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1. Vinitskiy, E. A., Ulasevich, D. L., Prishvitsyn, A. S., Efimov, N. E., Khayrutdinov, R. R., & Krat, S. A. // Optimization of the Toroidal Magnetic Coil System for the Small Spherical Tokamak MPhIST-0. Fusion Science and Technology, 2025, 81(5), 485–494. <https://doi.org/10.1080/15361055.2024.2431782>

2. N. E. Efimov, I. G. Grigoryeva, A. A. Makarov, S. A. Krat, A. S. Prishvitsyn, A. I. Alieva, A. S. Savelov, D. L. Kirko & G. Kh. Salakhutdinov // Measuring the Spectrum of the Soft Component of X-Ray Plasma Radiation at the MIFIST-0 Tokamak. Instrum Exp Tech, 2023, 66, 257–262. <https://doi.org/10.1134/S0020441223020148>

3. E A Vinitskiy, N E Efimov, A S Prishvitsyn, I A Sorokin and S A Krat // Vertical stray field measurements using an electron beam in the MPhIST-0 tokamak, 2024 Plasma Phys. Control. Fusion **66** 015004

4. N. Efimov, F. Podolyako, A. Prishvitsyn, S. Krat // MPhIST-0 integrated control and data acquisition system, Fusion Engineering and Design, Volume 196, November 2023, 113990

5. Krat, S., A. Prishvitsyn, A. Alieva, N. Efimov, E. Vinitskiy, D. Ulasevich, A. Izarova, F. Podolyako, A. Belov, A. Meshcheryakov, J. Ongena, N. Kharchev, A. Chernenko, R. Khayrutdinov, V. Lukash, D. Sinelnikova, D. Bulgadaryan, I. Sorokin, K. Gubskiy, A. Kaziev, D. Kolodko, V. Tumarkin, A. Isakova, A. Grunin, L. Begrambekov, R. Voskoboinikov & A. Melnikov // MPhIST-0 Tokamak for Education and Research. Fusion Science and Technology, 2023. 79(4), 446–464. <https://doi.org/10.1080/15361055.2022.2149033>

6. Krat, S.A., A. S. Prishvitsyn, A. I. Alieva, N. E. Efimov, E. A Vinitskiy, D. G. Bulgadaryan, G. M. Vorobyov & V. A. Kurnaev // MPhIST-0 Tokamak Toroidal Magnetic Field System. Phys. Atom. Nuclei, 2021 **84**, 1995–2003. <https://doi.org/10.1134/S1063778821120024>