

Artículos Indizados

2015

1. Arvizu H., **Iriondo A.**, 2015, Control temporal y geología del magmatismo permo-triásico en Sierra Los Tanques, NW de Sonora: Evidencia del inicio y establecimiento del arco magmático continental en Laurencia, Boletín de la Sociedad Geológica Mexicana, vol. 67, p. 545-586
2. Ávila-Barrientos L., **Zúñiga F.R.**, Rodríguez-Pérez Q., **Guzmán-Speziale M.**, 2015, Variation of b and p values from aftershocks sequences along the Mexican subduction zone and their relation to plate characteristics, Journal of South American Earth Sciences, vol. 63, p. 162-171
3. Bassam A., **Del Castillo A.A.**, García-Valladares O., Santoyo E., 2015, Determination of pressure drops in flowing geothermal wells by using artificial neural networks and wellbore simulation tools, Applied Thermal Engineering, vol. 75, p. 1217-1228
4. Bennett S.E.K., Oskin M.E., Dorsey R.J., **Iriondo A.**, Kunk M.J., 2015, Stratigraphy and structural development of the southwest Isla Tiburón marine basin: Implications for latest Miocene tectonic opening and flooding of the northern Gulf of California, Geosphere, vol. 11, p. 977-1007
5. **Bernal J.P.**, 2015, Reaching new boundaries for in-situ U-Th geochronology, American Mineralogist, vol. 100, p. 2017-2018
6. Bhattacharya T., Byrne R., **Böhnel H.**, Wogau K., Kienel U., Ingram B.L., Zimmerman S., 2015, Cultural Implications of Late Holocene Climate Change in the Cuenca Oriental, Mexico, Proceedings of the National Academy of Science, vol. 112, p. 1693-1698
7. Botero-Santa P.A., **Alaniz-Álvarez S.A.**, **Nieto-Samaniego A.F.**, **López Martínez M.**, **Levesse G.**, **Xu S.**, 2015. Origen y desarrollo de la cuenca El Bajío en el sector central de la Faja Volcánica Transmexicana. Revista Mexicana de Ciencias Geológicas. vol. 32, p. 84-98
8. Camprubí Antoni, **González-Partida E.**, Valencia Victor A., Barra Fernando, 2015, Geochronology of Mexican mineral deposits. I: the San Martín polymetallic skarn, Zacatecas, Boletín de la Sociedad Geológica Mexicana, vol. 67, p. 119-122
9. Canet C., Hernández-Cruz B., Jiménez-Franco A., Pi T., Peláez B., Villanueva-Estrada R.E., Alfonso P., **González-Partida E.**, Salinas S., 2015, Combining ammonium mapping and short-wave infrared (SWIR) reflectance spectroscopy to constrain a model of hydrothermal alteration for the Acoculco geothermal zone, Eastern Mexico, Geothermics, vol. 53, p. 154-165
10. **Capra L.**, Gavilanes-Ruíz J.C., Bonasia R., Saucedo R., Sulpizio R., 2015, Re-assessing volcanic hazard zonation of Volcán de Colima, México, Natural Hazards, vol. 76, p. 41-61
11. **Capra L.**, **Roverato M.**, Gropelli G., **Caballero-Gracia L.**, Sulpizio R., Norini G., 2015, Glacier melting during lava dome growth at Nevado de Toluca volcano (Mexico): Evidences of a major threat before main eruptive phases at ice-capped volcanoes, Journal of Volcanology and Geothermal Research, vol. 294, p. 1-10
12. Castro R.R., González-Huár H., **Zúñiga F.R.**, Wong V.M., Velasco A.A., 2015, Delayed dynamic triggered seismicity in northern Baja California, México caused by large and remote earthquakes, Bulletin of the Seismological Society of America, vol. 105, p. 1825-1835

