



WEB OF SCIENCE™



Horario de la Biblioteca: 8:00 a 16:00 h

El personal de la biblioteca tiene el objetivo de mantener informada a la comunidad del Centro. Por este medio les compartimos el material bibliográfico de reciente adquisición en las colecciones.

El boletín tiene una frecuencia mensual, y contendrá notas de las fuentes de información que ofrece la biblioteca a través del CONRICYT,



Nota: La Biblioteca acató las disposiciones aplicables por la contingencia sanitaria del COVID-19, debido a lo anterior solo se ofreció acceso electrónico a las colecciones. A continuación, presentamos los artículos digitales obtenidos durante el mes de abril.

Boletín de adquisiciones

30-05-2021

29, 2021

así como de las actividades que se realizan. El boletín se puede visualizar o descargar, desde el portal de la Biblioteca.

Confiamos en que la información sea de utilidad para sus labores de estudio e investigación que realiza dentro de las instalaciones del Centro.

LIBROS



Aducci, P. (ed.) **Signal transduction in plants.** Basel; Boston, Mass.: Birkhäuser Verlag. 181 p. ISBN 3764353074 (Basel) -- 0817653074 (Boston). [572.437 S5 1997] (1 ejemplar)

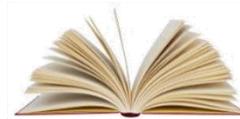
Scheel, D. & Wasternack, C. **Plant signal transduction.** Oxford; New York: Oxford University Press. xxi, 324 p. ISBN 0199638802 (Hbk.). [571.742 P53 2002] (1 ejemplar)

Kurjan, J. & Taylor, B. **Signal transduction: prokaryotic and simple eukaryotic systems.** San Diego: Academic Press. xvi, 463 p. ISBN 0124293506 (acid-free paper). [574.876 S53 1993] (1 ejemplar)

Cornish Bowden, A. **Fundamentals of enzyme kinetics (Revised edition^a ed.).** London Portland Pres. xiii, 343 p. ISBN 1855780720. [572.44 C67 1995] (1 ejemplar)

Fosket, D. (1994). **Plant growth and development: a molecular approach.** Estados Unidos de América: Academic Press. xix, 580 p. ISBN 0122624300. [581.3 F6 1994] (1 ejemplar)

TESIS



Araujo Sánchez, J. (2021). **Análisis de la expresión génica de la síntesis de betalaínas en células en suspensión de *Stenocereus queretaroensis* [recurso electrónico].** Mérida, Yuc... [TM A7383 2021] (1 ejemplar)

Bulnes Aquino, E. (2021). **Evaluación técnica y ambiental de la generación de electricidad mediante la gasificación de biomasa leñosa de Yucatán [recurso electrónico].** Mérida, Yuc... [TM B6554 2021] (1 ejemplar)

Can Cach, C. (2020). **Caracterización fisiológica de semillas de Fabaceae para su conservación en el Banco de Germoplasma del CICY [recurso electrónico].** Oxkutzcab, Yuc... [TL C35 C3 2020] (1 ejemplar)

Chávez Cauich, Y. (2021). **Comportamiento mecánico de materiales compuestos tipo panel en aplicaciones estructurales para zonas sísmicas [recurso electrónico].** Mérida, Yuc... [TM C535 C6 2021] (1 ejemplar)

Garza González, D. (2021). Análisis de diversidad de la microbiota del polen corbicular y del pan de abeja de *Apis mellifera* en condiciones subtropicales de Yucatán [recurso electrónico]. Mérida, Yuc... [TM G3793 2021] (1 ejemplar)

Hernández Rodríguez, I. (2021). Estudio sobre la generación de desechos plásticos en una comunidad y obtención de un material con polietileno recuperado y sargazo [recurso electrónico]. Frontera, Centla, Tabasco.. [TL H4753 E88 2021] (1 ejemplar)

Mena Osorio, M. (2021). Estudio de muros aligerados con un diseño basado en la estructura de la concha nácar para aplicaciones en zonas sísmicas [recurso electrónico]. Mérida, Yuc... [TM M353 2021] (1 ejemplar)

Mustieles Diaz-Mercado, J. (2021). Soportes electro-catalíticos de carbono sintetizados por medio de plantillas inorgánicas mesoporosas y su evaluación en reacciones de electrodo de una celda de combustible [recurso electrónico]. Mérida, Yuc... [TM M88 2021 PRESTAMO RESTRINGIDO] (1 ejemplar)

Sulub Tun, A. (2021). Filogeografía de *Bresimum alicastrum* Sw. En México [recurso electrónico]. Mérida, Yuc... [TM S85 2021] (1 ejemplar)

