

Astafieva, M. M., and **V. V. Balaganskii**. "Keivy Paraschists (Archean-Early Proterozoic): Nanobacteria and Life." *Stratigraphy and Geological Correlation* 26, no. 3 (May 2018): 354-63. <https://dx.doi.org/10.1134/s0869593818030024>.

Buchko, I. V., A. A. Sorokin, A. A. Rodionov, and **N. M. Kudryashov**. "First Evidence of Middle Triassic Basic Magmatism in the Southwestern Part of the Dzhugdzhur-Stanovoi Superterrane (Ilikan Terrane)." *Doklady Earth Sciences* 479, no. 2 (Apr 2018): 448-51. <https://dx.doi.org/10.1134/s1028334x18040220>.

Elbaev, A. L., I. V. Gordienko, **T. B. Bayanova**, D. V. Gorokhovskiy, D. A. Orsoev, R. A. Badmatsyrenova, and O. V. Zarubina. "U-Pb Age and Geochemical Characteristics of Ultramafic-Mafic Rocks of the Dzhida Zone Ophiolite Association (Southwestern Transbaikalia)." *Doklady Earth Sciences* 478, no. 2 (Feb 2018): 208-10. <https://dx.doi.org/10.1134/s1028334x18020022>.

Gurin, G., Y. Ilyin, S. Nilov, D. Ivanov, E. **Kozlov**, and K. Titov. "Induced Polarization of Rocks Containing Pyrite: Interpretation Based on X-Ray Computed Tomography." *Journal of Applied Geophysics* 154 (Jul 2018): 50-63. <https://dx.doi.org/10.1016/j.jappgeo.2018.04.019>.

**Ivanyuk, G. Y.**, N. G. Konopleva, **V. N. Yakovenchuk**, **Y. A. Pakhomovsky**, T. L. Panikorovskii, **A. O. Kalashnikov**, V. N. Bocharov, **A. A. Bazai**, **J. A. Mikhailova**, and **P. M. Goryainov**. "Three-D Mineralogical Mapping of the Kovdor Phoscorite-Carbonatite Complex, Nw Russia: Iii. Pyrochlore Supergroup Minerals." *Minerals* 8, no. 7 (Jul 2018). <https://dx.doi.org/10.3390/min8070277>.

**Ivanyuk, G. Y.**, **Y. A. Pakhomovsky**, T. L. Panikorovskii, **J. A. Mikhailova**, **A. O. Kalashnikov**, **A. V. Bazai**, **V. N. Yakovenchuk**, N. G. Konopleva, and **P. M. Goryainov**. "Three-D Mineralogical Mapping of the Kovdor Phoscorite-Carbonatite Complex, Nw Russia: Ii. Sulfides." *Minerals* 8, no. 7 (Jul 2018). <https://dx.doi.org/10.3390/min8070292>.

Kolobov, V. V., M. B. Barannik, B. V. Efimov, **A. A. Zhamaletdinov**, **A. N. Shevtsov**, and Y. A. Kopytenko. "Energy-4 Generator for Monitoring Seismically Active Regions and Electromagnetic Sounding of the Earth's Crust. Experience of Application in the Kovdor-2015 Experiment." *Seismic Instruments* 54, no. 3 (May 2018): 268-80. <https://dx.doi.org/10.3103/s0747923918030143>.

Kruk, N. N., V. V. Golozubov, V. I. Kiselev, E. A. Kruk, S. N. Rudnev, **P. A. Serov**, S. A. Kasatkin, and E. Y. Moskalenko. "Paleozoic Granitoids of the Southern Part of the Voznesenka Terrane (Southern Primorye): Age, Composition, Melt Sources, and Tectonic Settings." *Russian Journal of Pacific Geology* 12, no. 3 (May 2018): 190-209. <https://dx.doi.org/10.1134/s1819714018030041>.

Lavrushin, V. Y., Y. G. Israfilov, B. G. Polyak, B. G. Pokrovsky, M. I. Bujakaite, and **I. L. Kamensky**. "Conditions of the Formation of Thermomineral Waters in the Talysh Fold

