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Publications

Journals

- Vajedian, Sanaz and Aflaki, Mahtab and Mousavi, Zahra and Ghods, Abdolreza and Walker, Richard and Maurer, Jeremy, "Seismotectonic modeling of the 2017 Hojedk (Kerman) earthquake sequence from joint inversion of InSAR and offset tracking techniques", Remote Sensing of Environment, Vol. 288, 2023
- Zhao, Pengxiang and Masoumi, Zohreh and Kalantari, Maryam and Aflaki, Mahtab and Mansourian, Ali, "A GIS-based landslide susceptibility mapping and variable importance analysis using artificial intelligent training-based methods", Remote Sensing, Vol. 14, NO. 1, 2022
- Aflaki, Mahtab and Shabanian, Esmaeil and Sahami, Sabah and Arshadi, Masoud, "Evolution of the stress field at the junction of Talesh--Alborz--Central Iran during the past 5 Ma: Implications for the tectonics of NW Iran", Tectonophysics, Vol. 821, 2021
- Aflaki, Mahtab and Mousavi, Zahra, "Interaction between the farfield stress and crustal boundary faults in the kinematics of active deformation around the Lut Block, Eastern Iran", Tectonophysics, Vol. 817, NO. 116, 2021
- Sahami, Sabah and Aflaki, Mahtab and Shabanian, Esmaiel, "Study of kinematic properties along Garmirud fault zone", Tectonophysics, Vol. 817, NO. 116, 2021



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- Babaee, Sasan and Mousavi, Zahra and Masoumi, Zohreh and Malekshah, Ahmad Hojati and Roostaei, Mahasa and Aflaki, Mahtab, "Land subsidence from interferometric SAR and groundwater patterns in the Qazvin plain, Iran", International Journal of Remote Sensing, Vol. 41, NO. 12, 2020
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- Aflaki, M and Mousavi, Z and Ghods, A and Shabanian, E and Vajedian, S and Akbarzadeh, M, "The 2017 M w 6 Sefid Sang earthquake and its implication for the geodynamics of NE Iran", Geophysical Journal International, Vol. 218, NO. 2, 2019
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Conferences

 Nasiri, Ali and Aflaki, Mahtab, "Studying the active tectonic in the northern flank of the Bozqush Mountains, NW Iran", EGU General Assembly Conference Abstracts, 2022



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