

**PRODUCCION ACADEMICA 1997**  
**CENTRO DE GEOCIENCIAS**

1. **Bohnel, H.**; Morales, J., Caballero, C., Alva, L., McIntosh, G., Gonzalez, S. and Sherwood, G.J. 1997. Variation of rock magnetic parameters and paleointensities over a single Holocene lava flow: **Journal of Geomagnetism and Geoelectricity**, v. 49, núm. 4, p. 523-542.
2. **Carrasco-Núñez, G.** 1997. Lava flow growth inferred from morphometric parameters a case study of Citlaltépetl volcano, Mexico: **Geological Magazine**, v. 134, núm. 2, p. 151-162.
3. Flores-Delgadillo, L., Blas, G., **Hernández-Silva, G.** and Alcalá-Martínez, R. 1997. Distribution and sequential extraction of some heavy metals from soils irrigated with wastewater from Mexico City: **Water, Air and Soil Pollution**, v. 98, p. 105-117.
4. Freydier, C., Lapierre, H., Briqueau, L., Tardy, M., Coulon, C. and **Martínez-Reyes, J.** 1997. Volcanoclastic sequences with continental affinities within the Late Jurassic-Early Cretaceous Guerrero intra-oceanic arc terrane (western Mexico): **Journal of Geology**, v. 105, p. 483-502.
5. González, S., Sherwood, G., **Bohnel, H.**, and Schrepp, E., 1997 Paleosecular variation in central Mexico over the last 30 000yr: **Geophysical Journal International**, v. 130, núm. 1, p. 201-219.
6. **González Partida, E.**, García Gutiérrez, A. and Torres Rodríguez, V. 1997. Thermal and petrologic study of the CH-A well from the Chilapa-Ahuachapan geothermal area, El Salvador: **Geothermics**, v. 56, núms. 5/6, p. 701-703.
7. **González Partida, E.**, Torres Rodríguez, V. and Birkle, P. 1997. Plio-Plesistocene volcanic history of the Ahuachapan geothermal system, El Salvador: The Concepcion de Ataco caldera: **Geothermics**, v. 26, núms. 5/6, p. 555-575.
8. Kotsarenko, N. Y., **Pérez-Enríquez, R.**, and Koshevaya, S.V., 1997, Excitation of plasma waves in the ionosphere caused by atmospheric acoustic waves: **Astrophysics and Space Physics**, v. 246, p. 211-217.
9. Luhr, J.F., and **Aranda-Gómez, J.J.**, 1997, Mexican peridotite xenoliths and tectonic terranes: correlations among vent location, texture, temperature, pressure and oxygen fugacity: **Journal of Petrology**, v. 38, núm. 8, p. 1075-1112.

10. **Nieto-Samaniego, A.F.**, and **Alaniz Álvarez, S.A.**, 1997, Origin and tectonic interpretation of multiple fault patterns: ***Tectonophysics***, v. 270, núms. 3-4, p. 197-206.
11. **Ortega Guerrero, A.**; Cherry, J.A., and Aravena, R., 1997, Origin of pore water and salinity in the lacustrine aquitard overlying the regional aquifer of Mexico City: ***Journal of Hydrology***, v. 197, núms. 1-4, p. 47-69.
12. **Ortega Rivera, A.**; Farrar, E.; Hanes, J.A.; Archibal, D.A.; Gastil, R.G.; Kimbrough, D.L.; Zentilli, M.; Lopez Martinez; M.; Ferraud, G.; and Ruffet, G., 1997, Chronological constraints on the thermal and tilting history of the Sierra San Pedro Martir pluton, Baja California, Mexico, from U/Pb, Ar40/Ar39, and fission-track geochronology: ***Geological Society of America Bulletin***, v. 109, núm. 6, p. 728-745
13. Rosas-Elguera, J.; **Ferrari, L.**; López-Martínez, M.; and Urrutia-Fucugauchi, J., 1997, Stratigraphy and tectonics of the Guadalajara region and the triple junction area, western Mexico: ***International Geology Review***, v. 39, p. 125-140.
14. **Steinich, B. G.**, and Marín, L. E., 1997. Determination of flow characteristics in the aquifer of the northwestern peninsula of Yucatan, Mexico: ***Journal of Hydrology***, v. 191, núms. 1-4, p. 315-331.
15. Torres Rodríguez, V., Birkle, P., **González Partida, E.**, Nieva, D., V. Mahendra, P., Portugal Marín, E. and Castellanos, F. 1997. Isotopic zoning and origin of the aquifers in the discharge area of the geothermal fields of Ahuachapan and Chipilapa, El Salvador: ***Geothermics***, v. 26, núms. 5/6, p. 613-626.
16. Urrutia-Fucugauchi, J., Torres, V., and **González-Partida, E.**, 1997, Magnetostratigraphy of the Ahuachapan-Chipilapa geothermal field, El Salvador: ***Geothermics***, v.26, núms. 5/6, p. 577-588.