

DR. HUMBERTO GONZÁLEZ RODRÍGUEZ
LISTA DE PUBLICACIONES

- Domínguez-Gómez, T.G., Ramírez-Lozano, R.G., González-Rodríguez, H., Cantú-Silva, I., Gómez-Meza, M.V., Alvarado, M. del S. 2014. Mineral content in four browse species from Northeastern Mexico. *Pakistan Journal of Botany*. 46(4):1421-1429.
- Bustamante-García, V., Prieto-Ruíz, J.A., Carrillo-Parra, A., Álvarez-Zagoya, R., González-Rodríguez, H., Corral-Rivas, J.J. 2014. Seed production and quality of *Pinus durangensis* Mart., from seed areas and a seed stand in Durango, Mexico. *Pakistan Journal of Botany*. 46(4):1197-1292.
- Maiti, R.K., Gonzalez Rodriguez, H., Satya, P., Sagar, P.V. 2014. Low cost technology developed and used for screening and selecting few field and vegetable crops for tolerance to few abiotic stresses. *International Journal of Bio-resource and Stress Management*. 5(2):304-311.
- Lopez Hernandez, J.M., Maiti, R.K., Gomez Meza, M.V., Gonzalez Rodriguez, H., Cantu Silva, I., Ramirez Lozano, R.G., Pando Moreno, M., Estrada Castillon, A.E. 2014. Litterfall production and nutrient deposition through leaf fallen in three tamaulipan thornscrub communities, north-eastern Mexico. *International Journal of Bio-resource and Stress Management*. 5(2):168-174.
- Yáñez-Díaz, M.I., Cantú-Silva, I., González-Rodríguez, H., Uvalle-Sauceda, J.I. 2014. Redistribución de la precipitación en tres especies arbustivas nativas y una plantación de eucalipto del noreste de México. *Tecnología y Calidad del Agua*. V(2):71-84.
- Correa-Méndez, F., Carrillo-Parra, A., Rutiaga-Quiñones, J.G., Márquez-Montesino, F., González-Rodríguez, H., Jurado-Ybarra, E., Garza-Ocañas, F. 2014. Contenido de humedad y sustancias inorgánicas en subproductos maderables de pino para su uso en pélets y briquetas. *Revista Chapingo Serie Ciencias Forestales y del Ambiente*. XX(1):77-88.
- Domínguez-Gómez, T.G., González-Rodríguez, H., Cantu-Silva, I., Ramirez-Lozano, R.G., Gomez-Meza, M.V., and Alvarado, M. del S. 2014. Deposition of micro-elements through leaf fallen from different types of vegetation, north-eastern Mexico. *International Journal of Bio-resource and Stress Management*. 5(1):1-6.
- Correa-Méndez, F., Carrillo-Parra, A., Rutiaga-Quiñones, C.J.G., González-Rodríguez, H., Jurado-Ybarra, E., Garza-Ocañas, F. 2013. Humedad, ceniza e inorgánicos en corteza industrial de tres pinos para bioenergía. *Revista Forestal Baracoa*. 32(2):77-83.

- Estrada-Castillón, E., Villarreal-Quintanilla, J.A., Salinas-Rodríguez, M.M., González-Rodríguez, H., Jiménez-Pérez, J., García-Aranda, M.A. 2013. Flora and phytogeography of the Cumbres de Monterrey National Park, Nuevo Leon, Mexico. *Journal of the Botanical Research Institute Texas*. 7(2):771–801.
- Jurado, E., Flores, J., Muro Pérez, G., González Rodríguez, H., Pando Moreno, M., and Doria, O. 2013. Are nurse plants always necessary for succulent plants? Observations in northeastern Mexico, including endangered and threatened species. *Bradleya*. 31:150-156.
- Cantú Silva, I., L.R. M. Sánchez Castillo, H. González Rodríguez, T. Kubota, M.V. Gómez Meza, T.G. Domínguez Gómez. 2013. Retorno potencial de nutrientes por componentes secundarios de la hojarasca en comunidades vegetales de Nuevo León. *Revista Mexicana de Ciencias Forestales*. 4(17):106-123.