13. Chaparro M.A.E., Castañeda Miranda A.G., **Böhnel H.N.**, Sinito A.M., 2015, An interval fuzzy model for magnetic biomonitoring using the specie *Tillandsia recurvata* L, *Ecological Indicators*, vol. 54, p. 238-245
14. Christophersen A., Litchfield N., Berryman K., ..**Zúñiga F.R.** et al., 2015, Development of the Global Earthquake Model's neotectonic fault database, *Natural Hazards*, vol. 79, p. 11-135
15. Clinkscales Christopher A. and **Lawton T.F.**, 2015, Timing of Late Cretaceous shortening and basin development, Little Hatchet Mountains, southwestern New Mexico, USA – implications for regional Laramide tectonics, *Basin Research*, vol. 27, p. 453-472
16. Conticelli S., Boari E., Burlamacchi L., Cifelli F., Moscardi F., Laurenzi M.A., **Ferrari L.**, Francalanci L., Benvenuti M.G., Braschi E., Manetti P., *Geochemistry and Sr-Nd-Pb isotopes of Monte Amiata Volcano, Central Italy: Evidence for magma mixing between high-K calc-alkaline and leucititic mantle-derived magmas*, *Italian Journal of Geosciences*, vol. 134, p. 266-290
17. Delgado G., **Muñoz C.**, **Orozco-Esquivel M.T.**, Anguiano B., and Aceves C., 2015, Total Iodine Quantification in Fluids and Tissues from Iodine- or Iodide-Supplemented Rats by Ion Chromatography Following Microwave-Assisted Digestion, *THYROID*, vol. 25, p. 352-360
18. Duarte A.V., **Böhnel H.N.**, Yutsis V., 2015, Paleomagnetism of the Miocene Jantetelco Granodiorites and Tepexco Volcanic Group and inferences for crustal block rotations in central Mexico – Reevaluation, *Tectonophysics*, vol. 658, p. 117-127
19. Duque-Trujillo J., **Ferrari L.**, **Orozco-Esquivel T.**, **López-Martínez M.**, Lonsdale P., Bryan S.E., Kluesner J., Piñero-Lajas D., **Solari L.**, 2015, Timing of rifting in the Southern Gulf of California and its conjugate margins: insights from the plutonic record, *Geological Society of America Bulletin*, vol. 127, p. 702-736
20. Farfán-Panamá J.L., Camprubí A., **González-Partida E.**, **Iriondo, A.**, Gonzalez-Torres E., 2015, Geochronology of Mexican mineral deposits. III: The Taxco epithermal deposits, Guerrero, *Boletín de la Sociedad Geológica Mexicana*, vol. 67, p. 357-366
21. Geyer A., García-Sellés D., **Pedrazzi D.**, Barde-Cabusson S., Marti J., Muñoz J.A., 2015, Studying monogenetic volcanoes with a terrestrial laser scanner: case study at Croscat volcano (Garrotxa Volcanic Field, Spain), *Bulletin of Volcanology*, vol. 77, p. 1-14
22. González-Ruiz Luis E., **González-Partida E.**, Martínez Luis, Pironon Jacques, Camprubí Antoni, 2015, Fenómenos diagenéticos en calizas del Jurásico-Cretácico de un sector de las cuencas de Huimanguillo-Comalcalco-Alto de Jalpan y primeras observaciones mediante microscopio electrónico de barrido y microtomografía 3D, *Boletín de la Sociedad Geológica Mexicana*, vol. 3, p. 1-10
23. Hearon IV T.E., Rowan M.G., **Lawton T.F.**, Hannah P.T. and Giles K.A., 2015, Geology and tectonics of Neoproterozoic salt diapirs and salt sheets in the eastern Willouran Ranges, South Australia, *Basin Research*, vol. 27, p. 183-207
