio, Marcela; Pless, R.; O'Connor-Sánchez, I. A.	Phyton	0.171
88	PHYSICO-CHEMICAL CHARACTERIZATION OF NATURAL AND ACETYLATED THERMOPLASTIC CASSAVA STARCH	Mina Hernández José Hermínsul; Valdez-González, Alex; Herrera-Franco, Pedro J.; ; Delvasto, S.	Dyna Bilbao	0.144
89	A STUDY OF THE KINETICS OF POLYLACTIC ACID CRYSTALLIZATION BY IMAGE PROCESSING	Hernández-Sánchez, Fernando; Carrillo-Escalante, H. J.	Materials Research Society Symposium-Proceedings	0.086
90	EVALUACIÓN DE LA TRANSESTERIFICACIÓN DEL ACEITE DE CANOLA: EMPLEO DE LA ESPECTROSCOPIA DE INFRARROJO CON TRANSFORMADA DE FOURIER	Anguebes Franseschi F.; Rangel Marrón M.; Castelán Estrada M.; Guerrero Peña A.; Cervantes-Uc José Manuel; Aguilar Vega Manuel de Jesús; Herrera-Kao, W. A.	Ingeniería Química	0.069
91	FIRST REPORT OF COLLETOTRICHUM CAPSICI CAUSING ANTHRACNOSE IN JATROPHA CURCAS IN YUCATAN, MEXICO	Torres Calzada Claudia Guadalupe; Tapia Tussell Raúl; Nexticapan Garcéz Angel; Martín Mex Rodolfo; Quijano Ramayo Andrés; Cortés-Velázquez, A.; Higuera-Ciapara, I.; Pérez Brito Daisy	New Disease Report	
92	A HIGH ORDER THEORY FOR FUNCTIONALLY GRADED SHELL	Zozulya-Volodimir, V.	World Academy of Science, Engineering and Technology	
93	ALUMINUM STRESS AND ITS ROLE IN THE PHOSPHOLIPID SIGNALING PATHWAY IN PLANTS AND POSSIBLE BIOTECHNOLOGICAL APPLICATIONS	Hernández-Sotomayor, S. M. T.; Poot Poot, Wilberth Alfredo	Critical Review	
94	DIVERGENT INTEGRALS IN ELASTOSTATICS: GENERAL CONSIDERATIONS	Zozulya-Volodimir, V.	ISRN APPLIED MATHEMATICS	
95	EFFECT OF VISCOELASTIC BEHAVIOR ON ELECTROCONDUCTIVITY OF RECYCLED ACTIVATED CARBON COMPOSITES	Sakai T.; Gushiken T.; Koyanagi J.; Ríos-Soberanis, Carlos R.; Masuko T.; Matsushima S.; Kobayashi S.; Yoneyama S.	Applied Mechanics and Materials	
96	FANTASÍA MICROSCÓPICA	Canto-Aguilar, María Azucena; Andrade-Canto, S.	National Geographic Society	
97	FIRST REPORT OF THE EMPLOYMENT OF ISTR MARKERS IN CACTACEAE (PILOSCEREUS SP)	Montalvo Fernández Grecia; Ortiz García Matilde Margarita; Quiroz Moreno; Sanchez Tever Lorenzo Felipe	Revista Colombiana de Biotecnología	
98	GENETIC ANALYSIS OF SOMATIC EMBRYOGENESIS DERIVED PLANTS IN BANANA	Youseft, Muhamed; Kú-Cauich, J. R.; James-Kay Andrew C.; Escobedo Gracia-Medrano, R. M.	Assiut Journal of Agricultural Sciences	
99	GENETIC VARIABILITY IN RHIZOCTONIA SOLANI ISOLATE FROM VINIS VINIFERA BASED ON AMPLIFIED FRAGMENT LENGTH POLYMORPHISM	Meza Moller Amparo; Esqueda Valle Martín C.; Sánchez-Teyer, L. F.; Vargas Rosales Georgina; Gardea Alfonso A.	American Journal of Agricultural and Biological Sciences	
100	GLOMUS INTRARADICES ATTENUATES THE NEGATIVE EFFECT OF LOW PI SUPPLY ON PHOTOSYNTHESIS AND GROWTH OF PAPAYA MARADOL PLANTS	Nava-Gutierrez, Y.; Ferrera Cerrato Ronald; Santamaría-Fernández, J.	Journal of Botany	
101	INTERPENETRATED CHITOSAN-POLY(ACRYLIC ACID-CO-ACRYLAMIDE) HYDROGELS. SYNTHESIS, CHARACTERIZATION AND SUSTAINED PROTEIN RELEASE STUDIES	Bocurt Povea M.; Argüelles Monal W.; Cauich-Rodríguez Juan Valerio.; May-Pat, A.; Badas Rivero N.; Peniche Covas C.	Materials Sciences and Applications	
102	PATHOGENS AND PHARMACEUTICALS POLLUTANTS AS INDICATORS OF CONTAMINATION AT THE NORTHEASTERN AQUIFER OF QUINTANA ROO	Leal-Bautista, Rosa.M.; Hernández-Zárate, G.; Jaime Montiel Norma Angélica; Velázquez-Olimán, G.; Germán Cuevas R.	Tropical and Subtropical Agroecosystem	