- Domínguez Gómez, T.G., H. González Rodríguez, R.G. Ramírez Lozano, A.E. Estrada Castillón, I. Cantú Silva, M.V. Gómez Meza, J.A. Villarreal Quintanilla, M. S. Alvarado y G. Alanís Flores. 2013. Diversidad estructural del matorral espinoso tamaulipeco durante las épocas seca y húmeda. *Revista Mexicana de Ciencias Forestales*. 4(17):106-123.
- Ramírez-Lozano, R., T.G. Domínguez-Gómez, H. González-Rodríguez, I. Cantú-Silva, M.V. Gómez Meza, J.I. Sarquís-Ramírez y E. Jurado. 2013. Composición y diversidad de la vegetación en cuatro sitios del noreste de México. *Madera y Bosques*. 19(2):59-72.
- Molina-Guerra, V.M., Pando-Moreno, M., Alanís-Rodríguez, E., Canizales-Velázquez, P.A., González-Rodríguez, H., Jiménez-Pérez, J. 2013. Composición y diversidad vegetal de dos sistemas de pastoreo en el matorral espinoso tamaulipeco del Noreste de México. *Revista Mexicana de Ciencias Pecuarias*. 4(3):361-371.
- González-Rodríguez, H., Ramírez-Lozano, R.G., Cantú-Silva, I. Gómez-Meza, M.V., Cotera-Correa, M., Carrillo-Parra, A., Marroquín-Castillo, J.J. 2013. Producción de hojarasca y retorno de nutrientes vía foliar en un matorral desértico micrófilo en el noreste de México. *Revista Chapingo Serie Ciencias Forestales y del Ambiente*. XIX(2):249-262.
- Silva-Arredondo, F., Pando Moreno, M., Gonzalez Rodriguez, H., and Scott Morales, L. 2013. Changes in the chemical properties of a soil impacted by intensive agriculture, north-eastern Mexico. *International Journal of Bio-resource and Stress Management*. 4(2):126-131.
- Dominguez-Gomez, T.G., Gonzalez-Rodriguez, H., Ramirez-Lozano, R.G., Cantu-Silva, I., Gomez-Meza, M.V., Cantu-Ayala, C.M., Alvarado, M. del S. 2013. Nutritional profile of four shrub species, northeastern Mexico. *International Journal of Bio-resource and Stress Management*. 4(1):001-008.

- Carrillo, A., Foroughbachk, R., Bustamante, V., Wehenkel, C., and González, H. 2013. Natural durability of wood of ten native species from northeastern Mexico. *Forest Science and Practice*. 15(2):160-166.
- Alvarado, M. del S., González Rodríguez, H., Ramírez Lozano, R.G., Cantú Silva, I., Gómez Meza, M.V., Cotera Correa, M., Jurado Ybarra, E., and Domínguez-Gómez, T.G. 2013. Trace elements in native shrubs consumed by white-tailed deer (*Odocoileus virginianus*) in northeastern Mexico. *Journal of Applied Animal Research*. 4(3): 277-284.
- López-Hernández, J.M., González-Rodríguez, H., Ramírez-Lozano, R.G., Cantú-Silva, I., Gómez-Meza, M.V., Pando-Moreno, M., y Estrada-Castillón, A.E. 2013. Producción de hojarasca y retorno potencial de nutrientes en tres sitios del estado de Nuevo León, México. *POLIBOTÁNICA* 35:41–64.
- Bustamante-García, V., Carrillo-Parra, A., González-Rodríguez, H., Ramírez-Lozano, R.G., Corral-Rivas, J.J., Garza-Ocañas, F. 2013. Evaluation of a charcoal production process from forest residues of *Quercus sideroxylla* Humb., & Bonpl. in a Brazilian beehive kiln. *Industrial Crops and Products*. 42:169–174.
- Mondal, B., Sarkar, N.C., Mondal, C.K., Maiti, R.K., and Gonzalez Rodriguez, H. 2012. Mangrove plants and traditional ayurvedic practitioners in Sundarbans region of West Bengal, India. *Research on Crops*. 13(2):669-674.
