

PRODUCCION ACADEMICA 2001
CENTRO DE GEOCIENCIAS

Revistas incluidas en el Science Citation Index

1. **Aguirre-Díaz, G.J.** and López-Martínez, M., 2001. The Amazcala caldera, Querétaro, central Mexican Volcanic Belt, México. *Geology and geochronology. **Journal of Volcanology and Geothermal Research***, v. 111, p. 203-218.
2. **Aguirre-Díaz, G.J.**, 2001, Recurrent magma mingling in successive ignimbrites from Amealco caldera, central Mexico. ***Bulletin of Volcanology***, v. 63, p. 238-251.
3. Alonso, J., Bottrell, S.H. and **Tritlla, J.** 2001. Sulfur redox reactions and formation of native sulfur veins during low grade metamorphism of gypsum evaporites, Cameros Basin (NE Spain). ***Chemical Geology***, Vol. 174, 389-402.
4. **Ferrari, L.**, Petrone, C. M., Francalanci, L., 2001. Generation of OIB-type volcanism in the western Trans-Mexican Volcanic Belt by slab rollback, asthenosphere infiltration and variable flux-melting. ***Geology***, v. 29, p. 507-510.
5. **González-Partida, E.**, Tello-Hinojosa, E. y V. Mahendra Pal. 2001, Análisis geoquímico e isotópico de aguas geotérmicas y manantiales para definir el estado de equilibrio agua-roca del reservorio de Los Azufres, Michoacán, México: ***Ingeniería Hidráulica en México***, 2a ép., v. 16, núm. 1, p. 89-99.
6. **González-Partida, E.**, Tello-Hinojosa, E. y Verma, Mahendra Pal. 2001, Características geoquímicas de las aguas del reservorio del sistema hidrotermal actual de Las Tres Vírgenes, Baja California Sur, México: ***Ingeniería Hidráulica en México***, 2a ép., v. 16, núm. 1, p. 47-56.
7. **Guzmán Speziale, M.** 2001. Active seismic deformation in the grabens of northern Central America and its relationship to the relative motion of the North America-Caribbean plate boundary, ***Tectonophysics***, 337, 39-51,
8. Hernández, B., Shapiro, N.M., Singh, K., Pacheco, J.F., Cotton, F. Campillo, M. Iglesias, A., Cruz, V., **Gómez, J.M.** and Alcántara, L. 2001. Rupture history of september 30, 1999, intraplate earthquake of Oaxaca, Mexico (Mw=7.5) from inversion of strong-motion data: ***Seismological Research Letters***, v. 28, núm. 2, p. 363-366.
9. Kimbrough, David L., Smith, Douglas P., Mahoney, J. Brian, Moore, Thomas E., Grove,

- Marty and **Ortega-Rivera, A.** 2001. Forearc-basin sedimentary response to rapid Late Cretaceous batholith emplacement in the Peninsular Ranges of southern and Baja California. **Geology**.
10. Koshevaya, S. V., V. V. Grimalsky, G. N. Burlak, **R. Pérez Enríquez, A. N. Kotsarenko.** Magnetic perturbations on the earth excited by seismic wave, **Physica Scripta**, 64, 172-176, 2001.
11. Luhr, J. F., Henry, C. D., Housh, T. B., **Aranda-Gómez, J. J.** and McIntosh, W. C. 2001, Early extension and associated mafic alkalic volcanism from the southern Basin and Range Province: Geology and petrology of the Rodeo and Nazas volcanic fields, Durango (Mexico): **Geological Society of America Bulletin**, v.113, n.6, p. 760-773.
12. Miroshnichenko, L., B. Mendoza, **R. Pérez Enríquez,** Size distribution of the >10 MeV solar proton events, **Solar Physics.**, 202, 151-171), 2001.
13. Pacheco-Ávila, J., L. Marín, A. Cabrera, **B. Steinich** y O. Escolero, 2001. Temporal and spatial patterns in twelve water supply wells, Yucatan, Mexico. **Environmental Geology**, 40(6): 708-715.
14. **Tritlla, J.** y Cardellach, E., 2001. The role of organic matter in the formation of hydrothermal carbonates in triassic limestones of the Espadán Ranges (Iberian Chain, E of Spain). **Chemical Geology**, Vol 172, 291-305.
15. **Vassallo, L.,** Flores, L., Lazcano, L. M., Hernández, G., Solorio, G., Maples, M., Girón, P. y Garduño, C. 2001. El gabro de Arperos y su aportación de Cr-Ni a la subcuenca del río Silao, Guanajuato, México: **Ingeniería Hidráulica en México**, v. 16, núm. 1, 63-71.
16. **Zúñiga, F.R.** y M. Wyss, 2001. Most and Least Likely Locations of Large to Great Earthquakes Along the Pacific Coast of Mexico, Estimated from Local Recurrence Times Based on b-values. **Bulletin of the Seismological Society of America**, 91, 1717-1728.