DOCUMENTOS OBTENIDOS



Leonhardt, S. D.; Blüthgen, N. **A sticky affair: resin collection by Bornean stingless bees.** Biotropica. 41(6)p.730-736, 2009. [B-18613](#)

Leonhardt, S. D.; Baumann, A. M.; Wallace, H. M.; Brooks, P.; Schmitt, T. **The chemistry of an unusual seed dispersal mutualism: Bees use a complex set of olfactory cues to find their partner.** Animal Behaviour. 98 p.41-51, 2014. [B-18614](#)

Luo, J. J.; Daniel, I. M. **A cylinder model for characterization of deformation and damage development in a unidirectional composite.** Composites science and technology. 60(15)p.2791-2802, 2000. [B-18615](#)

Fu, S. Y.; Yue, C. Y.; Hu, X.; Mai, Y. W. **Analyses of the micromechanics of stress transfer in single-and multi-fiber pull-out tests.** Composites science and technology., 60(4)p.569-579, 2000. [B-18616](#)

Graupner, N.; Robler, J.; Ziegmann, G.; Müssig, J. **Fibre/matrix adhesion of cellulose fibres in PLA, PP and MAPP: A critical review of pull-out test, microbond test and single fibre fragmentation test results.** Composites Part A: Applied Science and Manufacturing. 63 p.133-148, 2014. [B-18617](#)

Morlin, B.; Czigany, T. **Cylinder test: Development of a new microbond method.** Polymer Testing. 31(1)p.164-170, 2012. [B-18618](#)

Totry, E.; Molina-Aldareguía, J. M.; González, C.; LLorca, J. **Effect of fiber, matrix and interface properties on the in-plane shear deformation of carbon-fiber reinforced composites.** Composites Science and Technology. 70(6)p.970-980, 2010. [B-18619](#)

Yang, L.; Thomason, J. L. **Development and application of micromechanical techniques for characterising interfacial shear strength in fibre-thermoplastic composites.** Polymer Testing. 31(7)p.895-903, 2012. [B-18620](#)

Langenheim, J. H.; Stubblebine, W. H.; Lincoln, D. E.; Foster, C. E. **Implications of variation in resin composition among organs, tissues and populations in the tropical legume Hymenaea.** Biochemical systematics and ecology. 6(4)p.299-313, 1978. [B-18621](#)

Poh, P. S.; Hutmacher, D. W.; Stevens, M. M.; Woodruff, M. A. **Corrigendum: fabrication and in vitro characterization of bioactive glass composite scaffold for bone regeneration (2013 Biofabrication 5 045005).** Biofabrication., 6(2)p.029501., 2014. [B-18622](#)

Soni, R.; Kumar, N. V.; Chameettachal, S.; Pati, F.; Rath, S. N. **Synthesis and optimization of PCL-bioactive glass composite scaffold for bone tissue engineering.** Materials Today: Proceedings,. 15 p.294-299, 2019. [B-18623](#)

Liang, M. H.; He, Y. J.; Liu, D. M.; Jiang, J. G. **Regulation of carotenoid degradation and production of apocarotenoids in natural and engineered organisms.** Critical Reviews in Biotechnology. 41(4)p.513-534, 2021. [B-18624](#)

Lott, J. N.; Ockenden, I.; Raboy, V.; Batten, G. D. **Phytic acid and phosphorus in crop seeds and fruits: a global estimate.** Seed Science Research. 10(1)p.11-33, 2000. [B-18625](#)

Verlaan, M. G.; Hutton, S. F.; Ibrahim, R. M.; Kormelink, R.; Visser, R. G.; Scott, J. W.; Bai, Y. . **The tomato yellow leaf curl virus resistance genes Ty-1 and Ty-3 are allelic and code for DFDGD-class RNA-dependent RNA polymerases.** PLoS Genet. 9(3)p.e1003399., 2013. [B-18626](#)

Wetzel, V.; Brault, V.; Varrelmann, M. **Production of a Beet chlorosis virus full-length cDNA clone by means of Gibson assembly and analysis of biological properties.** Journal of General Virology. 99(11)p.1522-1527, 2018. [B-18627](#)

Cordova, I.; Oropeza, C.; Almeyda, H.; Harrison, N. A. **First report of a phytoplasma-associated leaf yellowing syndrome of palma jipi plants in southern Mexico.** Plant Disease. 84(7)p.807-807, 2000. [B-18628](#)

Cho, H.; Lee, H.; Oh, E.; Lee, S. H.; Park, J.; Park, H. J.; Lee, K. H. **Hierarchical structure of carbon nanotube fibers, and the change of structure during densification by wet stretching.** Carbon. 136 p.409-416, 2018. [B-18629](#)

