

FIȘA DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII

1. Articole științifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact (60 puncte x factor de impact +25) / număr autori

1. **Maftei A. E.**, Iancu O.G., Buzgar N. (2014) – *Assessment of minor elements contamination in Bistrița River sediments (upstream of Izvorul Muntelui Lake, Romania) with the implication of mining activity*. Journal of Geochemical Exploration **145**, 25-34 (ISSN: 0375-6742). **63.31p.**
2. Buzatu A., Dill H. G., Buzgar N., Damian G., **Maftei A. E.**, Apopei A. I. (2016) – *Efflorescent sulfates from Baia Sprie mining area (Romania) – acid mine drainage and climatological approach*. Science of the Total Environment, **542A**, p. 629-641 (ISSN: 0048-9697). **53.16p.**
3. Buzatu A., Damian G., Buzgar N., Andrăș P., Apopei A. I., **Maftei A. E.**, Milovska S. (2017) – *Structural key features of bismut and Sb-As sulfosalts from hydrothermal deposits – micro-Raman spectrometry*. Vibrational Spectroscopy. 89, 49-56 (ISSN: 0924-2031). **18.49p.**
4. Dill H. G., Buzatu A., **Maftei A. E.** (2017) - *Capturing digital data with handheld devices to determine the redox regime, lithology, and provenance of siliciclastic sediments and residual deposits—a review and field manual*. Arabian Journal of Geosciences. 10, p.188 (ISSN: 1866-7538). **27.43p.**

Punctaj I.1: 63.31+53.16+18.49+27.43 = **162.39p**

9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)

POSDRU159/1.5/S/133391 - Proiect “Doctoral and Post-doctoral programs of excellence for highly qualified human resources training for research in the field of Life Sciences, Environment and Earth Science” co-financed by the European Social Fund within the Sectorial Operational Program Human Resources Development 2007-2013 **50p.**

Punctaj I.9: **50p**

12. Citări și recenzii ale lucrărilor științifice

- reviste de specialitate din străinătate: (10 + 20 x factor de impact) / număr autori, pentru fiecare citare

Maftei A. E., Iancu O.G., Buzgar N. (2014) – *Assessment of minor elements contamination in Bistrița River sediments (upstream of Izvorul Muntelui Lake, Romania) with the implication of mining activity*. Journal of Geochemical Exploration 145, 25-34.

Citată în :

1. Othmani M.A., Souissi F., da Silva E.F., Coynel A. (2015). Accumulation trends of metal contamination in sediments of the former Pb-Zn mining district of Touiref (NW Tunisia). *Journal of African Earth Sciences*, 111, 231-243. **IF(2015) = $(10 + 20 \cdot 1.326)/3 = 12.17p$.**

2. Paiu M., Iancu O.G., Breaban I.G. (2015). Geochemical distribution of potentially toxic elements from a rehabilitated mine dump and the influence on vegetation. Study case ostra mining area, Romania. *Journal of Environmental Protection and Ecology*, Volume 16, Issue 4. **IF(2015) = $(10 + 20 \cdot 0.734)/3 = 11.56p$.**

Buzatu A., Dill H. G., Buzgar N., Damian G., Maftai A. E., Apopei A. I. (2016) – *Efflorescent sulfates from Baia Sprie mining area (Romania) – acid mine drainage and climatological approach*. *Science of the Total Environment*, 542A, p. 629-641

Citată în:

1. Pushparaj S.S.C., Jensen N.D., Forano C., Rees G.J., Prevot V., Hanna J.V., Ravnsbæk D.B., Bjerring M., Nielsen U.G. (2016). Structural Investigation of Zn(II) Insertion in Bayerite, an Aluminum Hydroxide. *Inorganic Chemistry*, Volume 55, Issue 18. **IF(2016) = $(10 + 20 \cdot 4.820)/6 = 17.73p$.**

2. Tabero P., Frackowiak A. (2016). Synthesis of $Fe_8V_{10}W_{16}O_{85}$ by a solution method. *Journal of Thermal Analysis and Calorimetry*, Volume 125, Issue 3. **IF(2016) = $(10 + 20 \cdot 1.781)/6 = 7.60p$.**

3. Chicoş M.M., Damian G., Stumbea D., Buzgar N., Ungureanu T., Nica V., Iepure G. (2016). Mineralogy and geochemistry of the tailings pond from Straja Valley (Suceava County, Romania). Factors affecting the mobility of the elements on the surface of the waste deposit. *Carpathian Journal of Earth and Environmental Sciences*. Volume 11, Issue 1, 2016, Pages 265-280. **IF(2016) = $(10 + 10 \cdot 0.730)/6 = 2.88p$.**

4. Kahlenberg V et al. (2016) - Temperature- and moisture-dependent studies on alunogen and the crystal structure of meta-alunogen determined from laboratory powder diffraction data. *Physics and Chemistry of Minerals*. **IF(2016) = $(10 + 20 \cdot 1.585)/6 = 6.95p$.**

5. Hu, X., Cai, Y., Zhang, Y. (2017) - Hydrothermal alteration of arsenopyrite by acidic solutions. *Applied Geochemistry* Volume 77, 1 February 2017, Pages 102-115. **IF(2016) = $(10 + 20 \cdot 2.468)/6 = 9.89p$.**

Punctaj I.12: $12.17+11.56+17.73+7.60+2.88+6.95+9.89=$ **68.78p.**

13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)

1. Buzgar N. **MAFTEI E.A.**, Buzatu A., Apopei A.I. (2011) – Heavy metals geochemistry of sediments in Tazlău river. National Symposium “Mircea Savul” Iași. = **10p.**

2. **MAFTEI E.A.**, Iancu O.G., Buzgar N. (2014) – *Minor elements contamination study in Bistrița river sediments (upstream of Izvorul Muntelui Lake), Romania*. International Symposium “Present Environment and Sustainable Development” Iași. = **10p.**

Punctaj L13: 10+10 = **20p.**

PUNCTAJ TOTAL = 162.39p + 50 + 68.78p + 20p = 301.17puncte

21.12.2017

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