Shaikhislamov I F, et al. "Laboratory model of magnetosphere created by strong plasma perturbation with frozen-in magnetic field." Plasma Physics and Controlled Fusion 56.12, 2014

Shaikhislamov I F, et al. Experimental study of collisionless super-Alfvénic interaction of interpenetrating plasma flows." Plasma Physics Reports 41.5, 2015

Shaikhislamov I F, et al. "Mini-magnetosphere: Laboratory experiment, physical model and Hall MHD simulation." Advances in Space Research 52.3, 2013

Shaikhislamov I F, et al. "Experimental study of a mini-magnetosphere." Plasma Physics and Controlled Fusion 56.2, 2014

Shaikhislamov I F, et al. "West–east asymmetry of a mini-magnetosphere induced by Hall effects." Plasma Physics and Controlled Fusion 57.7, 2015

Antonov V M, et al. "Inflation of a dipole field in laboratory experiments: Toward an Understanding of magnetodisk formation in the magnetosphere of a hot Jupiter." The Astrophysical Journal 769.1, 2013

Shaikhislamov I F, et al. "Atmosphere expansion and mass loss of close-orbit giant exoplanets heated by stellar XUV. I. Modeling of hydrodynamic escape of upper atmospheric material." The Astrophysical Journal 795.2, 2014

Khodachenko M L, et al. "Atmosphere Expansion and Mass Loss of Close-orbit Giant Exoplanets Heated by Stellar XUV. II. Effects of Planetary Magnetic Field; Structuring of Inner Magnetosphere." The Astrophysical Journal 813.1, 2015

Shaikhislamov I. F., et al. «Two regimes of interaction of a Hot Jupiter's escaping atmosphere with the stellar wind and generation of energized atomic hydrogen corona» The Astrophysical Journal, v 832, N 2, 2016

Khodachenko, M. L., et al. Lyα Absorption at Transits of HD 209458b: A Comparative Study of Various Mechanisms Under Different Conditions. The Astrophysical Journal, 847(2), 126, 2017