Revistas Internacionales

2021

- **Parera-Portell J.A.**, **FdL Mancilla, J. Morales, J. Almendros & V. Jiménez-Morales** (2021). Structure of the crust and upper mantle beneath the Bransfield Strait (Antarctica) using P receiver functions. Tectonophysics , 802, 228744. Doi: 10.1016/j.tecto.2021.228744.

2020

- **Stich D., Martín R., Morales J., López-Comino J.A. and FdeL Mancilla** (2020). Slip Partitioning in the 2016 Alboran Sea Earthquake Sequence (Western Mediterranean). Front. Earth Sci., 8, 587356. Doi: 10.3389/feart.2020.587356
- Negredo A.M., **FdL Mancilla**, C. Clemente, **J. Morales** and J. Fullea (2020). Geodynamic Modeling of Edge-Delamination Driven by Subduction-Transform Edge Propagator Faults: The Westernmost Mediterranean Margin (Central Betic Orogen) Case Study. Front. Earth Sci., 8, 533392. Doi: 10.3389/feart.2020.533392
- **Almendros J.**, W. Wilcock D. Soulec, **T. Teixidó, L. Vizcaíno**, **O. Ardanaza** , J.L. Granja-Bruña, **D. Martín-Jiménez**, X. Yuan, B. Heit, M.C. Schmidt-Aursch, W. Geissler, R. Dziak, **F. Carrión**, **A. Ontiveros**, R. Abella, **E. Carmona** , J.F. Agüí-Fernández, N. Sánchez, **I. Serrano**, R. Davoli, Z. Krauss, M. Kidiwela, L. Schmahl (2020). BRAVOSEIS: Geophysical investigation of rifting and volcanism in the Bransfield strait, Antarctica. Journal of South American Earth Sciences, 104, 102834. Doi: 10.1016/j.jsames.2020.102834
- Melchor, I., **J. Almendros**, R. Carniel, K.I. Konstantinou, M. Hantusch & A. Caselli (2020). On data reduction methods for volcanic tremor characterization: the 2012 eruption of Copahue volcano, Southern Andes. Earth Planets Space **72,** 134 (2020). https://doi.org/10.1186/s40623-020-01270-7
- **Prudencio, J.**, and Manga (2020). 3D attenuation structure of Long Valley caldera imaged with the coda normalization method. Geophys. J. Int ., 220, 1677–1686. Doi: 10.1093/gji/ggz543

Copyright© 2026 Universidad de Granada

- Millares M. , H. A. Chikh, M. Habi, B. Morsli, J. P. Galve, **J. V. Perez-Peña** & W. Martín-Rosales (2020). Seasonal patterns of suspended sediment load and erosion-transport assessment in a Mediterranean basin. Hydrological Sciences Journal, 65(6). Doi:10.1080/02626667.2020.1724294
- Reyes-Carmona, C.; Barra, A.; Galve, J.P.; Monserrat, O.; **Pérez-Peña, J.V** .; Mateos, R.M.; Notti, D.; Ruano, P.; Millares, A.; López-Vinielles, J.; Azañón, J.M. (2020) Sentinel-1 DInSAR for Monitoring Active Landslides in Critical Infrastructures: The Case of the Rules Reservoir (Southern Spain). Remote Sens. , 12, 809.
- M. Camafort, **J.V. Pérez-Peña**, G. Booth-Rea, F. Melki, E. Gràcia, J.M. Azañón, J.P. Galve, W. Marzougui, S. Gaidi, C.R. Ranero (2020). Active tectonics and drainage evolution in the Tunisian Atlas driven by interaction between crustal shortening and mantle dynamics. Geomorphology , 351, 106954. Doi: 10.1016/j.geomorph.2019.106954.
- García L. , **G. Alguacil**, M. Titos , O. Cocina, A. De la Torre, and C. Benítez (2020). Automatic S-Phase Picking for Volcano-Tectonic Earthquakes Using Spectral Dissimilarity Analysis . IEEE Geosci. Remote Sens. Lett., 17 (5), 874-878.
- A. Bueno, C. Benítez, S. De Angelis, A. Díaz Moreno and **J. M. Ibáñez**, (2020) Volcano-Seismic Transfer Learning and Uncertainty Quantification With Bayesian Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, vol. 58, no. 2, pp. 892-902, Doi: 10.1109/TGRS.2019.2941494.
- **Ibáñez J.M**., I. Castro-Melgar, O. Cocina, L. Zuccarello, S. Branca, **E. Del Pezzo, J. Prudencio** (2020). First 2-D intrinsic and scattering attenuation images of Mt Etna volcano and surrounding region from active seismic data. Geophysical Journal International, 220(1), 267–277. Doi:10.1093/gji/ggz450

