

## List of publications and conference presentations

Săbău G., Negulescu E. (2022) New mineralogical data from the Jolotca deposit, Romania: mineral hosts for Nb, Y, intermediate and heavy REE. *Geologica Balcanica, XXII International Congress of the Carpathian-Balkan Geological Association (CBGA), 7-11 Sept., Plovdiv, Bulgaria, p. 339.*  
[Geol. Balc. CBGA 2022 31-08-2022.pdf](#)

Săbău G., Negulescu E. (2022) Pegmatites in Romania: present state of knowledge and perspectives for critical raw materials. *Geologica Balcanica, XXII International Congress of the Carpathian-Balkan Geological Association (CBGA), 7-11 Sept., Plovdiv, Bulgaria, p. 350.*

Dobrescu A. (2022) Mid-Cretaceous adakite/TTG-like magmatism at the north Getic basement of the South Carpathians (Romania): origin on geochemical basis and age data review. *Geologica Balcanica, XXII International Congress of the Carpathian-Balkan Geological Association (CBGA), 7-11 Sept., Plovdiv, Bulgaria, p. 101.*

Coțac VN, Iancu OG, Scarlat AA, Ion A. (2022) Radiological risk assessment and spatial distribution of naturally occurring radionuclides within riverbed sediments in the Ditrău alkaline Massif, Eastern Carpathians (Romania) *Geologica Balcanica, XXII International Congress of the Carpathian-Balkan Geological Association (CBGA), 7-11 Sept., Plovdiv, Bulgaria, p. 386.*

Pintea I & Săbău G (2023) Preliminary Petrography and Microthermometry of the Fluid and Melt Inclusions from the Vidruța Beryl Mineralization, Lotru Metamorphic Suite (South Carpathians, Romania), *Goldschmidt 2023, Lyon, France, <https://doi.org/10.7185/gold2023.19289>*

Săbău G, Filiuță AE, Dincă G & Ion AM (2023) Rare Elements Accumulation in Migmatitic Gneisses: The Case of the Grădiștea de Munte Occurrence, Central South Carpathians, *Goldschmidt 2023, Lyon, France, <https://doi.org/10.7185/gold2023.19349>*

Ion AM, Vlad EV & Cosac A (2023) Natural Radioactivity Level in Stream Sediments of Grădiștea River: Source Identification and Radiological Risk Assessment, *Goldschmidt 2023, Lyon, France, <https://doi.org/10.7185/gold2023.19421>*

Dincă G., Săbău G., Filiuță A. E. (2023) Ni-Cu-Co-Bi mineralization in Valea Muntelui ultramafic complex (Cindrel Mountains, Romania) *The 17th SGA Biennial Meeting 2023, Zürich, Session 6a, 20-23.*

Săbău G., Dincă G., Filiuță A. E. (2023) Coexisting nickel diarsenide polymorphs in the five-element mineralization of the Bihor metallogenic district, Apuseni Mountains, Romania. *Review of the Bulgarian Geological Society 84(3), 51-54, <https://doi.org/10.52215/rev.bgs.2023.84.3.51>*

Ion AM., Săbău G., Cosac A. (2024) Using Gamma-Ray Spectrometry and Scanning Electron Microscopy (SEM) for assessment of Th/U ratio in soils developed on alkaline rocks: significance and implications [https://hnp.s.eu/ANP2024/Files/abs\\_ENV\\_3.pdf](https://hnp.s.eu/ANP2024/Files/abs_ENV_3.pdf)

Săbău, G., Dincă, G., Filiuță, AE (2024) Gersdorffite types in the depositional sequence of the five-element ores in the Bihor metallogenic district, Apuseni Mountains: their compositional array and Raman identification of the gersdorffite polymorphs, *Review of the Bulgarian Geological Society 85(2), 116-119 <https://doi.org/10.52215/rev.bgs.2024.85.2.116>*

Săbău, G, Pantia, A.I., Dincă, G., Filiuță, A.E., Ion, A.M. (2024) Extensive corundum-forming breakdown of kyanite in quartz veins emplaced during the retrograde evolution of eclogites, Căpățâni Mts., South Carpathians, *Review of the Bulgarian Geological Society* 85(2), 112-115 <https://doi.org/10.52215/rev.bgs.2024.85.2.112>

Pantia, A.I. (2024, in press) Rock-forming blue quartz – a virtually unknown mineralogical phenomenon, *Review of the Bulgarian Geological Society* 85(3) , [https://bgd.bg/REVIEW\\_BGS/REVIEW\\_BGD\\_2024\\_3/PDF/90\\_Pantia\\_REV\\_BGS\\_2024-3.pdf](https://bgd.bg/REVIEW_BGS/REVIEW_BGD_2024_3/PDF/90_Pantia_REV_BGS_2024-3.pdf)

Deschamps AS, Sant'Anna Gonçalves Silva O., Tedeschi M, Săbău G, Lanari P, Paiva-Silva PA, Fabrício de Andrade Caxito F. (2024) Metamorphic Evolution of a Garnetite from the Southern Carpathians, Romania, 51<sup>o</sup> Congresso Brasileiro de Geologia, Belo Horizonte, MG, 13-17 Oct., 2024, [Submissões - 51<sup>o</sup> Congresso Brasileiro de Geologia](#)

Sant'Anna Gonçalves Silva O., Ferreira Tedeschi M., Săbău G., Vieira Ribeiro B., Paiva-Silva P. A., Lanari P. (2024) Pressure-Temperature trajectory confirms ultrahigh-pressure eclogite in the South Carpathians. Congresso Brasileiro de Geologia, Belo Horizonte, MG, 13-17 Oct., 2024, [Submissões - 51<sup>o</sup> Congresso Brasileiro de Geologia](#)