- Alvarado, M. del S., Gonzalez-Rodriguez, H., Ramirez-Lozano, R.G., Cantu-Silva, I., Gomez-Meza, M.V., Cotera-Correa, M., Jurado-Ybarra, E., and Dominguez-Gomez, T.G. 2012. Chemical Composition and Digestion of Shurbs Browsed by White-Tailed Deer (*Odocoileus virginianus* Texanus). *Journal of Animal and Veterinary Advances*. 11(23):4428-4434.
- Alvarado, M. del S., Ramirez-Lozano, R.G., Gonzalez-Rodriguez, H., Cantu-Silva, I., Gomez-Meza, M.V., Cotera-Correa, M., Jurado-Ybarra, E., and Dominguez-Gomez, T.G. 2012. Macro mineral content in five shrubs browsed by white-tailed deer (*Odocoileus virginianus*), northeastern Mexico. *Journal of Animal and Veterinary Advances*. 11(22):4182-4189.
- Maiti R.K., González Rodríguez H., Rajkumar D., Koushik S., Vidyasagar P. 2012. Genotypic variability in salinity tolerance of maize pipe line hybrids at seedling stage. *International Journal of Bio-resource and Stress Management*. 3(4):427-432.
- Carrillo-Parra, A., Rosales, M., Wehenkel, C., Foroughbakhch, R., González, H., Garza, F. 2012. Phenols and flavonoids concentration and fungistatic activity of wood and bark of five common tropical species. *Tropical and Subtropical Agroecosystems*. 15(3):621-628.
- Himmelsbach, W., Treviño Garza, E.J., González Rodríguez, H., González Tagle, M.A. 2012. Aclimatación de tres especies arbóreas al estrés hídrico y su papel como indicadores de sitio en bosques de la Sierra Madre Oriental. *CIENCIA UANL*. 15(60):31-38.

- Domínguez Gómez, T.G., Ramírez Lozano, R.G., Estrada Castellón, A.E., Scott Morales, L.M., González Rodríguez, H., y Alvarado, M. del S. 2012. Importancia nutrimental en plantas forrajeras del matorral espinoso tamaulipeco. *CIENCIA UANL*. 15(59):77-93.
- Guerrero, M., Cerrillo-Soto, M.A., Ramírez, R.G., Salem, A.Z.M., González, H., Juárez-Reyes, A.S. 2012. Influence of polyethylene glycol on in vitro gas production profiles and microbial protein synthesis of some shrub species. *Animal Feed Science and Technology*. 176(1):32-39.
- Guerrero-Cervantes, M., Ramírez, R.G., González-Rodríguez, H., Cerrillo-Soto, A., and Juárez-Reyes, A. 2012. Mineral content in range forages from north Mexico. *Journal of Applied Animal Research*. 40(2):102-107.
- Gonzalez Rodriguez, H., Mondal, B., Sarkar, N.C., Ramaswamy, A., Rajkumar, D., and Maiti, R.K. 2012. Comparative morphology and anatomy of few mangrove species in Sundarbans, West Bengal, India and its adaptation to saline habitat. *International Journal of Bio-resource and Stress Management*. 3(1):1-17.
- Molina-Guerra, V.M., Pando-Moreno, M., Sánchez-Salas, J., González-Rodríguez, H., Alanís-Rodríguez, E., y Cantú-Silva, I. 2012. La resiliencia del recurso suelo. *RIACRE Boletín*. 6(1):16-18.
- Muro Pérez, G., González Rodríguez, H., Jurado, E., Sanchez Salas, J. 2011. Biodiversity of cacti, Northeastern Mexico: an Insight. *International Journal of Bio-resource and Stress Management*. 2(4):448-452.
- Domínguez-Gómez, T.G., González-Rodríguez, H., Guerrero-Cervantes, M., Cerrillo-Soto, M.A., Juárez-Reyez, A.S., Alvarado, M. del S., Ramírez-Lozano, R.G. 2011. Influencia del polietilén glicol sobre los parámetros de producción de gas in vitro en cuatro forrajeras nativas consumidas por el venado cola blanca. *Revista Chapingo Serie Ciencias Forestales y del Ambiente Edición Especial*. XVII:21-32.
