

Список публикаций лаборатории метеоритики
(2003 г)

1. Назаров М.А., Бадюков Д.Д., Лоренц К.А., Демидова С.И. Поток лунных метеоритов на Землю. Астрономический Вестник, 2003, т.37, № 6, с.1-10.
2. Anand M., Taylor L. A., Misra K. C. Demidova S. I. and Nazarov M. A. KREEPy lunar meteorite Dhofar 287A: A new lunar mare basalt. Meteoritics & Planetary Sciences, 2003, v.38, no.4, p.485-499.
3. Anand M., Taylor L., Nazarov M., Patchen A. Petrologic Comparisons of lunar mare basalt meteorites Dh-287A and NWA 032. Lunar Planet. Sci. XXXIV, 2003, #1787 (CD-ROM).
4. Anand M., Taylor L., Nazarov M., Shu J., Mao H-K., Hemley R. New lunar mineral hapkeite: Product of impact-induced vapor-phase deposition in the regolith? Lunar Planet. Sci. XXXIV, 2003, #1818 (CD-ROM).
5. Badjukov D. D. and Ritala J. Micrometeorites from the northern ice cap of the Novaya Zemlya archipelago, Russia: The first occurrence. Meteoritics and Planetary Sciences, 2003, v.38, no.3, p.329-340.
6. Badjukov D., Brandstaetter F., Ivanova M., Korochantsev A., Kurat G., Lorents C., Nazarov M., Ntaflos Th., Raitala J., Sadilenko D. The Smerdyachee lake: A possible impact crater near Moscow, Russia. Lunar Planet. Sci. XXXIV, 2003, #1566 (CD-ROM).
7. Brandstaetter F., Nazarov M., Kurat G. Barringerite from the Santa Catharina ungrouped iron meteorite. Lunar Planet. Sci. XXXIV, 2003, #1681 (CD-ROM).
8. Demidova S. I., Nazarov M. A., Anand M. and Taylor L. A. Lunar regolith breccia Dhofar 287B: A record of lunar volcanism. Meteoritics & Planetary Sciences, 2003, v.38, no.4, p.501-514.
9. Demidova S., Nazarov M., Taylor L., Patchen A. Dhofar 304, 305,306 and 307: New lunar highland meteorites from Oman. Lunar Planet. Sci. XXXIV, 2003, #1285 (CD-ROM).
10. Demidova S.I., Nazarov M.A., Kurat G., Brandstätter F., Ntaflos T. Lunar meteorite Dhofar 310: A polymict breccia with deep-seated lunar crustal material. Meteoritics & Planetary Sciences, 2003, v.38, Suppl., p.A30.
11. Ivanov A.V., Kononkova N.N., Yang S.V., Zolensky M.E. The Kaidun meteorite: Clasts of alkaline-rich fractionated materials. Meteoritics & Planetary Sciences, 2003, v.38, no.5, p.725-737.

12. Ivanov A., Zolensky M. The Kaidun meteorite: Where did it come from? *Lunar Planet. Sci.* XXXIV, 2003, #1236 (CD-ROM).
13. Ivanova M., Nazarov M., Clayton R., Mayeda T., Taylor L. Sayh al Uhaymir 085, CV3 chondrite: Mineralogical links with CK chondrites. *Lunar Planet. Sci.* XXXIV, 2003, #1226 (CD-ROM).
14. Ivanova M.A., Nazarov M.A., Taylor L.A., Mayeda T.K., Clayton R.N. Aqueous alteration and heating events of anomalous CM chondrites. *Meteoritics & Planetary Sciences*, 2003, v.38, Suppl., p.A28.
15. Korochantsev A.V., Sadilenko D.A., Ivanova M.A., Lorenz C.A., Zabalueva E.V. A study of the fragment dispersal and trajectory of the Sayh al Uhaymir 001 meteorite shower. *Meteoritics & Planetary Sciences*, 2003, v.38, Suppl., p.A32.
16. Korotchantseva E., Ivanova M., Lorenz C., Bouikine A., Trieloff M., Nazarov M., Promprated P., Anand M., Taylor L. Major and trace element chemistry and Ar-Ar age of the NWA 011 achondrite. *Lunar Planet. Sci.* XXXIV, 2003, #1575 (CD-ROM).
17. Korotchantseva E.V., Bouikine A.I., Nazarov M.A., Trieloff M. ^{40}Ar - ^{39}Ar ages of mineral separates of eucrites Dho 300 and Dho 007. *Meteoritics & Planetary Sciences*, 2003, v.38, Suppl., p.A27.
18. Lorenz C., Kurat G., Brandstaetter F. and Nazarov M. NWA 1235: A phlogopite-bearing enstatite meteorite. *Lunar Planet. Sci.* XXXIV, 2003, #1211 (CD-ROM).
19. Lorenz C.A., Ivanova M.A., Nazarov M.A., Taylor L.A., Mayeda T.K., Clayton R.N. A new primitive ungrouped achondrite, Dhofar 500: Link to winonaites and silicate inclusions from IAB-IIICD irons. *Meteoritics & Planetary Sciences*, 2003, v.38, Suppl., p.A30.
20. Nazarov M., Demidova S., Taylor L. Trace element chemistry of lunar highland meteorites from Oman. *Lunar Planet. Sci.* XXXIV, 2003, #1636 (CD-ROM).
21. Ohman T., Badjukov D., Raitala J., Petrova T., Stehlik H. Impactites of the Paasselka and Suvasvesi south craters, Finland. *Lunar Planet. Sci.* XXXIV, 2003, #1571 (CD-ROM).
22. Promprated P., Taylor L., Anand M., Rumble III D., Korotchantseva E., Ivanova M., Lorentz C., Nazarov M. Petrology and oxygen isotopic compositions of anomalous achondrite NWA 011. *Lunar Planet. Sci.* XXXIV, 2003, #1757 (CD-ROM).
23. Raitala J., Ojala K., Ohman T., Badjukov D. and Lorenz C. Kara crater by remote sensing. *Lunar Planet. Sci.* XXXIV, 2003, #1057 (CD-ROM).
24. Zolensky M., Ivanov A. The Kaidun microbreccia meteorite: A harvest from the inner and outer asteroid belt. *Chemie der Erde*, 2003, no.4, p.185-247.