

1. Kubankin, A.S., Chepurnov, A.S., Ivashchuk, O.O., (...), Oleinik, A.N., Shchagin, A.V. / Optimal speed of temperature change of a crystal in a pyroelectric X-ray radiation source / AIP Advances -2018 -8(3),035207
2. Aalseth, C.E., Acerbi, F., Agnes, P., (...), Zullo, A., Zuzel, G. / DarkSide-20k: A 20 tonne two-phase LAr TPC for direct dark matter detection at LNGS /European Physical Journal Plus – 2018- 133(3),131
3. Vokhmyanina, K.A., Sotnikova, V.S., Kaplii, A.A., Sotnikov, A.V., Kubankin, A.S./ About a contactless transmission of 10 keV electrons through tapering microchannels / Journal of Instrumentation – 2018- 13(2),C02048
4. Chepurnov, A.S., Ionidi, V.Y., Ivashchuk, O.O., (...), Shchagin, A.V., Zhukova, P.N. / Compact neutron generator with nanotube ion source /Journal of Instrumentation – 2018-13(2),C02035
5. Alekseev, V.I., Eliseyev, A.N., Irribarra, E., (...), Nazhmudinov, R.M., Zhukova, P.N./ Evolution of the characteristics of Parametric X-ray Radiation from textured polycrystals under different observation angles / Physics Letters, Section A: General, Atomic and Solid State Physics – 2018-382(7), P. 503-506
6. Shchagin, A.V., Volkov, V.I., Miroshnik, V.S., Kubankin, A.S., Oleinik, A.N. / Properties of a Ceramic Pyroelectric X-Ray Generator as Dependent on Residual-Gas Pressure/ Technical Physics Letters -2018- 44(1), P. 47-49
7. Osedlo, V.I., Sadovnichii, V.A., Panasyuk, M.I., (...), Park, I., Ogly Samedov, A.S. / Multi-satellite project “universat-socrat” for natural and artificial hazards monitoring/ Advances in the Astronautical Sciences -2018-163, P. 45-52
8. Agnes, P., Albuquerque, I.F.M., Alexander, T., (...), Zhu, C., Zuzel, G. / DarkSide-50 532-day dark matter search with low-radioactivity argon / Physical Review D - 2018- 98(10),102006
9. Agnes, P., Albuquerque, I.F.M., Alexander, T., (...), Zichichi, A., Zuzel, G. / Low-mass dark matter search with the DarkSide-50 experiment/Physical Review Letters -2018 -121(8),081307
10. Agnes, P et. all. Electroluminescence pulse shape and electron diffusion in liquid argon measured in a dual-phase TPC // Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment. - 2018. - V. 904. – P.23-34
11. Nazhmudinov, R.M., Kubankin, A.S., Karataev, P.V., Kishin, I.A., Vukolov, A.V. Potylitsyn, A.P., Zhukova, P.N., Nasonova, V.A. A multi-wirescanner test setup utilizing characteristic X-rays for charged particle and photon beam diagnostics //Journal of Instrumentation – 2019. - V. 13. - I. 12.
12. M.B. Gromov, A.S. Kubankin, V.Y. Ionidi, A.A. Kaplii, M.A. Kirsanov, A.A. Klenin, D.A. Kolesnikov, A.N. Oleinik, A.S. Chepurnov, A.V. Shchagin, Numerical Simulation of Radiation Anisotropy of the Pyroelectric Neutron Generator// Moscow University Physics Bulletin – 2019. – V.74. – I. 2. – P. 144-148.
13. V.I. Alekseev, A.N. Eliseyev, E. Irribarra, I.A. Kishin, A.S. Klyuev, A.S. Kubankin, R.M. Nazhmudinov, S.V. Trofymenko, P.N. Zhukova, Parametric X-ray radiation from powders // Physics Letters, Section A: General, Atomic and Solid State Physics – 2019. – V. 383. – I. 8. – P. 770-773

- 14.S. Sanfilippo, P. Agnes, I.F. Albuquerque et. all. DarkSide status and prospects // Nuovo Cimento della Societa Italiana di Fisica C – 2019. – V. 42. – P. 2-3.
- 15.Kiryanov M.A., Klimanov S.G., Nazarov I.V., Chepurnov A.S., Kubankin A.S. Separation of signals from neutrons and gamma quanta by the method of normalized signals // Journal of Physics: Conference Series, 2020, 1690(1), 012057
- 16.Trofymenko S.V., Nazhmadinov R.M., Shchagin A.V., Diener R., Novokshonov A. Formation region effects in x-ray transition radiation from 1 to 6 GeV electrons in multilayer targets // Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms, 2020, 476, P. 44–51
- 17.Vokhmyanina K.A., Kubankin A.S., Myshelovka L.V., Sotnikova V.S., Zhukova M.A. Transport of accelerated electrons through dielectric nanochannels in PET films // Journal of Instrumentation, 2020, 15(4), C04003
- 18.Vokhmyanina K.A., Myshelovka L.V., Kolesnikov D.A., Zhukova P.N., Ionidi V.Y. Passage of 10-keV Electrons through a Bundle of Dielectric Channels // Technical Physics Letters, 2021, 47(1), P. 31–34