- González Rodríguez, H., Cantú Silva, I., Ramírez Lozano, R.G., Gómez Meza, M.V., Pando Moreno, M., López Hernández, J.M. 2011. Potencial hídrico xilemático en cuatro especies arbustivas nativas del noreste de México. *Revista Chapingo Serie Ciencias Forestales y del Ambiente Edición Especial*. XVII:97-109.
- González-Rodríguez, H., Domínguez-Gómez, T.G., Cantú-Silva, I., Gómez-Meza, M.V., Ramírez-Lozano, R.G., Pando-Moreno, M., and Fernández, C.J. 2011. Litterfall deposition and leaf litter nutrient return in different locations at Northeastern Mexico. *Plant Ecology*. 212(10):1747-1757.

- Jurado, E., García, J.F., Flores, J., Estrada, E., González, H. 2011. Abundance of seedlings in response to elevation and nurse species in northeastern Mexico. *The Southwestern Naturalist*. 56(2):154-161.
- Maiti, R.K. and González Rodríguez, H. 2011. The Native Yucca: a boon to the farmers of the arid north-east Mexico. *International Journal of Bio-resource and Stress Management*. 2(2):203-208.
- González Rodríguez, H., Cantú Silva, I., Gómez Meza, M.V., Ramírez Lozano, R.G., Maiti, R.K., and Sarkar, N.C. 2011. Seasonal trends of foliar nutrients in seven plant species in a subalpine meadow, Northern Mexico. *International Journal of Bio-resource and Stress Management*. 2(2):236-242.
- González-Rodríguez, H., Cantú-Silva, I., Ramírez-Lozano, R.G., Gómez-Meza, M.V., Sarquís-Ramírez, J.I., Coria-Gil, N., Cervantes-Montoya, J.R., and Maiti, R.K. 2011. Xylem water potentials of native shrubs from northeastern Mexico. *Acta Agriculturae Scandinavica Section B - Soil and Plant Science*. 61(3):214-219.
- Maiti, R.K., Vidyasagar, P., Rajkumar, D. Ramaswamy, A., Gonzalez Rodriguez, H. 2011. Seed priming improves seedling vigor and yield of few vegetable crops. *International Journal of Bio-resource and Stress Management*. 2(1):124-129.
- Maiti, R.K. and Gonzalez-Rodriguez, H. 2011. Lechuguilla (*Agave lecheguilla*); an Important commercial fiber plant and a source of income to the arid land farmers of Mexico. *International Journal of Bio-resource and Stress Management*. 2(1):104-110.
- Maiti, R.K. and González-Rodríguez, H. 2010. Plant architecture determines the productivity potential of a crop: a biochemical genetics tool. *International Journal of Bio-resource and Stress Management*. 1(3):I-III, ISSN: 0976-3988
- González-Rodríguez, H., Cantú-Silva¹, I., Ramírez-Lozano, R.G., Gómez-Meza, M.V., Uvalle-Sauceda, J.I., and Maiti, R.K. 2010. Characterization of xylem water potential in ten native plants of north-eastern Mexico. *International Journal of Bio-resource and Stress Management*. 1(3):219-224, ISSN: 0976-3988
- Maiti, R.K., Vidyasagar, P., Umashankar, P., Gupta, A., Rajkumar, D. and González Rodríguez, H. 2010. Comparative levels of salinity tolerance of different vegetable crops. *International Journal of Bio-resource and Stress Management*. 1(2):105-109, ISSN: 0976-3988
- Coria, N.A., Sarquís, J.I., Orea, R., González-Rodríguez, H. 2010. Rooting medium and fertilization on the growth of chayote (*Sechium edule* J. S.) planting material in nursery. *International Journal of Bio-resource and Stress Management*. 1(2):128-132, ISSN: 0976-3988

- Himmelsbach, W., Garza, E.J.T., Rodríguez, H.G., Tagle, M.A.G., Estrada Castellón, A.E., Aguirre Calderón, O.A. 2010. Wasserpotenziale im Tages- und Jahresverlauf als Indikatoren von Umweltfaktoren, gemessen an vier vergesellschafteten Baumarten in der Sierra Madre Oriental, Mexiko (Site-conditions reflected by seasonal and diurnal leaf water potentials of four co-occurring tree species in the Sierra Madre Oriental, Mexico). *Forstarchiv*. 81(3):110-117. DOI: 10.2376/0300-4112-81-110, ISSN: 0300-4112 .