Cunningham, A. B.; Brinckmann, J. A.; Bi, Y. F.; Pei, S. J.; Schippmann, U.; Luo, P. **Paris in the spring: A review of the trade, conservation and opportunities in the shift from wild harvest to cultivation of Paris polyphylla (Trilliaceae).** Journal of ethnopharmacology. 222 p.208-216., 2018. [B-18630](#)

Cunningham, A. B.; Brinckmann, J. A.; Schippmann, U.; Pyakurel, D. **Production from both wild harvest and cultivation: The cross-border Swertia chirayita (Gentianaceae) trade.** Journal of ethnopharmacology. 225 p.42-52, 2018. [B-18631](#)

Brendler, T.; Brinckmann, J. A.; Schippmann, U. **Sustainable supply, a foundation for natural product development: The case of Indian frankincense (Boswellia serrata Roxb. ex Colebr.).** Journal of ethnopharmacology. 225 p.279-286, 2018. [B-18632](#)

Brinckmann, J. A.; Cunningham, A. B.; Harter, D. E. **Running out of time to smell the roseroots: Reviewing threats and trade in wild Rhodiola rosea L.** Journal of Ethnopharmacology. 269 p.113710, 2021. [B-18633](#)

Oliveira, G; Marques, C.; de Oliveira, A.; dos Santos, A. D. A.; do Amaral, W.; Ineu, R. P.; Mafra, M. R. **Extraction of bioactive compounds from Curcuma longa L. using deep eutectic solvents: In vitro and in vivo biological activities.** Innovative Food Science Emerging Technologies. 70 p.102697, 2021. [B-18634](#)

Heyduk, K.; McKain, M. R.; Lalani, F.; Leebens-Mack, J. **Evolution of a CAM anatomy predates the origins of Crassulacean acid metabolism in the Agavoideae (Asparagaceae).** Molecular phylogenetics and evolution. 105 p.102-113., 2016. [B-18635](#)

Guliani, A.; Verma, M.; Kumari, A.; Acharya, A. **Retaining the 'essence' of essential oil: Nanoemulsions of citral and carvone reduced oil loss and enhanced antibacterial efficacy via bacterial membrane perturbation.** Journal of Drug Delivery Science and Technology. 61 p.102243, 2021. [B-18636](#)

Trifan, A.; Luca, S. V.; Greige-Gerges, H.; Miron, A.; Gille, E.; Aprotoisoie, A. C. **Recent advances in tackling microbial multidrug resistance with essential oils: combinatorial and nano-based strategies.** Critical Reviews in Microbiology. 46(3)p.338-357., 2020. [B-18637](#)

Baptista-Silva, S.; Borges, S.; Ramos, O. L.; Pintado, M.; Sarmento, B. **The progress of essential oils as potential therapeutic agents: A review.** Journal of Essential Oil Research. 32(4)p.279-295., 2020. [B-18638](#)

Gafur, A.; Sukamdani, G. Y.; Kristi, N.; Maruf, A.; Xu, J.; Chen, X.; Ye, Z. **From bulk to nano-delivery of essential phytochemicals: recent progress and strategies for antibacterial resistance.** Journal of Materials Chemistry B. p.<https://doi.org/10.1039/DOTB01671C>, 2020. [B-18639](#)

Zhang, L; Zeng, X.; Fu, N.; Tang, X.; Sun, Y.; Lin, L. **Maltodextrin: A consummate carrier for spray-drying of xylooligosaccharides.** Food Research International. 106 p.383-393., 2018. [B-18640](#)

Bowman, J. L.; Sandoval, E. F.; Kato, H. **On the Evolutionary Origins of Land Plant Auxin Biology.** Cold Spring Harbor Perspectives in Biology. 13(6)p.a040048., 2021. [B-18641](#)

Yan, Y.; Shi, Q.; Gong, B. **S-nitroso-glutathione Reductase-Mediated nitric oxide affects axillary buds outgrowth of solanum lycopersicum L. by regulating auxin and cytokinin signaling.** Plant and Cell Physiology. p.<https://doi.org/10.1093/pcp/pcab002>, 2021. [B-18642](#)

Zhao, X.; Song, J.; Zeng, Q.; Ma, Y.; Fang, H.; Yang, L.; Yue, J. **Auxin and cytokinin mediated regulation involved in vitro organogenesis of papaya.** Journal of Plant Physiology. 260 p.153405., 2021. [B-18643](#)

