

Сведения о ведущей организации:

ФГАОУ ВО «УрФУ имени первого Президента России Б.Н. Ельцина» (УрФУ)
ул. Мира, 19, Екатеринбург, 620002,
факс: +7 (343) 375-97-78;
тел.: +7(343) 375-38-84;
Контакт-центр: +7 (343) 375-44-44, 8-800-100-50-44 (бесплатный звонок)
эл. почта: rector@urfu.ru,
www.urfu.ru

Список публикаций работников

Уральского федерального университета имени первого Президента России Б.Н. Ельцина (УрФУ) по теме диссертации в рецензируемых научных изданиях за последние 5 лет

1. Chelyabinsk Airburst, Damage Assessment, Meteorite Recovery, and Characterization / Popova O. P., Jenniskens P., Emel'yanenko V., Kartashova A., Biryukov E., Khaibrakhmanov S., Shuvalov V., Rybnov Yu., Dudorov A., Grokhovsky V. I., Badyukov D. D., Qing-Zhu Yin, Gural P. S., Albers J., Granvik M., Evers L. G., Kuiper J., Kharlamov V., Solovyov A., Rusakov Yu. S., Korotkiy S., Serdyuk I., Korochantsev A. V., Larionov M. Yu., Glazachev D., Mayer A. E., Gisler G., Gladkovsky S. V., Wimpenny J., Sanborn M. E., Yamakawa A., Verosub K. L., Rowland D. J., Roeske S., Botto N. W., Friedrich J. M., Zolensky M. E., Loan Le, Ross D., Ziegler K., Tomoki Nakamura, Insu Ahn, Jong Ik Lee, Qin Zhou, Xian-Hua Li, Qiu-Li Li, Yu Liu, Guo-Qiang Tang, Takahiro Hiroi, Derek Sears, Weinstein I. A., Vokhmintsev A. S., Ishchenko A. V., Schmitt-Kopplin P., Hertkorn N., Keisuke Nagao, Haba M. K., Mutsumi Komatsu, Takashi Mikouchi // *Science*. – 2013. – V. 342, No. 6162. – P. 1069–1073.
2. Kohout T., Gritsevich M., Grokhovsky V. I., Yakovlev G.A., Haloda J., Halodova P., Michallik R.M., Penttilä A., Muinonen K. Mineralogy, reflectance spectra, and physical properties of the Chelyabinsk LL5 chondrite – insight into shock induced changes in asteroid regoliths // *Icarus*. – 2014. – V. 228. – P. 78-85.
3. Grokhovsky V. I., Kohout T., Gritsevich M., Koneva E. V. Physical Properties, Structure and Fracturing of the Chelyabinsk LL5 Meteorite Body. *Meteoritics & Planetary Science*. – 2014. – V. 49, № 1, Supplement: 77th Annual Meeting of the Meteoritical Society (Casablanca, 8–13 Sept 2014). – P. 5364.
4. Maksimova A. A., Oshtrakh M. I., Klencsár Z., Petrova E. V., Grokhovsky V. I., Kuzmann E., Homonnay Z., Semionkin V. A.. A Comparative Study of Troilite in Bulk Ordinary Chondrites Farmington L5, Tsarev L5 and Chelyabinsk LL5 Using Mössbauer Spectroscopy with a High Velocity Resolution. *Journal of Molecular Structure*. – 2014. – V. 1073, № C. – P. 196–201.
5. Bezaeva N.S., Demory F., Gattacceca J., Rochette P., Sadykov R.A., Gattacceca J., Gabriel T., Quesnel Y. The effect of hydrostatic pressure up to 1.61 GPa on the Morin transition of hematite-bearing rocks: Implications for planetary crustal magnetization // *Geophysical research letters*. – 2015. – V. 42, No. 23. – P. 188-196.
6. Oshtrakh M.I., Yakovlev G.A., Grokhovsky V.I., Semionkin V.A. Re-examination of Dronino iron meteorite and its weathering products using Mössbauer spectroscopy with a high velocity resolution // *Hyperfine Interaction*. – 2016. – V. 237, №1, P. 42.