- Maiti, R.K., González Rodríguez, H. 2010. Pearl millet: potential alternative for grain and forage for livestock in semi-arid regions of Mexico. *International Journal of Bio-resource and Stress Management*. 1(1):45-47. ISSN: 0976-3988
- López-Hernández, J.M., González-Rodríguez, H., Cantú-Silva, I., Ramírez-Lozano, R.G., Gómez-Meza, M.V., Pando-Moreno, M., Sarquís-Ramírez, J.I., Coria-Gil, N., Maiti, R.K., Sarkar, N.C. 2010. Adaptation of Native Shrubs to Drought Stress in North-eastern Mexico. *International Journal of Bio-resource and Stress Management*. 1(1):30-37, ISSN: 0976-3988
- González-Rodríguez, H., Maiti, R.K. 2010. Perspectives of salinity tolerance of some crops: A review. *International Journal of Agriculture, Environment and Biotechnology*. 3(1):43-82, ISSN: 0974-1712
- Himmelsbach, W., González-Rodríguez, H., Treviño-Garza, E.J., Estrada Castellón, A.E., Aguirre Calderón, O.A., González Tagle, M.A. 2010. Leaf pigment contents in five tree and shrub species in a Mexican pine-oak forest during periods of different water availability. *International Journal of Agriculture, Environment and Biotechnology*. 3(1):5-14, ISSN: 0974-1712
- Maiti, R.K., Kousik, S.K., González Rodríguez, H., Rajkumar, D., Vidyasagar, P. 2010. Salt tolerance of twelve maize hybrids at the seedling stage. *Acta Agronomica Hungarica*. 58(1):21-29. ISSN: 0238-0161 (Print) 1588-2527 (Online).
- González-Rodríguez, H., Ramírez-Lozano, R.G., Cantú-Silva, I., Gómez-Meza, M.V., y Uvalle-Sauceda, J.I. 2010. Composición y estructura de la vegetación en tres sitios del estado de Nuevo León, México. *Polibotánica*. 29:91-106. ISSN: 1405-2768
- Ramírez-Lozano, R.G., González-Rodríguez, H., Gómez-Meza, M.V., Cantú-Silva, I., Uvalle-Sauceda, J.I. 2010. Spatio-temporal variations of macro and trace mineral contents in six native plants consumed by ruminants at northeastern Mexico. *Tropical and Subtropical Agroecosystems*. 12(2):267-281. ISSN: 1870-0462
- Sarquís, J.I., Coria, N., González-Rodríguez, H. 2010. Physiology of photosynthesis in chimalacate (*Viguiera dentata*) in the Zapotitlan de Las Salinas Valley of the Tehuacan biosphere reserve in Puebla, Mexico. *Tropical and Subtropical Agroecosystems*. 12(2):361-371. ISSN: 1870-0462

- Cantú-Silva, I., González-Rodríguez, H., and Gómez-Meza, M.V. 2010. CO₂ efflux in vertisol under different land use systems. *Tropical and Subtropical Agroecosystems*. 12(2):389-403. ISSN: 1870-0462
- Alvarado, M. del S., Ramírez-Lozano, R.G., González-Rodríguez, H., Vázquez-Ulloa, G., and Domínguez-Gómez, T.G. 2009. Diet comparison between three exotic cervids and white-tailed deer. *International Journal of Agriculture, Environment and Biotechnology*. 2(4):466-470, ISSN: 0974-1712
- Mendoza Aguilar, D.O., Pando-Moreno, M., González-Rodríguez, H., Jurado, E. 2009. Effect of ground water on irrigated lands of Northeastern Mexico. *International Journal of Agriculture, Environment and Biotechnology*. 2(3):255-259, ISSN: 0974-1712
- Maiti, R.K., González Rodríguez, H., Yadav, Y.K., Kasim, W.A., Vidyasagar P. 2009. Salt tolerance of nine rice hybrids and their parents at the seedling stage. *International Journal of Agriculture, Environment and Biotechnology*. 2(3):199-205, ISSN: 0974-1712
