

## Lista lucrărilor științifice

### Publicații ISI

- 2015 Buzatu A., Damian G., Dill H. G., Buzgar N., **Apopei A. I.** – *Mineralogy and geochemistry of sulfosalts from Baia Sprie ore deposit (Romania) – New bismuth minerals occurrence.* Ore Geology Reviews, 65-1, p. 132-147. [<http://dx.doi.org/10.1016/j.oregeorev.2014.09.016>]. **Factor de impact: 3.383; Factor de influență: 5.252.**
- 2014 **Apopei, A. I.**, Buzgar, N., Damian, G., și Buzatu, A. – *The Raman study of weathering minerals from Coranda-Hondol open pit (Certej gold-silver deposit) and their photochemical degradation products under laser irradiation.* The Canadian Mineralogist (accepted, in press). **Factor de impact: 1.334; Factor de influență: 1.000.**
- 2014 Buzgar N., Buzatu A., **Apopei A. I.**, Cotiguă V. - *In-situ Raman spectroscopy at the Voroneț Monastery (16th century, Romania): New results for green and blue pigments.* Vibrational Spectroscopy, 72, p. 142-148. [<http://dx.doi.org/10.1016/j.vibspec.2014.03.008>]. **Factor de impact: 1.547; Factor de influență: 1.000.**
- 2014 **Apopei A. I.**, Damian G., Buzgar N., Milovska S., Buzatu A. - *New occurrences of hessite, petzite and stützite at Coranda-Hondol open pit (Certej gold-silver deposit, ROMANIA).* Carpathian Journal of Earth and Environmental Sciences, 9, (2), p. 71-78. **Factor de impact: 0.727; Factor de influență: 0.179.**
- 2013 Buzatu N., Buzgar N., Damian G., Vasilache V., **Apopei A. I.** - *The determination of the Fe content in natural sphalerites by means of Raman spectroscopy.* Vibrational Spectroscopy, 68, p. 220–224. [<http://dx.doi.org/10.1016/j.vibspec.2013.08.007>]. **Factor de impact: 1.547; Factor de influență: 1.000.**
- 2013 Buzgar N., **Apopei A. I.**, Buzatu A. - *Characterization and source of Cucuteni black pigment (Romania): vibrational spectrometry and XRD study.* Journal of Archaeological Science, 40, (4), p. 2128-2135. [<http://dx.doi.org/10.1016/j.jas.2012.12.034>]. **Factor de impact: 2.139; Factor de influență: 1.261.**

### Publicații BDI

- 2013 Buzgar N., **Apopei A. I.**, Diaconu V., Buzatu A. - *The composition and source of the raw material of two stone axes of Late Bronze Age from Neamț County (Romania) - A Raman study.* Anal. Șt. Univ. “Al. I. Cuza” Iași, Geologie, LIX/1.
- 2012 **Apopei A. I.**, Damian G., Buzgar N. - *A preliminary Raman and FT-IR spectroscopic study of secondary hydrated sulfate minerals from the Hondol open pit (Metaliferi Mts., ROMANIA).* Romanian Journal of Mineral Deposits, 85, 2, p.1-6.
- 2011 **Apopei A. I.**, Buzgar N., Buzatu A. - *Raman and infrared spectroscopy of kaersutite and certain common amphiboles.* Anal. Șt. Univ. “Al. I. Cuza” Iași, Geologie, LVII/2.

- 2011 Buzgar N., Buzatu A., **Apopei A. I.**, Aștefanei D., Topoleanu F. - *Raman study of the brownish-yellow pigment from a Roman Basilica (Dobrogea, Romania – 4th – 6th century A.D.* Anal. Șt. Univ. “Al. I. Cuza” Iași, Geologie, LVII/2.
- 2010 Buzgar N., Bodi G., Buzatu A., **Apopei A. I.**, Aștefanei D. - *Raman and XRD studies of black pigment from Cucuteni ceramics.* Anal. Șt. Univ. “Al. I. Cuza” Iași, Geologie, LVI/2.
- 2010 **Apopei A. I.**, Buzgar N. – *The Raman study of amphiboles.* Anal. Șt. Univ. “Al. I. Cuza” Iași, Geologie, LVI/1.
- 2009 Buzgar N., **Apopei A. I.** - *The Raman study of certain carbonates.* Anal. Șt. Univ. “Al. I. Cuza” Iași, Geologie, LV/2, 98-112.

04.06.2014

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