Condori-Apfata, J. A.; Batista-Silva, W.; Medeiros, D. B.; Rafael Vargas, J.; Valente, L. M. L.; Luis Perez Diaz, J.; Nunes-Nesi, A. **Down-regulation of the E2 subunit of 2-oxoglutarate dehydrogenase modulates plant growth by impacting carbon-nitrogen metabolism in Arabidopsis thaliana.** Plant and Cell Physiology. p.<https://doi.org/10.1093/pcp/pcab036>, 2021. [B-18644](#)

Bashar, K. K.; Hanif, M. A. **Crop gene editing against biotic stresses via CRISPR/Cas9 tools: a review.** Archives of Phytopathology and Plant Protection. 1-23., 2021. [B-18645](#)

Dai, X.; Yang, X.; Wang, C.; Fan, Y.; Xin, S.; Hua, Y.; Huang, H. **CRISPR/Cas9-mediated genome editing in Hevea brasiliensis.** Industrial Crops and Products. 164 p.113418., 2021. [B-18646](#)

Kabir, M. R.; Nonhebel, H. M.; Backhouse, D.; Winter, G. **Expression of key auxin biosynthesis genes correlates with auxin and starch content of developing wheat (*Triticum aestivum*) grains.** Functional Plant Biology. p.[doi: 10.1071/FP20319](https://doi.org/10.1071/FP20319), 2021. [B-18647](#)

Ono, A.; Kinoshita, T. **Epigenetics and plant reproduction: Multiple steps for responsibly handling succession.** Current Opinion in Plant Biology. 61 p.102032., 2021. [B-18648](#)

Manduzio, S.; Kang, H. **RNA methylation in chloroplasts or mitochondria in plants.** RNA biology. 1-9, 2021. [B-18649](#)

de Oliveira, F. F.; Tomaz, J. P.; da Silva, B. S. R.; dos Santos, T. B.; Iwamoto-Suzuki, S. T.; dos Santos Scholz, M. B.; Pereira, L. F. P. **Coffea arabica L. genes from isoprenoid metabolic pathways are more expressed in full sun cultivation systems than in agroforestry systems.** Plant Gene. 26 p.100287, 2021. [B-18650](#)

Rezaei, A.; Farsi, M.; Malekzadeh-Shafaroudi, S.; Seifi, A. **In planta removal of nptII selectable marker gene from transgenic tobacco plants using CRISPR/Cas9 system.** Plant Gene. 26 p.100288., 2021. [B-18651](#)

Jorrin Novo, J. V. **Proteomics and plant biology: contributions to date and a look towards the next decade.** Expert Review of Proteomics. 18(2)p.93-103., 2021. [B-18652](#)

Manokari, M.; Priyadarshini, S.; Shekhawat, M. S. **Direct somatic embryogenesis using leaf explants and short term storage of synseeds in Spathoglottis plicata Blume.** Plant Cell, Tissue and Organ Culture (PCTOC). 145(2)p.321-331., 2021. [B-18653](#)

Arias, J. P.; Mendoza, D.; Arias, M. **Agitation effect on growth and metabolic behavior of plant cell suspension cultures of Thevetia peruviana at bench scale reactor.** Plant Cell, Tissue and Organ Culture (PCTOC). 145(2)p.307-319., 2021. [B-18654](#)

Singh, R.; Chandel, S.; Ghosh, A.; Dey, D.; Chakravarti, R.; Roy, S.; Ghosh, D. **Application of CRISPR/Cas System in the Metabolic Engineering of Small Molecules.** Molecular Biotechnology. 1-18, 2021. [B-18655](#)

Ghorbel, M.; Brini, F.; Sharma, A.; Landi, M. **Role of jasmonic acid in plants: the molecular point of view.** Plant Cell Reports. p.1-24., 2021. [B-18656](#)

Ali, E. F.; El-Shehawi, A. M.; Ibrahim, O. H. M.; Abdul-Hafeez, E. Y.; Moussa, M. M.; Hassan, F. A. S. **A vital role of chitosan nanoparticles in improvisation the drought stress tolerance in Catharanthus roseus (L.)through biochemical and gene expression modulation.** Plant Physiology and Biochemistry. 161 p.166-175, 2021. [B-18657](#)

Hassan, F. A. S.; Ali, E.; Gaber, A.; Fetouh, M. I.; Mazrou, R. **Chitosan nanoparticles effectively combat salinity stress by enhancing antioxidant activity and alkaloid biosynthesis in Catharanthus .** Plant Physiology and Biochemistry. 162 p.291-300., 2021. [B-18658](#)

Yahyazadeh, M.; Jerz, G.; Winterhalter, P.; Selmar, D. The complexity of sound quantification of specialized metabolite biosynthesis: The stress related impact on the alkaloid content of Catharanthus roseus. Phytochemistry. 187 p.112774., 2021. [B-18659](#)