- Maiti, R.K., Gosh, S.K., González Rodríguez, H., Rajkumar, D., Vidyasagar P. 2009. Salt tolerance of pearl millet hybrids and parents of Vibha Seeds at germination and seedling stages. *International Journal of Agriculture, Environment and Biotechnology*. 2(3):206-210, ISSN: 0974-1712
- González Rodríguez, H., Cantú Silva, I., Gómez Meza, M.V., Ramírez Lozano, R.G., Pando Moreno, M., Molina Camarillo, I.A., Maiti, R.K. 2009. Water relations in native trees, northeastern Mexico. *International Journal of Agriculture, Environment and Biotechnology*. 2(2):133-141, ISSN: 0974-1712
- Maiti, R.K., Pawar, R., González Rodríguez, H., Rajkumar, D., Vidyasagar P., Gómez Meza, M.V. 2009. Salt tolerance of pipeline Bt-cotton (*Gossypium hirsutum*) hybrids subjected to NaCl stress. *International Journal of Agriculture, Environment and Biotechnology*. 2(2):125-132, ISSN: 0974-1712
- Maiti, R.K., Sahapur, S.C., Gupta, A., González Rodríguez, H., Vidyasagar P. 2009. Evaluation and selection of sunflower hybrids and parents for tolerance to different levels of salinity at the seedling stage using a novel technique. *International Journal of Agriculture, Environment and Biotechnology*. 2(1):57-63, ISSN: 0974-1712
- González Rodríguez, H., Maiti, R.K., Hernández-Piñero, J. 2009. Research advances in biotechnology of wheat. *International Journal of Agriculture, Environment and Biotechnology*. 2(1):87-101. ISSN: 0974-1712
- Návar, J., Méndez González, J., González, H. 2009. Gross precipitation and throughfall chemistry in legume species planted in Northeastern México. *Plant and Soil*. 318(1-2):15-26. ISSN: 0032-079X (Print) 1573-5036 (Online)

- R.G. Ramírez, H. González-Rodríguez, R. Morales-Rodríguez, A. Cerrillo-Soto, A. Juárez-Reyes, G.J. García-Dessommes, M. Guerrero-Cervantes. 2009. Chemical composition and dry matter digestion of some native and cultivated grasses in Mexico. *Czech Journal of Animal Science*. 54(4):150-162. ISSN: 1212-1819
- Maiti, R.K., González Rodríguez, H., Sahib, H. 2008. Development of a novel technique for evaluation and selection of crop cultivars for salt tolerance: a new strategy for improvement of salt tolerance in crop plants. *International Journal of Agriculture, Environment and Biotechnology*. 1(4):1-12. ISSN: 0974-1712
- Návar Cháidez, J.J., Méndez González, J. y González Rodríguez, H. 2008. Intercepción de la lluvia en especies de leguminosas del Nordeste de México. *Terra Latinoamericana*. 26(1): 61-68, ISSN: 1870-9982
- González-Rodríguez, H., Cantú-Silva, I., Ramírez-Lozano, R.G., Gómez-Meza, M.V., Domínguez-Gómez, T.G., Bravo Garza, J., R.K. Maiti. 2008. Spatial and seasonal litterfall deposition pattern in the Tamaulipan thorscrub, northeastern Mexico. *International Journal of Agriculture, Environment and Biotechnology*. 1(4):177-181. ISSN: 0974-1712
- Maiti, R.K., González Rodríguez, H., Borra, J., Hernández-Piñero, J. 2008. Research advances in tomato biotechnology - A Review. *International Journal of Agriculture, Environment and Biotechnology*. 1(3):129-149. ISSN: 0974-1712
- Maiti, R.K., González Rodríguez, H. 2008. Various native plants as green carpet and sources of income in semiarid regions of northeastern Mexico. *Green Farming*. 1(8):48-51. ISSN: 0974-0775.