24. Hearon IV T.E., Rowan M.G., Giles K.A., Kernan R.K., Gannaway C.E., **Lawton T.F.**, Fiduk J.C., 2015, Allochthonous salt initiation and advance in the northern Flinders and eastern Willouran ranges, South Australia: Using outcrops to test subsurface-based models from the northern Gulf of Mexico, *American Association of Petroleum Geologists Bulletin*, vol. 99, p. 293-331
25. **Lawton T.F.**, 2015, William R. Dickinson: Plate tectonic pioneer, *Nature Geoscience*, vol. 8, p. 750

26. **Lawton T.F.**, Buller C.D., Parr T.R., 2015, Provenance of a Permian erg on the western margin of Pangea: Depositional system of the Kungurian (late Leonardian) Castle Valley and White Rim sandstones and subjacent Cutler Group, Paradox Basin, Utah, USA, *Geosphere*, vol. 11, p. 1475-1506
27. López Montes R., **Pérez Enríquez R.**, Araujo Pradere E., **López Cruz Abeyro J.A.**, 2015, Fractal analysis evaluation of the impact of intense geomagnetic storms on the mid latitude ionosphere, *Advances in Space Research*, vol. 55, p. 586-596
28. López-Lara T., Hernández Zaragoza J., **Carreón Dora, Cerca M.**, Rojas-González E., Martínez-Barrera G., Horta-Rangel J., Rodríguez-Morales N.P., 2015, Novel Porous Materials Solution for Instability Decrease of Problem Soils under Buildings, *Wulfenia*, vol. 22, p. 368-377
29. López-Rojas M., **Carrasco-Núñez G.**, 2015, Depositional facies and migration of the eruptive locifor Atexcac axalapazco (Central Mexico): implications for the morphology of the cráter, *Revista Mexicana de Ciencias Geológicas*, vol. 32, p. 377-394
30. López-Sánchez M.A., **Iriondo A.**, Marcos A., and Martínez F.J., 2015, An U-Pb zircon age from the uppermost layers of the Cambro-Ordovician rifting-related volcanics in NW Iberia: implications for the Gondwana breakup, *Geological Magazine*, vol. 152, p. 341-350
31. Macías J. L., Corona-Chávez P., Sánchez-Núñez J. M., Martínez-Medina M., Garduño-Monroy V. H., **Capra L.**, García-Tenorio F., and Cisneros-Máximo G., 2015, The 27 May 1937 catastrophic flow failure of gold tailings at Tlalpujahuá, Michoacán, Mexico, *Natural Hazards and Earth System Sciences*, vol. 15, p. 1069-1085
32. **Márquez-Ramírez V.H.**, Nava F.A., **Zúñiga F.R.**, 2015, Correcting the Gutenberg–Richter b-value for effects of rounding and noise, *Earthquake Science*, vol. 28, p. 129-134
33. **Martínez-Reyes J.J.**, Camprubí A., Uysal I.T., **Iriondo A.**, **González-Partida E.**, 2015, Geochronology of Mexican mineral deposits. II: Veta Madre and Sierra epithermal vein systems, Guanajuato district, *Boletín de la Sociedad Geológica Mexicana*, vol. 67, p. 349-355
34. **Molina-Garza R.S.**, Geissman J.W., Wawrzyniec T.F., **Peña Alonso T.A.**, **Iriondo A.**, Weber B., **Aranda-Gómez, J.J.**, 2015, Geology of the coastal Chiapas (Mexico) Miocene plutons and the Tonalá shear zone: Syntectonic emplacement and rapid exhumation during sinistral transpression, *Lithosphere*, vol. 7, p. 257-274
35. Norini G., Gropelli G., Sulpizio R., **Carrasco-Núñez G.**, Dávila-Harris P., Pellicioli C., Zucca F., De Franco R., 2015, Structural analysis and thermal remote sensing of the Los Humeros Volcanic Complex: Implications for volcano structure and geothermal exploration, *Journal of Volcanology and Geothermal Research*, vol. 301, p. 221-237