Murvanidze, N.; Nisler, J.; Leroux, O.; Werbrouck, S. P. **Cytokinin oxidase/dehydrogenase inhibitors stimulate 2iP to induce direct somatic embryogenesis in Coffea arabica.** Plant Growth Regulation. 94(2)p.195-200., 2021. [B-18660](#)

Cheng, Y.; Liu, H.; Tong, X.; Liu, Z.; Zhang, X.; Jiang, X.; Yu, X. **Somatic embryogenesis and triterpenoid saponin production in Aralia elata (Miq.)Seem.** Scientia Horticulturae. 285 p.110162., 2021. [B-18661](#)

Stone, E. J.; Norman, J. E.; Davis, S. M.; Stewart, D.; Clay, T. E.; Caballero, B.; Murray, D. M. **Design, implementation, and quality control in the Pathways American-Indian multicenter trial.** Preventive medicine. 37 p.S13-S23., 2003. [B-18662](#)

Tan, S.; Kern, R. C.; Selleck, W. **The pST44 polycistronic expression system for producing protein complexes in Escherichia coli.** Protein expression and purification. 40(2)p.385-395., 2005. [B-18663](#)

Gunn, E. L.; Rica, M.; Zorrilla-Miras, P.; Vay, L.; Mayor, B.; Pagano, A.; Giordano, R. **The natural assurance value of nature-based solutions: A layered institutional analysis of socio ecological systems for long term climate resilient transformation.** Ecological Economics. 186 p.107053., 2021. [B-18664](#)

van der Ven, H.; Sun, Y.; Cashore, B. **Sustainable commodity governance and the global south.** Ecological Economics. 186 p.107062}, 2021. [B-18665](#)

Swarts, K.; Bauer, E.; Glaubitz, J. C.; Ho, T.; Johnson, L.; Li, Y.; Bradbury, P. **Joint analysis of days to flowering reveals independent temperate adaptations in maize.** Heredity. 1-13, 2021. [B-18666](#)

Su, L. S.; Tsai, J. L. **Characterizing the mechanical properties of nanocomposites with aligned graphene.** Polymer Composites. p.<https://doi.org/10.1002/pc.26112>, 2021. [B-18667](#)

Day, R. J.; Rodriguez, J. C. **Investigation of the micromechanics of the microbond test.** Composites Science and Technology. 58(6)p.907-914, 1998. [B-18668](#)

Mabe, F. N.; Ayamga, M.; Amadu, M. **Livelihood security of rural households in Northern Ghana: do forests matter?.** Environment, Development and Sustainability. p.1-17, 2020. [B-18669](#)

Varah, F.; Mahongnao, M.; Pani, B.; Khamrang, S. **Exploring young consumers' intention toward green products: applying an extended theory of planned behavior.** Environment, Development and Sustainability. p.1-15., 2020. [B-18670](#)

Cullen, N.; Xia, J.; Wei, N.; Kaczorowski, R.; Arceo-Gómez, G.; O'Neill, E.; Ashman, T. L. . **Diversity and composition of pollen loads carried by pollinators are primarily driven by insect traits, not floral community characteristics.** Oecologia. p.1-13., 2021. [B-18671](#)

Scott, E. R.; Crone, E. E. **Using the right tool for the job: the difference between unsupervised and supervised analyses of multivariate ecological data.** Oecologia. 196(1)p.13-25, 2021. [B-18672](#)

Sithole, N. T.; Kulkarni, M. G.; Finnie, J. F.; Van Staden, J. **Potential nematicidal properties of plant extracts against Meloidogyne incognita.** South African Journal of Botany. 139 p.409-417., 2021. [B-18673](#)

Anith, K. N.; Nysanth, N. S.; Natarajan, C. **Novel and rapid agar plate methods for in vitro assessment of bacterial biocontrol isolates' antagonism against multiple fungal phytopathogens.** Letters in Applied Microbiology. p.<https://doi.org/10.1016/j.lam.2021.02.014>, 2021. [B-18674](#)

Sapurina, I.; Bubulinca, C.; Trchová, M.; Prokes, J.; Stejskal, J. **Conducting polypyrrole and polypyrrole/manganese dioxide composites prepared with a solid sacrificial oxidant of pyrrole.** Synthetic Metals. 278 p.116807, 2021. [B-18675](#)

Khan, T.; Irfan, M. S.; Ali, M.; Dong, Y.; Ramakrishna, S.; Umer, R. **Insights to low electrical percolation thresholds of carbon-based polypropylene nanocomposites.** Carbon. 176 p.602-631, 2021. [B-18676](#)

