



BIBLIOGRAFIE

POZIȚIA cercetător științific postdoctorand

PROIECTUL European research Council (ERC) Consolidator Grant 101043356, HORIZON EUROPE, „PROGRESS- Reading provenance from ubiquitous quartz: understanding the changes occurring in its lattice defects in its journey in time and space by physical methods”, 2023-2027

Books

1. Chen, R., Pagonis., V. Thermally and Optically Stimulated Luminescence: A Simulation Approach. Wiley, 2011, ISBN: 978-1-119-99576-0, 434p.
2. Weil, John, A., Bolton, James, R., Electron paramagnetic Resonance-Elementary Theory and practical Applications, J Wiley and Sons, 2007, Second Edition, ISBN: 970-0471-75496-1, 664p.
3. Bøtter-Jensen L., McKeever S.W.S, Wintle A.G., Optically Stimulated Luminescence Dosimetry. Elsevier, 2003, ISBN: 0-444-50684-5, 355p.
4. Aitken M.J., An introduction to optical dating. The dating of Quaternary Sediments by the use of Photon-Stimulated Luminescence. Oxford University Press, Oxford, 1998, ISBN: 0-19-854092, 267p.
5. Aitken M.J., Thermoluminescent Dating, Academic Press, London, 1985, ISBN: 0-12-046380-6 359p.

Articles

1. Timar-Gabor, A., Kabacińska, Z., Constantin, D., Dave, A., Buylaert, J.P., 2023. Reconstructing dust provenance from quartz optically stimulated luminescence (OSL) and electron spin resonance (ESR) signals: Preliminary results on loess from around the world. Radiation Physics and Chemistry, 111138.
2. Kabacińska, Z., Buylaert, J.P., Yi, S., Timar-Gabor, A., 2022. Revisiting natural and laboratory electron spin resonance (ESR) dose response curves of quartz from Chinese loess. Quaternary Geochronology, 70, 101306.
3. Timar-Gabor, A., Chruścińska, A., Benzid, K., Fitzsimmons, K., Begy, R., Bailey, M., 2020. Bleaching studies on Al-hole ($[AlO_4/h]^0$) electron spin resonance (ESR) signal in sedimentary quartz, Radiation Measurements, 130,106221.
4. Benzid, K., Timar-Gabor, A., 2020. The compensation effect (Meyer-Neldel rule) on $[AlO_4/h^+]$ 0 and $[TiO_4/M^+]$ 0 paramagnetic centres in irradiated sedimentary quartz. AIP Advances, 10, 075114.
5. Preusser, F., Chithambo, M.L., Götze, T., Martini, M., Ramseier, K., Sendezera, E.J., Susino, G.J., Wintle, A.G., 2009. Quartz as a natural luminescence dosimeter. Earth-Science Reviews 97, 184-214.