36. Ochoa-González Gil H., **Carreón Dora, Cerca M.**, **López-Martínez M.**, 2015, Assessment of groundwater flow in volcanic faulted areas. A study case in Queretaro, Mexico, *Geofísica Internacional*, vol. 54, p. 199-220
37. Oms O., Bolós X., Barde-Cabusson S., (...), **Pedrazzi D.**, Agustí J., 2015, Structure of the Pliocene Camp dels Ninots maar-diatreme (Catalan Volcanic Zone, NE Spain), *Bulletin of Volcanology*, vol. 77, p. 1-13
38. **Ortega-Guerrero M.A.**, **Carrasco-Núñez G.**, Barragán-Campos H., Ortega M.R., 2015, High incidence of lung cancer and malignant mesothelioma linked to erionite fibre exposure in a rural community in Central Mexico, *Occupational and Environmental Medicine*, vol. 72, p. 216-218

39. Ortuño M., **Zúñiga F.R.**, **Aguirre-Díaz G.**, **Carreón-Freyre D.**, **Cerca M.**, **Roverato M.**, 2015, Holocene paleo-earthquakes recorded at the transfer zone of two major faults: the Pastores and Venta de Bravo faults, *Geosphere*, vol. 11, p. 160-184
40. **Pedrazzi D.**, Cappello A., Zanon V., Del Negro C., 2015, Impact of effusive eruptions from the Eguas-Carvão fissure system, São Miguel Island, Azores Archipelago (Portugal), *Journal of Volcanology and Geothermal Research*, vol. 191, p. 1-13
41. **Peña-Alonso T.A.**, Delgado-Argote L.A., **Molina-Garza R.S.**, 2015, Early Cretaceous pre-batholith dextral-transpression in the central Baja California peninsula: The record of the la Unión complex, Baja California, Mexico, *International Geology Review*, vol. 57, p. 28-54
42. **Pérez Quezadas J.**, **Cortés Silva A.**, Inguaggiato S., Del Rocío Salas Ortega M., Cervantes Pérez J., Heilweil V.M., 2015, Meteoric isotopic gradient on the windward side of the sierra madre oriental area, Veracruz – Mexico, *Geofísica Internacional*, vol. 54, p. 267-276
43. Robles I., Lozano M.J., **Solís Valdes S.**, **Hernández G.**, Paz M.V., Olvera M.G., Bustos E., 2015, Electrokinetic Treatment of Mercury-Polluted Soil Facilitated by Ethylenediaminetetraacetic Acid Coupled with A Reactor with A Permeable Reactive Barrier of Iron to Recover Mercury (II) from Water, *Electrochimica Acta*, vol. 181, p. 68-72
44. Rojas R., Contreras-Esquivel J.C., **Orozco-Esquivel T.**, (...), Aguirre-Joya J.A., Aguilar C.N., 2015, Mango Peel as Source of Antioxidants and Pectin: Microwave Assisted Extraction, *Waste and Biomass Valorization*, vol. 6, p. 1095-1102
45. **Roverato M.**, Cronin S., Procter J., **Capra L.**, 2015, Textural features as indicators of debris avalanche transport and emplacement, Taranaki volcano, *Geological Society of America Bulletin*, vol. 127, p. 3-18
46. Shchepetilnikova V., Solé J., **Solari L.**, and Abdullin F., 2015. A chronological and chemical zircon study of some pegmatite dikes and lenses from the Central Part (Ayoquezco-Ejutla) of the Oaxacan Complex, Southern Mexico. *Revista Mexicana de Ciencias Geológicas*, vol. 32, p. 123-142
47. Siles G.L., Alcérreca-Huerta J.C., **López-Quiroz P.**, Hernández J.C., 2015, On the potential of time series InSAR for subsidence and ground rupture evaluation: application to Texcoco and Cuautitlan–Pachuca subbasins, northern Valley of Mexico, *Natural Hazards*, vol. 79, p. 1091-1110