7. Tagirov B.R., Trigub A.L., Kvashnina K.O., Shiryaev A. A., Chareev D.A., Nickolsky M.S., Abramova V.D., Kovalchuk E.V. Covellite CuS as a matrix for "invisible" gold: X-ray spectroscopic study of the chemical state of Cu and Au in synthetic minerals // *Geochimica et Cosmochimica Acta*. 2016. – V. 191. – P. 58-69.
8. Муфтахетдинова Р.Ф., Гроховский В.И., Козлов Е.А., Хомская И.В., Яковлев Г.А. Фазовое $\alpha \rightarrow \varepsilon$ превращение в сплаве Fe-Ni метеоритного происхождения под действием ударно-волновой нагрузки // *Журнал технической физики*. – 2016. – Т. 86, №. 12. – С. 73-77.
9. Goryunov M.V., Yakovlev G.A., Chukin A.V., Grokhovsky V.I., Semionkin V.A., Oshtrakh M.I. Iron meteorites and their weathering products: high velocity resolution Mossbauer spectroscopy of the iron-bearing minerals // *European Journal of Mineralogy*. – 2016. – V. 28, No. 3. – P. 601-610.
10. Votyakov, S.L., Pribavkin, S.V., Zamyatin, D.A.. Chemical dating of zircon from granitic pegmatite of the Shartash Massif (Central Urals) // *Doklady Earth Sciences*. – 2016. – V. 470, No. 1. – P. 938-941.
11. Bezaeva N. S., Swanson-Hysell N. L., Tikoo S. M., Badyukov D. D., Kars M., Egli R., Chareev D. A., Fairchild L. M., Khakhalova E., Strauss B. E., Lindquist A. K. The effects of 10 to > 160 GPa shock on the magnetic properties of basalt and diabase // *Geochemistry Geophysics Geosystems*. – 2016. – V. 17, No. 11. – P. 4753-4771.
12. Zamyatin D.A., Shchapova Y.V., Votyakov S.L., Nasdala L., Lenz C. Alteration and chemical U-Th-total Pb dating of heterogeneous high-uranium zircon from a pegmatite from the Aduiskii massif, middle Urals, Russia // *Mineralogy and Petrology*. – 2017. – V. 111, No. 4. – P. 475-497.
13. Chareev D.A., Osadchii V.O., Shiryaev A.A., Nekrasov A.N., Koshelev A.V., Osadchii E.G. Single-crystal Fe-bearing sphalerite: synthesis, lattice parameter, thermal expansion coefficient and microhardness // *Physics and Chemistry of Minerals*. – 2017. – V. 44, No. 4. – P. 287-296.
14. Sharygin V.V., Doroshkevich A.G. Mineralogy of secondary olivine-hosted inclusions in calcite carbonatites of the Belaya Zima alkaline complex, Eastern Sayan, Russia: Evidence for late-magmatic Na-Ca-rich carbonate composition // *Journal of the Geological Society of India*. – 2017. – V. 90, No. 5. – P. 524-530.
15. Kohout T., Haloda J., Halodova P., Meier M.M.M., Maden C., Busemann H., Laubenstein M., Caffee M.W., Welten K.C., Hopp J., Trieloff M., Mahajan R.R., Naik S., Trigo-Rodriguez J.M., Moyano-Cambero C.E., Oshtrakh M.I., Maksimova A.A., Chukin A.V., Semionkin V.A., Karabanalov M.S., Felner I., Petrova E.V., Brusnitsyna E.V., Grokhovsky V.I., Yakovlev G.A., Gritsevich M., Lyytinen E., Moilanen J., Kruglikov N.A., Ishchenko A.V. Annama H chondrite-Mineralogy, physical properties, cosmic ray exposure, and parent body history // *Meteoritics & Planetary Science*. – 2017. – V. 52, № 8. – P. 1525-1541.