2019

- Bueno A., A. Díaz-Moreno, S. De Angelis, C. Benítez, **J. M. Ibañez** (2019); Recursive Entropy Method of Segmentation for Seismic Signals. Seismological Research Letters ; 90 (4): 1670–1677. Doi: https://doi.org/10.1785/0220180317
- Delgado Méndez, L., Del Moral Ávila, C., Del Moral Ávila, M. J., Tapia García, J. M., **Valverde-Palacios, I.**, & Valverde-Espinosa, I. (2019). Fuzzy multicriteria for determining reasonable adjustment in housing. Technological and Economic Development of Economy, 25(3), 421-446. Doi:10.3846/tede.2019.7456
- Cuenca-Moyano, G. M.; Martin-Pascual J.; Martin-Morales M.; **Valverde-Palacios I.**; Zamorano M. (2020). Effects of water to cement ratio, recycled fine aggregate and air entraining/plasticizer admixture on masonry mortar properties. Construction and Building Materials, 230, 116929. doi:10.1016/j.conbuildmat.2019.116929
- Rescalvo, F. J.; Abarkane, Chihab; Suarez E.; **Valverde-Palacios, I**; Gallego A. (2019). Pine Beams Retrofitted with FRP and Poplar Planks: Mechanical Behavior . Materials, 12(19) 3081. doi: 10.3390/ma12193081
- Cuenca-Moyano G.M.; Martin-Morales M.; Bonoli A.; **Valverde-Palacios, I.** (2019). Environmental assessment of masonry mortars made with natural and recycled aggregates. International Journal of Life Cycle Assessment, , 24(2), 191-210;

Copyright© 2026 Universidad de Granada

- Del Pezzo E., E. Giampiccolo, T. Tuvé, G. Di Grazia, S. Gresta, **J. M. Ibàñez,** (2019). Study of the regional pattern of intrinsic and scattering seismic attenuation in Eastern Sicily (Italy) from local earthquakes. Geophysical Journal International, 218(2) 1456–1468, Doi: 10.1093/gji/ggz208
- Titos M., A. Bueno, L. García, M. C. Benítez and **J. Ibañez** (2019). Detection and Classification of Continuous Volcano-Seismic Signals With Recurrent Neural Networks. IEEE Transactions on Geoscience and Remote Sensing , 57(4), 1936-1948, Doi: 10.1109/TGRS.2018.2870202.
- **Nunez, E.**, M. Schimmel, **D. Stich**, A. Iglesias (2019). Crustal Velocity Anomalies in Costa Rica from Ambient Noise Tomography. Pure and Applied Geophysics, 177(2) 941 - 960.
- Orecchio, B., S. Scolaro, J. Batllo; G. Ferrari, D. Presti, **D. Stich** (2019). A reappraisal of the 1978 Ferruzzano earthquake (southern Italy) from new estimates of hypocenter location and moment tensor inversion. Physics of the Earth and Planetary Interiors, 289, 34 - 44.
- **Santos-Bueno, N**., C. Fernandez-Garcia, **D. Stich, FDL Mancilla, R. Martin, A. Molina-Aguilera, J. Morales** (2019). Focal Mechanisms for Subcrustal Earthquakes Beneath the Gibraltar Arc. Geophysical Research Letters , 46 (5),2534-2543. Doi: 10.1029/2018GL081587
- **Molina-Aguilera, A., FDL Mancilla, J. Morales, D. Stich**, X. Yuan, B. Heit (2019). Connection between the Jurassic oceanic lithosphere of the Gulf of Cadiz and the Alboran slab imaged by Sp receiver functions. Geology 47 (3),227-230. Doi: 10.1130/G45654.1
- Soto J., J.A. Palenzuela, J.P. Galve, J.A. Luque, **J.M. Azañon**, J. Tamay, C. Irigaray (2019). Estimation of empirical rainfall thresholds for landslide triggering using partial duration series and their relation with climatic cycles. An application in southern Ecuador. Bull. Engineering Geology and the environment , 78 (3) 1971-1987. Doi: 10.1007/s10064-017-1216-z
- Karamzadeh, N., Kühn, D., Kriegerowski, M., **Lopez-Comino J.A.**, Cesca S., Dahm T. (2019). Small-aperture array as a tool to monitor fluid injection- and extraction-induced microseismicity: applications and recommendations. Acta Geophys. 67, 311–326. Doi: 10.1007/s11600-018-0231-1
- Monterroso-Checa A.; **T. Teixidó**; M. Gasparini; **J. A. Peña**; S. Rodero; J. C. Moreno; J. A. Morena (2019). Use of Remote Sensing, Geophysical Techniques and Archaeological Excavations to Define the Roman Amphitheater of Torreparedones (Córdoba, Spain). Remote Sensing, 11, 2937. Doi:10.3390/rs11242937
- Caldeira B.; R. J. Oliveira; **T. Teixidó**; J. F. Borges; R. Henriques; A. Carneiro; **J. A. Peña** (2019). Studying the Construction of Floor Mosaics in the Roman Villa of Pisões (Portugal) Using Noninvasive Methods: High-Resolution 3D GPR and Photogrammetry. Remote Sensing, 11, 1882; doi:10.3390/rs11161882
- Jaén-Candón M.; A. Jiménez-Hernández; I. Carrasco-Gómez; **J. Peña-Ruano; T. Teixidó-Ullod** (2019). The Intramural chariot racing stone barrier at Carteia (Spain): Geophysical survey and verification by archaeological test excavation. Mediterranean Archaeology and Archaeometry 19(3), pp. 139-156.
- Booth-Rea, G., Gaidi, S., Melki, F., Marzougui, W., **Azañón, J.M.**, Galvé, J.P., **Pérez-Peña, J.V.**, Ruano, P. (2019). Comment on “How to build an extensional basin in a contractional setting? Numerical and physical modelling applied to the Mejerda basin at the front of the eastern tell of Tunisia” by Mannoubi Khelil et al.