Muyle, A.; Bachtrog, D.; Marais, G. A.; Turner, J. M. **Epigenetics drive the evolution of sex chromosomes in animals and plants.** Philosophical Transactions of the Royal Society B. 376(1826)p.20200124, 2021. [B-18677](#)

Leite, J. P. V.; Xavier, A. A.; Batista, D. S.; Vital, C. E.; de Oliveira Ramos, H. J.; Otoni, W. C. . **Embryo culture, callus induction, and flavonoid profile of Strychnos pseudoquina A. St.-Hil., an important medicinal species from the Brazilian Cerrado biome.** Plant Cell, Tissue and Organ Culture (PCTOC). 145(3)p.579-589., 2021. [B-18678](#)

Mazzoni-Putman, S. M.; Brumos, J.; Zhao, C.; Alonso, J. M.; Stepanova, A. N. **Auxin Interactions with Other Hormones in Plant Development.** Cold Spring Harbor Perspectives in Biology. p.a039990., 2021. [B-18679](#)

Napier, R. The Story of Auxin-Binding Protein 1 (ABP1). **Cold Spring Harbor Perspectives in Biology.** p.a039909., 2021. [B-18680](#)

Li, M.; Tian, H.; Gao, Y. **A genome-wide analysis of NPF and NRT2 transporter gene families in bread wheat provides new insights into the distribution, function, regulation and evolution of nitrate transporters.** Plant and Soil. p.1-17, 2021. [B-18681](#)

Zhou, X.; Zhang, Q.; Chen, L.; Nie, W.; Wang, W.; Wang, H.; He, C. **Versatile nanocarrier based on functionalized mesoporous silica nanoparticles to codeliver osteogenic gene and drug for enhanced osteodifferentiation.** ACS Biomaterials Science Engineering. 5(2)p.710-723., 2019. [B-18682](#)

Qiu, K.; Chen, B.; Nie, W.; Zhou, X.; Feng, W.; Wang, W.; He, C. **Electrophoretic deposition of dexamethasone-loaded mesoporous silica nanoparticles onto poly (L-lactic acid)/poly (?-caprolactone)composite scaffold for bone tissue engineering.** ACS applied materials interfaces. 8(6)p.4137-4148., 2016. [B-18683](#)

Bindu, Yadava; Abhimanyu, Jogawat; Md Samiur, Rahman; Om Prakash, Narayand. **Secondary metabolites in the drought stress tolerance of crop plants: A review.** Gene Reports. 23 p.<https://doi.org/10.1016/j.genrep.2021.101040>, 2021. [B-18684](#)

Vanderplank, J. **A revision of passiflora section dyosmia: Passifloraceae.** Curtis's botanical magazine. 30(4)p.318-387., 2013. [B-18685](#)

Hussain, S.; Hussain, S.; Ali, B.; Ren, X.; Chen, X.; Li, Q.; Ahmad, N. **Recent progress in understanding salinity tolerance in plants: Story of Na⁺/K⁺ balance and beyond.** Plant Physiology and Biochemistry. 160 p.239-256, 2021. [B-18686](#)

Vertuccio, L.; Guadagno, L.; Spinelli, G.; }Lamberti, P.; }Tucci, V.; Russo, S. J. C. P. B. E. **Piezoresistive properties of resin reinforced with carbon nanotubes for health-monitoring of aircraft primary structures.** Composites Part B: Engineering. 107 p.192-202., 2016. [B-18687](#)

Oldroyd, B. P.; Yagound, B. **The role of epigenetics, particularly DNA methylation, in the evolution of caste in insect societies.** Philosophical Transactions of the Royal Society B. 376(1826)p.20200115., 2021. [B-18688](#)

Srivastava, A.; Joshi, A. **Fatty acid analysis of in vitro shoot cultures of Portulaca oleracea Linn.** Plant Physiology Reports. p.1-8, 2021. [B-18689](#)

Ma, Y.; Wolf, S.; Lohmann, J. U. **Casting the Net-Connecting Auxin Signaling to the Plant Genome.** Cold Spring Harbor Perspectives in Biology. p.a040006., 2021. [B-18690](#)

Carrasco, F.; Pagès, P.; Gámez-Pérez, J.; Santana, O.O.; Maspoch, M.L. **Processing of poly(lactic acid): Characterization of chemical structure, thermal stability and mechanical properties.** Polymer Degradation and Stability. 95 p.116-125, 2010. [B-18691](#)

Ciolacu, Diana; Rudaz, Cyrielle; Vasilescu, Mihai; Budtova, Tatiana. **Physically and chemically cross-linked cellulose cryogels: structure, properties and application for controlled release.** Carbohydrate Polymers. , 2016. [B-18692](#)