Revistas del padrón de excelencia de CONACYT

17. Alaniz-Alvarez, S. A., Nieto-Samaniego, A. F., Reyes-Zaragoza, M. A., Ojeda-García, A. C., Orozco-Esquivel, M. T y Vasallo, L., 2001, Estratigrafía y deformación extensional en la región San Miguel de Allende-Querétaro, México, *Revista Mexicana de Ciencias Geológicas*, v. 18, p. 129-148.
18. **Aranda-Gómez, J.J.,** Torres-Hernández, R., **Carrasco-Nuñez, G.,** y Aguillón-Robles, A. 2000 (2001), Contrasting styles of laramide folding across the west-central margin of the cretaceous Valles-San Luis Potosí carbonate platform, Mexico. **Revista Mexicana de**

Ciencias Geológicas, v. 17, núm. 2, p. 97-111.

19. Huizar Alvarez, R. Campos Enríquez, O., Mitre Salazar, L. M., Alatraste Vilchis, D., Méndez García, T. Y Juárez Sánchez, F., 2001: Evaluación Hidrogeológica de la subcuenca de Tecocomulco, Estados de Hidalgo, Puebla y Tlaxcala, México. *Revista Mexicana de Ciencias Geológicas*, vol. 18, núm. 1, p. 55-73.
20. Delgado-Rodríguez, O., Campos-Enríquez O., Urrutia Fucugauchi J. and **Arzate J.**, 2001. Occam and Bostick 1-D inversion of magnetotelluric soundings in the Chicxulub Impact Crater, Yucatán, Mexico. *Geofísica Internacional*, v. 40, p. 271-284.
21. Delgado-Rodríguez, O., Urrutia-Fucugauchi, J., **Arzate J.A.** y Campos-Enriquez O., 2001. Coastal effect in magnetotelluric soundings over the Yucatan Peninsula, Mexico. *Geofísica Internacional*, v. 40, p. 31-41.

Revistas extranjeras no incluidas en el Science Citation Index

22. Miller, E. W. y **Carranza Castañeda O.**, 2001. Late Cenozoic mammals from the basins of central México. In: Rook, L. & Torre, D. Eds. Neogene and Quaternary continental stratigraphy and mammal evolution. *Bolletino della Societa Paleontologica Italiana*, Vol. 20, n. 2, p. 235-242.
23. Koshevaya, S. V., G.N.Burlak, V.V.Grimalsky, **R. Perez-Enriquez, A.N.Kotsarenko**, 2001. Nonlinear Transformaion of Seismic Waves into Ultra-Low Frequency Atmospheric Waves, *SAMS: Application, Modeling and Simulation*

Capítulos en libros

1. **Camprubí, A.**, Canals, À., Cardellach, E., Prol-Ledesma, R.M., Rivera, R., 2001. The La Guitarra Ag-Au low sulfidation epithermal system, Temascaltepec district, Mexico: vein structure, mineralogy, and sulfide-sulfosalt chemistry. En: T. Albinson y C. Nelson (coord.), *New mines and discoveries in Mexico and Central America*, **Society of Economic Geologists Special Publication Series**, v. 8, p. 133-158.
2. **Camprubí, A.**, Cardellach, E., Canals, À., Lucchini, R., 2001. The La Guitarra Ag-Au low sulfidation epithermal system, Temascaltepec district, Mexico: fluid inclusion and stable isotope data. En: T. Albinson y C. Nelson (coord.), *New mines and discoveries in Mexico and Central America*, **Society of Economic Geologists Special Publication Series**, v. 8, p. 159-185