- Rivera, M.V.H., Maass, M., Benítez, J.A., Coronado, C., Euan, J.I., Godínez, E., González, H., Herrera, J., Martínez, L.M., Mercado, N., Pérez, M., Reyes, V.M., Rodríguez, E., Valdés, D.S. 2008. Eco-Hidrología y Demandas de Agua en México. *Ciencia y Desarrollo*. 34(215):25-29. ISSN: 0185-0008
- Ramírez-Orduña, R, Ramírez, R.G., Romero-Vadillo, E., González-Rodríguez, H., Armenta-Quintana, J.A. and Avalos-Castro. R. 2008. Diet and nutrition of range goats on a sarcocaulous shrubland from Baja California Sur, Mexico. **Small Ruminant Research**. 76(3):166-176.
- Uvalle Saucedo, J.I., González-Rodríguez, H., Ramírez Lozano, R.G., Cantú Silva, I., and Gómez Meza, M.V. 2008. Seasonal trends of chlorophylls a and b and carotenoids in native trees and shrubs of Northeastern Mexico. *Journal of Biological Sciences*. 8(2):258-267.
- Tovar-Puente, A., Pando-Moreno, M., González-Rodríguez, H., Scott-Morales, L., and Santiago de Jesús Méndez-Gallegos. 2007. Density of Calcium Oxalate Crystals in 15 Prickly Pear Cultivated Species. *Journal of the Professional Association for Cactus Development*.

9:91-98. ISSN: 1938-6648.

- Méndez González, J, Návar Cháidez, J, González Rodríguez, H., y Treviño Garza, E.J. 2007. Teleconexiones del fenómeno ENSO a la precipitación mensual en México. *CiENCIA UANL X(3):290-298*. ISSN: (Versión impresa): 1405-9177.
- Tovar Puente, A, Pando Moreno, M, González Rodríguez, H, Vázquez Alvarado, RE, y Madrigal Anzaldúa, MA. 2006. Caracterización química y física de quince cultivares de nopal de los géneros *Opuntia* y *Nopalea*. *Bol. Nakari*, 17:29-35. ISSN: 1405-1613
- Ramírez, RG, González-Rodríguez, H, Ramírez-Orduña, R, Cerrillo-Soto, MA, and Juárez-Reyes, AS. 2006. Seasonal trends of macro and micro minerals in 10 browse species that grow in northeastern Mexico. *Animal Feed Science and Technology*, 128:155-164.:
- Morales-Rodríguez, R, Ramírez, RG, García-Dessommes, GJ, and González-Rodríguez, H. 2006. Nutrient content and in situ disappearance in genotypes of buffelgrass (*Cenchrus ciliaris* L.). *Journal of Applied Animal Research*, 29:17-22.
- Cantú Silva, I y González Rodríguez, H. 2005. Pérdidas por intercepción de la lluvia en tres especies de matorral submontano. *CiENCIA UANL VIII(1):80-85*.
- Ramírez-Orduña, R, Ramírez, RG, González-Rodríguez, H, and Haenlein, GFW. 2005. Mineral content of browse species from Baja California Sur, Mexico. *Small Ruminant Research*, 57:1-10.
- Ramírez, R.G., H. González-Rodríguez, G. García-Dessommes, R. Morales-Rodríguez. 2005. Seasonal trends in the chemical composition and digestion of *Dichanthium annulatum* (forssk.) stapf. *Journal of Applied Animal Research*, 28:35-40.
- Coria Gil, NA, Pérez Pacheco A, Sarquís Ramírez JI, Cantú Silva, I, González Rodríguez, H. y Gómez Meza, MV. 2004. Regeneración de la planta de papa (*Solanum tuberosum* L.) in vitro a partir del estolón. *CiENCIA UANL VII(3):361-370*.