Yang, Z.; Yuan, Z.; Shang, Z.; Ye, S. **Multi-functional membrane based on montmorillonite/graphene oxide nanocomposites with high actuating performance and wastewater purification.** Applied Clay Science. 197 p.105781, 2020. [B-18693](#)

Pryzdial, Edward L. G.; Lin, Bryan H.; Horwitz, Marc; Sutherland, Michael R.; Horwitz, Marc; Sutherland, Michael R. **Antiviral anticoagulation.** Res Pract Thromb Haemost. p.1-15, 2020. [B-18694](#)

Oluwaseun Ruth Alara; Nour Hamid Abdurahman; John Adewole Alara. **Carica papaya: comprehensive overview of the nutritional values, phytochemicals and pharmacological activities.** Advances in Traditional Medicine. p.<https://doi.org/10.1007/s13596-020-00481-3>, 2020. [B-18695](#)

Bassyouni, M.; Abdel-Aziz, M.H.; Zoromba, M. Sh.; Abdel-Hamid, S.M.S.; Drioli, Enrico. **A review of polymeric nanocomposite membranes for water purification.** Journal of Industrial and Engineering Chemistry. p.<https://doi.org/10.1016/j.jiec.2019.01.045>, 2019. [B-18696](#)

Kordijazi, A.; Roshan, H.M.; Dhingra, A.; Povolo, M.; Rohatgi, P.K.; Nosonovsky, M. **Machine-learning Methods to Predict Wetting Properties of Iron-Based Composites.** Surface Innovations. p.[10.1680/jsuin.20.00024](https://doi.org/10.1680/jsuin.20.00024), 2020. [B-18697](#)

Ce Gao; Xue-Lian Wang; Qing-Da An; Zuo-Yi Xiao; Shang-Ru Zhai. **Synergistic preparation of modified alginate aerogel with melamine/ chitosan for efficiently selective adsorption of lead ions;** Carbohydrate Polymers. 256 p.[117664](https://doi.org/10.1016/j.carbpol.2021.117664), 2021. [B-18698](#)

Oberkersch, Roxana E.; Santoro, Massimo M. **Role of amino acid metabolism in angiogenesis.** Vascular Pharmacology. 112 p.[17-23](https://doi.org/10.1016/j.vph.2019.01.003), 2019. [B-18699](#)

Drellich, Jaroslaw; Chibowski, Emil; Desheng Meng, Dennis; Terpilowski, Konrad. **Hydrophilic and superhydrophilic surfaces and materials.** Soft Matter. 7 p.[9804](https://doi.org/10.1039/C9SM00304A), 2011. [B-18700](#)

Zhang, Shulin; Guo, Yutao; Zhang, Yanqi; Guo, Jinggong; Li, Kun; Fu, Weiwei; Jia, Zhenzhen; Li, Weiqiang; Lam-Son Phan Tran; Jia, Kun-Peng; Miao, Yuchen. **Genome-wide identification, characterization and expression profiles of the CCDgene family in Gossypium species.** 3 Biotech. 11 p.[249](https://doi.org/10.1007/s13205-021-0249-0), 2021. [B-18701](#)

Li, Yurong; Li, Wenji; Hu, Di; Lei, Ting; Shen, Ping; Li, Jiani; Gao, Suping. **Metabolomics Analysis Reveals the Role of Cyanidin Metabolism in Plumbago auriculata Flower Color.** Journal of Plant Biology. 64 p. [253-261](https://doi.org/10.1007/s12042-021-00960-w), 2021. [B-18702](#)

Li, Fengli; Yan, Shan; Huang, Zhangyan; Gao, Weixi; Zhang, Sitian; Mo, Shuyuan; Lin, Shuang; Wang, Jianping; Hu, Zhengxi; Zhang, Yonghui. **Inducing new bioactive metabolites production from coculture of Pestalotiopsis sp. and Penicillium bialowiezense.** Bioorganic Chemistry. 110 p.[104826](https://doi.org/10.1016/j.bioorgchem.2021.104826), 2021. [B-18703](#)

Datta, Saptashwa; Agrawal, Vaishvi; Thakur, Pragati; Ethiraj, Selvarajan; Rajnish, K. Narayanan. **Genome mining for the presence of putative cellulose synthesis operon in multiple *Proteus vulgaris* strains and its characterization using computational methods.** Gene Reports. 23 p.[101102](https://doi.org/10.101102), 2021. [B-18704](#)

Arce, Pedro; Aznar, Martin. **Modeling the phase behavior of commercial biodegradable polymers and copolymer in supercritical fluids.** Fluid Phase Equilibria. 238 p.[242-253](https://doi.org/10.1016/j.fluid.2005.01.010), 2005. [B-18705](#)