48. Siles G.L., Alcérreca-Huerta J.C., **López-Quiroz P.**, Niemeier W., 2015, Long term subsidence analysis and soil fracturing zonation based on InSAR time series modelling in northern Zona Metropolitana del Valle de Mexico, *Remote sensing*, vol. 7, p. 6908-6931
49. **Solari L.**, **Ortega-Obregón C.**, **Bernal J.P.**, 2015, U-Pb zircon geochronology by LAICPMS combined with thermal annealing: Achievements in precision and accuracy on dating standard and unknown samples, *Chemical geology*, vol. 414, p. 109-123
50. Straub S.M., **Gómez-Tuena A.**, Bindeman I.N., (...), Vannucchi P., Zellmer G.F., 2015, Corrigendum to "Crustal recycling by subduction erosion in the central Mexican Volcanic Belt" [*Geochim. Cosmochim. Acta* 166 (2015) 29-52], DOI: 10.1016/j.gca.2015.06.001, *Geochimica et Cosmochimica Acta*, vol. 171, p. 374-375
51. Straub S.M., **Gómez-Tuena A.**, Bindeman I.N., Bolge L.L., Brandl P.A., Espinasa-Perena R., **Solari L.**, Stuart F.M., Vannucchi P., Zellmer G.F., 2015, Crustal recycling by subduction erosion in the central Mexican Volcanic Belt, *Geochimica et Cosmochimica Acta*, vol. 166, p. 29-52

52. Stríkis N.M., Chiessi C.M., Cruz F.W., Vuille M., Cheng H., De Souza Barreto E.A., Mollenhauer G., Kasten S., Karmann I., Edwards R.L., **Bernal J.P.**, Sales H.D.R., 2015, Timing and structure of Mega-SACZ events during Heinrich Stadial 1, *Geophysical Research Letters*, vol. 42, p. 5477-5484
53. Suhardja S.K., Grand S.P., Wilson D., **Guzman-Speziale M.**, **Gomez-Gonzalez J.M.**, Dominguez-Reyes T., Ni J., 2015, Crust and subduction zone structure of Southwestern Mexico, *Journal of Geophysical Research*, vol. 120, p. 1020-1035
54. Sunye-Puchol Iván, **Lacan P.G.**, Ortuño María, Villamor Pilar, Audin Laurence , **Zúñiga F.R.**, Langridge Robert Max, **Aguirre-Díaz G. y Lawton T.F.**, 2015, La falla San Mateo: nuevas evidencias paleosismológicas de fallamiento activo en el graben de Acambay, México, *Revista Mexicana de Ciencias Geológicas*, vol. 32, p. 361-376
55. Torres-Carrillo X. G., Delgado-Argote L. A., **Böhnel H.N.**, **Molina-Garza R. S.**, & Weber B., 2015, Palaeomagnetic assessment of plutons from the southern Peninsular Ranges batholith and the Jurassic Vizcaíno igneous suites, *International Geology Review*, vol. 58, p. 489-509
56. Vassallo Morales L.F., Aranda-Gómez J.J., Solorio-Munguía J.G., 2015, Hydrothermal Alteration of Volcanic rocks Hosting the Late Jurassic - Early Cretaceous San Nicolás VMS deposit southern Zacatecas, México, *Revista Mexicana de Ciencias Geológicas*, vol 32, p. 254-272
57. **Villalobos-Escobar G.P.**, Castro R.R., 2015, Erratum to: S-wave attenuation in northeastern Sonora, Mexico, near the faults that ruptured during the earthquake of 3 May 1887 Mw 7.5, *Springer Plus*, vol. 4, p. 1
58. **Villalobos-Escobar G.P.**, Castro R.R., 2015, Estimation of local magnitude in Northeastern Sonora, Mexico, using empirical Relations based on recorded duration, *Seismological Research Letters*, vol. 86, p. 870