- González Rodríguez, H, Cantú Silva, I, Gómez Meza, MV, and Ramírez Lozano, RG. 2004. Plant water relations of thornscrub shrub species, northeastern Mexico. *Journal of Arid Environments*, 58(4):483-503.
- Ramírez, RG, González-Rodríguez, H, García-Dessommes, G. 2003. Nutrient digestion of common bermudagrass (*Cynodon dactylon* L.) Pers growing in northeastern Mexico. *Journal of Applied Animal Research*, 23:93-102.
- Ramírez, RG, García, G y González, H. 2003. Valor nutritivo y digestión ruminal del zacate buffel común (*Cenchrus ciliaris* L.). *Pastos y Forrajes*, 26:146-158.

- Ramírez, LRG, González-Rodríguez, H, and García-Dessommes, G. 2002. Chemical composition and rumen digestion of forage from kleingrass (*Panicum coloratum* L.). *Interciencia*, 27:705-709.
- Ramírez, RG, Foroughbackhch, F, González-Rodríguez, H, García-Castillo, CG, Alba-Ávila, J, and Hauad, LA. 2002. Variación estacional del contenido mineral en el zacate buffel común (*Cenchrus ciliaris* L.). *Livestock Research for Rural Development*, 14:57-65.
- Moya Rodríguez, JG, Ramírez Lozano, RG, Foroughbackhch, RP, Hauad Marroquín, L, y González Rodríguez, H. 2002. Variación estacional de minerales en las hojas de ocho especies arbustivas. *CiENCIA UANL*, V(1):59-65.
- Silva, CI y González, RH. 2002. Propiedades hidrológicas del dosel de bosques de pino-encino en el noreste de México. *CiENCIA UANL*, V(1):72-77.
- González, RH y Silva, CI. 2001. Adaptación a la sequía de plantas arbustivas del matorral espinoso Tamaulipeco. *CiENCIA UANL*, IV(4):454-461.
- Cantu Silva, I and González, Rodríguez, H. 2001. Interception loss, throughfall and stemflow chemistry in pine and oak forests in northeastern Mexico. *Tree Physiology*, 21:1009-1013.
- González Rodríguez H, Cantú Silva, I, Gómez Meza, MV, and Jordan, WR. 2000. Seasonal Plant Water Relationships in *Acacia berlandieri*. *Arid Soil Research and Rehabilitation*, 14(4):343-357.
- Ramírez, RG, González-Rodríguez H, Gómez Meza, MV, and Pérez-Rodríguez, MA. 1999. Feed Value of Foliage from *Acacia rigidula*, *Acacia berlandieri*, and *Acacia farnesiana*. *Journal of Applied Animal Research*, 16:23-32.
- Ramírez-Orduña, R, Ramírez, RG, Almaraz-Sánchez, R, González-Rodríguez, H, Ramírez-Orduña, JM, Cepeda-Palacios, R, and Avila-Sandoval, JM. 1998. Seasonal variation in leaf mineral content of shrubs from Baja California Sur, Mexico. *Forest, Farm, and Community Tree Research Reports*, 3:8-12.
- Rodríguez, HG, Roberts, JKM, Jordan, WR, and Drew, MC. 1997. Growth, water relations, and accumulation of organic and inorganic solutes in roots of maize seedlings during salt stress. *Plant Physiology*, 113:881-893.
- Maiti, RK, Gómez, LG, and González, RH. 1990. Growth and yield development of some pearl millet cultivars during the spring season in Nuevo Leon, Mexico. *Turrialba*, 40:106-111.
- Maiti, RK, González, RH, and Landa, H. 1989. Evaluation of ninety international pearl millet germplasm collections for morpho-physiological characters in Nuevo León, Mexico. *Turrialba*, 39:34-39.

Maiti, RK, González, RH, Alanís Loera, CO, y Rivera, MA. 1986. Establecimiento del cultivo del sorgo *Sorghum bicolor* (L.) Moench. Turrialba, 36:205-214.