HOWARD,F.W.; THOMAS, D.L.; DoNSELMAN, H.M.; COLLIN, M.E. **Susceptibilidad de algunas especies de palmeras a enfermedades asociadas a organismos micoplasmoideos en Florida .** FAO Plant Protection Bulletin. 27 p.[109-117](https://doi.org/10.1016/j.fpp.1979.00010), 1979. [B-18706](#)

Cibrián Tovar, David; Alvarado Rosales, Dionicio; García Díaz, Silvia Edith. **Enfermedades forestales en México.** 3 capítulos. p.[587](https://doi.org/10.1016/j.fpp.1979.00010), 2007. [B-18707](#)

Zhang, Xu; Xu, Zhiyong; Ma, Jiankun; Zhou, Dongdong; Xu, Jing. **Phylogenetic Diversity, Antimicrobial and Antioxidant Potential and Identification of Bioactive Compounds from Culturable Endophytic Fungi Associated with Mangrove *Bruguiera sexangula* (Lour.) Poir.** Current Microbiology. 78 p.[479-489](https://doi.org/10.1007/s00114-021-02479-0), 2021. [B-18708](#)

Li, Qian; Zhu, Xiaoman; Xie, Yanli; Zhong, Yue. o-Vanillin, a promising antifungal agent, inhibits **Aspergillus** by disrupting the integrity of cell walls and cell membranes. Applied Microbiology and Biotechnology. p.<https://doi.org/10.1007/s00253-021-11371-2>, 2021. [B-18709](#)

Wan Mohd Nuzul Hakimi Wan Salleh. A systematic review of botany, phytochemicals and pharmacological properties of "Hoja santa" (*Piper auritum*Kunth). Z. Naturforsch C J. Biosci. 76(3-4) p.93-102, 2020. [B-18710](#)

The image shows the iTThenticate website homepage. At the top, there are navigation links for Products, Content, Customers, Resources, About, Login, and Buy Credits. Below this is a main banner with the heading 'Publish With Confidence' and a subtext stating 'iTThenticate is the most trusted plagiarism checker by the world's top researchers, publishers, and scholars.' It features two buttons: 'Buy Credits' and 'Talk to an Expert'. To the right of the banner is a computer monitor displaying a screenshot of the iTThenticate software interface, which includes a 'View demo' button. Below the banner, the text 'Protect Your Reputation' is centered above three icons: a cloud icon, a laptop icon, and a checkmark icon. Each icon has a corresponding descriptive text: 'Check against 93% of Top Cited Journal content and 70+ billion current and archived web pages.', '1,300 Top Journals worldwide use iTThenticate to screen and review submissions.', and 'Easy to use reports make it easy to narrow in on the most critical matches and protect your reputation.'

iThenticate, es una herramienta que busca similitudes en los documentos con la finalidad de evitar el plagio. Solo sube tu artículo, tesis, libro y el programa lo comparará con millones de documentos contenidos en bases de datos y les dará el porcentaje de similitudes. Para mayor información te invitamos a participar en el taller de capacitación:

DIRECTORIO

Dr. Pedro Iván González Chi
Director General

M.S.C. Rosaura Martín Caro
Directora de Planeación y
Gestión

M.B.I. Sergio de Jesús Pérez
Encargado de biblioteca
Elaboración y diseño

El Boletín está dirigido a la comunidad académica del CICY, a fin de contribuir en la difusión de los recursos de información que apoyen las labores de investigación y formación de recursos humanos que se realizan. Es editado en el Departamento de Biblioteca del Centro de Investigación Científica de Yucatán, A.C. (CICY), Centro Público de Investigación CONACYT, con oficinas en Calle 43 No. 130 x 132 y 134 A, Col. Chuburná de Hidalgo, C.P. 97205, Mérida, Yucatán, México. Tel.: (999) 942-8330 ext. 430. Correo: ser@cicy.mx

Accede a los recursos electrónicos, en sitios externos al CICY, con

EL DESCUBRIDOR DE INFORMACIÓN



Con el empleo del descubridor de información puedes acceder a las colecciones digitales desde la comodidad de tu hogar, o de cualquier parte del mundo.

Dentro de las instalaciones del Centro realiza tu solicitud para el registro en la página del CONRICYT.

Instrucciones:

1. Escribe tus datos personales
2. Selecciona la institución
3. Los datos que están marcados con * son de carácter obligatorio
4. Selecciona la casilla: No soy un robot
5. Acepta los términos de acceso
6. Envía
7. Tu registro se ha completado
8. Recibirás en minutos tu clave de acceso, pero en un máximo de 15 días se activará tu nombre usuario y contraseña para su uso.