103	PRIMER REPORTE DEL EMPLEO DE MARCADORES ISTR EN CACTACEAC (PILOSCEREUS SP)	Montalvo Fernández Grecia; Quiala Mendoza Elisa; Keb-Llanes, M. A.; Rojas Luis Emilio; Bautista Alor, Martín; Alonso Esquivel Maruchi; Quiroz-Moreno, A.; Rohde, W.; Sánchez-Teyer, L. F.; Ortiz García Matilde Margarita	Revista Colombiana de Biotecnología	
104	THE AMAZING ROLE OF GROUP III OF HISTIDINE KINASES IN PLANT PATHOGENIC FUNGI AN INSIGHT TO FUNGICIDE RESISTANCE.	Islas-Flores, Ignacio R.; Sánchez Rodríguez Yasmín Abril; Brito Argáez, Ligia Guadalupe; Peraza-Echeverría, L.; Rodríguez-García, Cecilia. M.; Couoh Uicab Yeny Lizzet; James-Kay, Andrew C.; Tzec-Simá, M.; Canto-Canché, Blondy; Peraza-Echeverría, S.	Asian Journal of Biochemistry	

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105	LOS GÉNEROS ALYSICARPUS Y DESMODIUM (FABACEAE) EN LA PENÍNSULA DE YUCATÁN, MÉXICO	Leticia Torres Colín; Duno Stefano Rodrigo.; Carlos Gómez Hinostrosa	Revista Mexicana de Biodiversidad	0.579
106	LOS GÉNEROS CAJANUS Y RHYNCHOSIA (LEGUMINOSAE, PAPILIONIDEAE, PHASEOLEAE, CAJANINAE) EN LA PENÍNSULA DE YUCATÁN, MÉXICO	Martínez-Bernal, A.; Duno Stefano Rodrigo.; Can-Itzá, L.L.	Revista Mexicana de Biodiversidad	0.579
107	DINÁMICA POBLACIONAL DE GENETS Y RAMETS DE MAMMILLARIA GAUMERI CACTÁCEA ENDÉMICA DE YUCATÁN	Ferrer Cervantes Merari Esther; Durán-García, Rafael; Méndez-González, M. E.; Dorantes-Euan, A.; Dzib, G.R.	Boletín de la Sociedad Botánica de México	0.455
108	ADDITION OF BENZYLADENINE TO COCONUT EXPLANTS CULTURED IN VITRO IMPROVES THE FORMATION OF SOMATIC EMBRYOS AND THEIR GERMINATION	Montero-Cortés, M. I.; Chan-Rodríguez, J. L.; Córdova Lara, I. ; Oropeza-Salín, C. M.; Sáenz Carbonell, Luis A.	Agrociencia de México	0.294
109	WHISKERS DE CELULOSA A PARTIR DE RESIDUOS AGROINDUSTRIALES DE BANANO: OBTENCIÓN Y CARACTERIZACIÓN	Bolio López Gloria Ivette; Valadez-González, Alex; Veleva, L.; Andreeva A.	Revista Mexicana de Ingeniería Química	0.242
110	LOPHIARIS OERSTIDII COMPLEX (ORCHIDACEAE) FROM THE YUCATAN PENINSULA, MEXICO	Balam, R.; Carnevali Fernández-Concha, G.; Cetzal Ix William Rolando; Duno Stefano Rodrigo.	Acta Botánica Mexicana	0.146
111	CLASSIFICATION AND AGROCLIMATIC ZONING USING THE RELATIONSHIP BETWEEN PRECIPITATION AND EVAPOTRANSPIRATION IN THE STATE OF YUCATAN, MEXICO	Delgado Carranza Maria del Carmen; Bautista, F.; Orellana-Lanza R. A. A.; Humberto Reyes Hernández	Investigaciones Geográficas, Boletín del Instituto de Geografía, UNAM.	
112	CONTROL DE DOS ESPECIES DE COLLETOTRICHUM CAUSANTES DE ANTRACNOSIS EN FRUTOS DE PAPAYA MARADOL	Santamaría Basulto Felipe; Díaz Plaza R.; Gutiérrez-Alonso, O.; Larqué-Saavedra, Francisco. A.; Santamaría-Fernández, J.	Revista Mexicana de Ciencias Agrícolas	
113	CONTROL DE DOS ESPECIES DE COLLETOTRICHUM Y SU EFECTO SOBRE EL COLOR Y SÓLIDOS SOLUBLES TOTALES EN FRUTOS DE PAPAYA MARADOL	Santamaría Basulto Felipe; Santamaría-Fernández, J.; Díaz-Plaza, R.; Gutiérrez-Alonso, O.; Larqué-Saavedra, Francisco. A.	Revista Iberoamericana de Tecnología Postcosecha	
114	EFFECTO DEL ÁCIDO SALICÍLICO EN LA BIOPRODUCTIVIDAD DE LA FRESA (FRAGARIA AMANASSA) CV AROMOSA	A. Anchondo Aguilar; A. Núñez Barrios; T. Ruiz Anchondo; Jaime Martínez-Téllez; Vergara-Yoisura, S.; Larqué-Saavedra, Francisco. A.	Revista Mexicana de Ciencias Agrícolas	
115	EL FRIJOL MAYA DEL SIGLO XXI	Wicab Cámara Nichte-Ha; Martínez-Castillo, Jaime	Ciencia y Desarrollo	
116	LA MICROALGA VERDE CHLAMYDOMONAS REINHARDTII: UNA ALTERNATIVA PARA LA PRODUCCIÓN DE PROTEÍNAS RECOMBINANTES DE INTERÉS MÉDICO	Rivera Solís Rodrigo Arturo Peraza-Echeverría, S. Herrera Valencia, Virginia. A.	Ciencia	