

**PRODUCCION ACADEMICA 2000**  
**CENTRO DE GEOCIENCIAS**

1. Alva Valdivia, A., Gogichaishvili, A., **Ferrari, L.**, Rosas-Elguera, J. and Urrutia-Fucugauchi, J. 2000. Paleomagnetic data from the Trans Mexican Volcanic Belt: Implications for Tectonics and Volcanic Stratigraphy: ***Earth, Planets and Space***. v. 52, p. 467-478.
2. **Carrillo-Chávez, A.**, Drever, J.J. and Martínez, M. 2000. Arsenic content and groundwater geochemistry of the San Antonio-El Triunfo, Carrizal and Los Planes aquifers in southernmost Baja California, Mexico: ***Environmental Geology***. v. 39, núm. 1, p. 1295-1303.
3. Cerca-Martínez, L. M, **Aguirre Díaz, G.** and López-Martínez, M. 2000. The Geologic Evolution of the Southern Sierra de Guanajuato, Mexico: A Documented Example of the Transition from the Sierra Madre Occidental to the Mexican Volcanic Belt: ***International Geology Review***. v. 42, núm. 2, p. 131-151.
4. Escolero, O., Marín, L.E., **Steinich, B.** and Pacheco, J. 2000. Delimitation of a Hydrogeological Reserve for a City Within a Karstic Aquifer: the Merida, Yucatan Example: ***Landscape and Urban Planning***, v. 51, núm. 1, p. 53-62.
5. **Ferrari, L.**, Conticelli, S., Vaggelli, C., Petrone, C. and Manetti, P. 2000. Late Miocene mafic volcanism and intra-arc tectonics during the early development of the Trans-Mexican Volcanic Belt: ***Tectonophysics***, v. 318, núms. 1-4, p. 161-185.
6. Freyrier, C., Lapierre, H., Ruiz, J., Tardy, M., **Martinez R.J.** and Coulon, C. 2000. The early Cretaceous Arperos basin: an oceanic domain dividing the Guerrero arc from nuclear Mexico evidence by the geochemistry of the lavas and sediments: ***Journal of South American Earth Sciences***, v. 13, núms. 4-5, p. 325-336.
7. Goguitchaichvili A., Alva-Valdivia L. M., Urrutia-Fucugauchi J., Morales J., y **Ferrari L.** 2000. Absolute Paleointensity Results from the Trans-Mexican Volcanic Belt: Implications for the Late Miocene Geomagnetic Field Strength. ***Geophysical Journal International***, v. 143, p. 1-14.
8. **Gómez, J.M.**, Madariaga, R., Walpersdorf, A. and Chalard, E. 2000. The 1996 earthquakes in Sulawesi, Indonesia: ***Bulletin of the Seismological Society of America***, v. 90, núm. 3, p. 739- 751.
9. Gomez-Tuena, A. and **Carrasco-Nuñez, G.** 2000. Cerro Grande Volcano: the evolution of a Miocene stratocone in the early Trans-Mexican Volcanic Belt. ***Tectonophysics***, v. 318,

núms. 1-4, p. 249-280.

10. **González-Partida, E., Carrillo-Chávez, A.** and Martínez-Ibarra, R. 2000. Fluid inclusions from anhydrite related to the Chicxulub crater impact breccias, Yucatán, Mexico: preliminary report. *International Geology Review*, v. 42, núm. 3, p. 279-288.
11. **González-Partida, E.,** P. Birkle, I.S. Torres-Alvarado. 2000. Evolution of the hydrothermal system at Los Azufres, Mexico, based on petrologic, fluid inclusion and isotopic data. *Journal of Volcanology and Geothermal Research*, v. 104, p. 277-296.
12. **Guzmán Speziale, M.,** and J. Ni, J.F., 2000, Comment on "Subsuction in the Indo-Burma-region: Is it still active ?" by S. P. Satyabala: *Geophysical Research Letters*, v. 27, núm. 7, p. 1065-1066.
13. **Guzmán-Speziale, M.** and Meneses-Rocha, J. 2000. The North America-Caribbean plate boundary west of the Motagua-Polochic fault system: A fault jog in southeastern Mexico: *Journal of South America Earth Science*, v. 13, núms. 4-5, p. 459-468.
14. Henry, C. and **Aranda-Gomez, J.** 2000. Plate interactions control middle-late Miocene, proto-Gulf and Basin and Range extension in the southern Basin and Range: *Tectonophysics*, v. 318, núms. 1-4, p. 1-26.
15. Jording, A., **Ferrari, L., Arzate, J.** and Jödicke, H. 2000. Crustal variations and terranes boundaries in southern Mexico as imaged by magnetotelluric transfer functions: *Tectonophysics*, v. 327, núms. 1-2, 1-14.
16. **Molina-Garza, R. S.,** Geissman, J.W. and Lucas, S.G. 2000. Palaeomagnetism and magnetostratigraphy of uppermost Permian strata, southeast New Mexico, USA: correlation of the Permian: *Geophysical Journal International*, v. 141, p. 778-786.
17. Schaaf, P., **Böhnell, H.** and Pérez-Venzor, J.A. 2000. Pre-Miocene paleogeography of the Los Cabos block, Baja California sur: geochronological and paleomagnetic constraints: *Tectonophysics*, v. 318, núms. 1-4, p. 53-69.
18. Torres-Alvarado, I.S., V., Surendra P. and **Carrasco-Núñez, G.** 2000. Compilation of radiogenic isotope data in Mexico and their petrogenetic implications. *Proceedings of the Indian Academy of Sciences*, v. 109, núm. 1, p. 67-78.