- Zone of the Lesser Caucasus (Azerbaijan) Based on Isotope-Geochemical Data (3ded Mu/4ded Mu, )." *Lithology and Mineral Resources* 53, no. 1 (Jan 2018): 53-75.  
<https://dx.doi.org/10.1134/s0024490217060050>.
- Mikhailova, J. A., G. Y. Ivanyuk, A. O. Kalashnikov, Y. A. Pakhomovsky, A. V. Bazai, T. L. Panikorovskii, V. N. Yakovenchuk, N. G. Konopleva, and P. M. Goryainov.** "Three-D Mineralogical Mapping of the Kovdor Phoscorite-Carbonatite Complex, Nw Russia: I. Forsterite." *Minerals* 8, no. 6 (Jun 2018).  
<https://dx.doi.org/10.3390/min8060260>.
- Mikhal'skii, E. V., N. V. Borovkov, N. A. Gonzhurov, M. A. Gogolev, S. A. Svetov, and **E. L. Kunakkuzin.** "Reconstruction of the Neoproterozoic-Cambrian Orogenesis in Princess Elisabeth Land (East Antarctica) from a Study of Granitic Rocks." *Geotectonics* 52, no. 4 (Jul 2018): 421-46. <https://dx.doi.org/10.1134/s0016852118040052>.
- Nedosekova, I. L., V. A. Koroteev, **T. B. Bayanova,** and B. V. Belyatsky. "Sources of Ore Substance of Carbonatite Complexes of the Ural Fold Belt: Rb-Sr and Sm-Nd Isotope Data." *Doklady Earth Sciences* 480, no. 2 (Jun 2018): 773-77.  
<https://dx.doi.org/10.1134/s1028334x18060156>.
- Nikolaeva, S. B.,** A. A. Nikonov, S. V. Shvarev, and M. V. Rodkin. "Detailed Paleoseismological Research on the Flank of the Lake Imandra Depression (Kola Region): New Approaches and Results." *Russian Geology and Geophysics* 59, no. 6 (Jun 2018): 697-708. <https://dx.doi.org/10.1016/j.rgg.2018.05.008>.
- Nivin, V. A., V. V. Pukha,** A. V. Lovchikov, and R. G. Rakhimov. "Features and Factors of Time Variations in Hydrogen Release at Lovozersky Rare-Metal Deposit (Kola Peninsula)." *Geochemistry International* 56, no. 7 (Jul 2018): 688-701.  
<https://dx.doi.org/10.1134/s0016702918070078>.
- Rodionov, A. A., I. V. Buchko, and **N. M. Kudryashov.** "Age, Mineralogical and Geochemical Features, and Tectonic Position of Gabbroids of the Dzhigdinskii Massif, Southeastern Environ of the North Asian Craton." *Russian Journal of Pacific Geology* 12, no. 3 (May 2018): 210-24. <https://dx.doi.org/10.1134/s1819714018030065>.
- Smirnov, V. N., K. S. Ivanov, Y. L. Ronkin, **P. A. Serov,** and A. Gerdes. "Sr, Nd, and Hf Isotope Composition of Rocks of the Reft Gabbro-Diorite-Tonalite Complex (Eastern Slope of the Middle Urals): Petrological and Geological Implications." *Geochemistry International* 56, no. 6 (Jun 2018): 495-508.  
<https://dx.doi.org/10.1134/s0016702918060101>.
- Sorokhtin, N. O., L. I. Lobkovsky, and **N. E. Kozlov.** "Ore Genesis Laws in Subduction Zones." *Oceanology* 58, no. 1 (Jan 2018): 107-15.  
<https://dx.doi.org/10.1134/s0001437018010137>.
- Steshenko, E. N.,** A. I. Nikolaev, **T. B. Bayanova,** S. V. Drogobuzhskaya, **V. V. Chashchin, P.**

- A. Serov, L. M. Lyalina, A. I. Novikov, and D. V. Elizarov.** "The Paleoproterozoic Kolvitsa Anorthosite Massif: New Data on the U-Pb Age (Id Tims) and Geochemical Features of Zircon." *Doklady Earth Sciences* 479, no. 1 (Mar 2018): 366-70. <https://dx.doi.org/10.1134/s1028334x18030224>.
- Svetlov, A., D. Makarov, **P. Pripachkin**, A. Usov, A. Potokin, and A. Goryachev. "Methods of Increasing the Recovery of Non-Ferrous Metals from the Low-Grade Copper-Nickel Ores for Heap Leaching." *Inzynieria Mineralna-Journal of the Polish Mineral Engineering Society*, no. 1 (Jan-Jun 2018): 173-77. <https://dx.doi.org/10.29227/im-2018-01-28>.
- Terekhov, E. N., Y. A. Morozov, V. F. Smolkin, **T. B. Baynova**, and T. F. Sherbakova. "Andesite-Basaltic Dike Magmatism in the Paleoproterozoic Rift System of the Kola Craton, Baltic Shield." *Doklady Earth Sciences* 479, no. 1 (Mar 2018): 328-34. <https://dx.doi.org/10.1134/s1028334x18030327>.
- Tkacheva, D. A., E. V. Mikhalsky, N. M. Sushchevskaya, **E. L. Kunakkuzin**, S. G. Skublov, and S. A. Sergeev. "Age and Geochemistry of the Cape Burks Gabbroids (Russkaya Station Area, West Antarctica)." *Geochemistry International* 56, no. 7 (Jul 2018): 628-50. <https://dx.doi.org/10.1134/s001670291807011x>.
- Tolstikhin, I. N.** "The Late Earth's Accretion: Processes and Materials." *Russian Journal of Earth Sciences* 18, no. 1 (Jan-Feb 2018). <https://dx.doi.org/10.2205/2018es000614>.
- Tolstikhin, I., S. Tarakanov, and M. Gannibal.** "Helium Diffusivity and Fluxes from a Sedimentary Basin (Permo-Carboniferous Trough, Northern Switzerland)." *Chemical Geology* 486 (May 2018): 40-49. <https://dx.doi.org/10.1016/j.chemgeo.2018.03.029>.
- Zaitsev, V. A., **D. V. Elizarov**, Y. V. Bychkova, V. G. Senin, and **T. B. Baynova.** "First Data on the Geochemistry and Age of the Kontay Intrusion in Polar Siberia." *Geochemistry International* 56, no. 3 (Mar 2018): 211-25. <https://dx.doi.org/10.1134/s0016702918030102>.
- Zhamaletdinov, A. A., A. N. Shevtsov, and T. G. Korotkova.** "Lunisolar Tides Influence on Electrical Conductivity of the Earth's Crust in the Territory of Kola Peninsula." *Izvestiya-Physics of the Solid Earth* 54, no. 3 (May 2018): 474-86. <https://dx.doi.org/10.1134/s1069351318030102>.
- Zolotarev, A. A., **E. A. Selivanova**, S. V. Krivovichev, **Y. E. Savchenko**, T. L. Panikorovskii, **L. M. Lyalina**, L. A. Pautov, and **V. N. Yakovenchuk.** "Shkatulkalite, a Rare Mineral from the Lovozero Massif, Kola Peninsula: A Re-Investigation." *Minerals* 8, no. 7 (Jul 2018). <https://dx.doi.org/10.3390/min8070303>.