Copyright© 2026 Universidad de Granada

Journal of Structural Geology, art. no. 103935.

2018

- **Stich, D., R. Martín**, J. Batlló, R. Maciá, **F. Mancilla & J. Morales** (2018) Normal faulting in the 1923 Berdún earthquake and postorogenic extension in the Pyrenees. Geophysical Research Letters, 45(7), 3026-3034.
- **Mancilla, FDL**, B. Hit, **J. Morales**, X. Yuan, **D. Stich, A. Molina-Aguilera, J.M. Azañón and R. Martin** (2018). A STEP fault in Central Betics, associated with lateral lithospheric tearing at the northern edge of the Gibraltar arc subduction system. Earth and Planetary Science Letters, 486, 32-40
- **Almendros, J., Carmona, E.**, **Jiménez-Morales, V.**, Díaz-Moreno, A., Lorenzo, F. (2018). Volcano-tectonic activity at Deception Island volcano following a seismic swarm in the Bransfield Rift (2014–2015), Geophys. Res. Lett. 45, 4788-4798, Doi 10.1029/2018GL077490
- **Del Pezzo, E.,** De La Torre, A., Bianco, F., **Ibanez, J.**, Gabrielli, S., & De Siena, L. (2018). Numerically Calculated 3-D Space-Weighting Functions to Image Crustal Volcanic Structures Using Diffuse Coda Waves. Geosciences , 8(5), 1-13. Doi:10.3390/geosciences8050175
- **García-Yeguas, A.,** Sánchez-Alzola, A., De Siena, L., **J. Prudencio, A. Díaz-Moreno, J. M. Ibáñez** (2018). Scattering images from autocorrelation functions of P-wave seismic velocity images: the case of Tenerife Island (Canary Islands, Spain). Bull Volcanol, 80, 24. Doi: 10.1007/s00445-018-1205-5
- **Díaz-Moreno, A.**, Barberi, G., Cocina, O., Koulakov, I., Scarfì, L., Zuccarello, L., **Prudencio, J**., García-Yeguas, A., Álvarez, I., García, L., **Ibáñez, J.M.** (2018) New Insights on Mt. Etna's Crust and Relationship with the Regional Tectonic Framework from Joint Active and Passive P-Wave Seismic Tomography. Surveys in Geophysics, 39 (1), pp. 57-97. DOI: 10.1007/s10712-017-9425-3
- Elert, K., **Azañón, J.M.**, Nieto, F. (2018); Smectite formation upon lime stabilization of expansive marls. Applied Clay Science, 158, pp. 29-36.
- Booth-Rea, G., Gaidi, S., Melki, F., Marzougui, W., **Azañón, J.M.**, Zargouni, F., Galvé, J.P., **Pérez-Peña, J.V.** (2018). Late Miocene Extensional Collapse of Northern Tunisia. Tectonics, 37 (6), pp. 1626-1647
- Soto J., J.A. Palenzuela, J.P. Galve, J.A. Luque, **J.M. Azañon**, J. Tamay, C. Irigaray (2019). Estimation of empirical rainfall thresholds for landslide triggering using partial duration series and their relation with climatic cycles. An application in southern Ecuador. Bull. Engineering Geology and the environment , 78 (3) 1971-1987. Doi: 10.1007/s10064-017-1216-z
- S. Molina, M. Navarro, P. Martínez-Pagan, J. Pérez-Cuevas, **F. Vidal**, D. Navarro, N. Agea-Medina (2018). Potential damage and losses in a repeat of the 1910 Adra (Southern Spain) earthquake. Natural Hazards, 92 (3), 1547-1571. Doi:10.1007/s11069-018-3263-6

Copyright© 2026 Universidad de Granada