

ПУБЛИКАЦИИ И ПАТЕНТЫ

Статьи, опубликованные в международных изданиях

В период с 2015 по 2020 год было опубликовано 73 статьи в высокорейтинговых журналах, основные из них:

1. Alexandrova, T., Romashev, A., & Potemkin, V. (2020). Justification of evaluation criteria of gold beneficiation ability by gravitational methods. *Journal of Applied Engineering Science*, 18(2), 230-237.

DOI: 10.1080/08827508.2020.1806834

2. Aleksandrova, T., Elbendari, A., & Nikolaeva, N. (2020). Beneficiation of a low-grade phosphate ore using a reverse flotation technique. *Mineral Processing and Extractive Metallurgy Review*.

DOI: 10.1080/08827508.2020.1806834

3. Alexandrova, T. N., Romashev, A. O., & Kuznetsov, V. V. (2020). Development of a methodological approach to establishing the floatability of finely disseminated sulfides. *Obogashchenie Rud*, 2020(2), 9-14.

DOI: 10.17580/or.2020.02.02

4. Aleksandrova, T. N., Afanasova, A. V., & Aleksandrova, A. V. (2020). Microwave treatment to reduce refractoriness of carbonic concentrates. *Journal of Mining Science*, 56(1), 136-141.

DOI: 10.1134/S1062739120016576

5. Elbendary, A., Aleksandrova, T., & Nikolaeva, N. (2019). Influence of operating parameters on the flotation of the Khibiny apatite-nepheline deposits. *Journal of Materials Research and Technology*, 8(6), 5080-5090/

DOI: 10.1016/j.jmrt.2019.08.027

6. Aleksandrova, T. N., Nikolaeva, N. V., Lvov, V. V., & Romashev, A. O. (2019). Ore processing efficiency improvements for precious metals based on process simulations. *Obogashchenie Rud*, 2019(2), 8-13.

DOI: 10.17580/or.2019.02.02

7. Aleksandrova, T. N., Talovina, I. V., & Duryagina, A. M. (2019). Gold–sulphide deposits of the russian arctic zone: Mineralogical features and prospects of ore beneficiation. *Chemie Der Erde*.

DOI: 10.1016/j.chemer.2019.04.006

8. Vasilyev, A. M., & Kuskov, V. B. (2019). Influence of the bowl shape on Itomak centrifugal concentrator performance. *Obogashchenie Rud*, (1), 46-50.

DOI: 10.17580/or.2019.01.07

9. Nikolaeva, N., Aleksandrova, T., & Romashev, A. (2018). Effect of grinding on the fractional composition of polymineral laminated bituminous shales. *Mineral Processing and Extractive Metallurgy Review*, 39(4), 231-234.

DOI: 10.1080/08827508.2017.1415207

10. Korchevenkov, S. A., & Aleksandrova, T. N. (2017). Preparation of standard iron concentrates from non-traditional forms of raw material using a pulsed magnetic field. *Metallurgist*, 61(5-6), 375-381.

DOI: 10.1007/s11015-017-0503-z

11. Romashev, A. O., Aleksandrova, T. N., & Aleksandrov, A. V. (2017). Modelling of the relaxation properties of petroleum-bitumen suspension. *Information (Japan)*, 20(9), 6595-6603.

12. Nikolaeva, N. V., Aleksandrova, T. N., & Taranov, V. A. (2017). Determination of the degree of impact destruction of gold-bearing ore particles in the layer. *Information (Japan)*, 20(9), 6605-6613.

13. Aleksandrova, T., Aleksandrov, A., & Nikolaeva, N. (2017). An investigation of the possibility of extraction of metals from heavy oil. *Mineral Processing and Extractive Metallurgy Review*, 38(2), 92-95.

DOI: 10.1080/08827508.2016.1262860

14. Aleksandrova, T. N., Arustamyan, K. M., & Romanenko, S. A. (2017). The mathematical analysis methods application in estimation of the international practice of copper-zinc and pyritic-polymetallic ores selective flotation. *Obogashchenie Rud*, 2017(5), 21-27

DOI: 10.17580/or.2017.05.04

15. Aleksandrova, T. N., & Korchevenkov, S. A. (2017). Ecological and technological aspects of ash and slag wastes utilization. *Journal of Ecological Engineering*, 18(4), 15-24.

DOI: 10.12911/22998993/74363

16. Talovina, I. V., Lieberwirth, H., Alexandrova, T. N., & Heide, G. (2017). Supergene oxide-silicate nickel deposits: Mineral-geochemical composition and peculiarities of processing. *Eurasian Mining*, 2017(1), 21-24.

DOI: 10.17580/em.2017.01.06

17. Talovina, I. V., Aleksandrova, T. N., Popov, O., & Lieberwirth, H. (2017). Comparative analysis of rocks structural-textural characteristics studies by computer X-ray microtomography and quantitative microstructural analysis methods. *Obogashchenie Rud*, (3), 56-62.

DOI:10.17580/or.2017.03.09

18. Andronov, G. P., Zakharova, I. B., Filimonova, N. M., L'vov, V. V., & Aleksandrova, T. N. (2016). Magnetic separation of eudialyte ore under pulp pulsation. *Journal of Mining Science*, 52(6), 1190-1194.

DOI:10.1134/S1062739116061735

19. Aleksandrova, T. N., Romashev, A. O., & Aleksandrov, A. V. (2016). About modeling of rheological properties of heavy oil suspensions. *Neftyanoe Khozyaystvo - Oil Industry*, (5), 68-70.

20. Aleksandrova, T. N., Aleksandrov, A. V., Nikolaeva, N. V., & Romashev, A. O. (2015). Noble and rare metals in caustobioliths and prospects of their recovery. *Journal of Mining Science*, 51(6), 1254-1261. DOI:10.1134/S1062739115060564