

Публикации официального оппонента Петросяна А.С.

1. Galstyan T.V., Koshkina D.A., Klimachkov D.A., **Petrosyan A.S.**, «A Theory of Large-Scale Flows of Rotating Partially Ionized Space and Astrophysical Plasma in the Approximation of Hall Magnetohydrodynamics», 2024, *PIPhR*, 50, 1165.
2. Yudenkova M.A., Klimachkov D.A., **Petrosyan A.S.**, «Large-Scale Hydrodynamic Flows in Media with Variable Thermodynamic Characteristics», 2024, *PIPhR*, 50, 724.
3. Fedotova M.A., Klimachkov D.A., **Petrosyan A.S.**, «Wave Processes in Plasma Astrophysics», 2023, *PIPhR*, 49, 303.
4. Fedotova M., Klimachkov D., **Petrosyan A.**, «Resonant interactions of magneto-Poincare and magneto-Rossby waves in quasi-two-dimensional rotating astrophysical plasma», 2022, *MNRAS*, 509, 314.
5. Fedotova M., Klimachkov D., **Petrosyan A.**, «Variable Density Flows in Rotating Astrophysical Plasma. Linear Waves and Resonant Phenomena», 2021, *Universe*, 7, 87.
6. **Petrosyan A.**, Klimachkov D., Fedotova M., Zinyakov T., «Shallow Water Magnetohydrodynamics in Plasma Astrophysics. Waves, Turbulence, and Zonal Flows», 2020, *Atmosphere*, 11, 314.
7. Sirazov R.A., **Petrosyan A.S.**, «Nonlinear Transformations of the Kinetic and Magnetic Energies in Rotating Magnetohydrodynamic Turbulent Flows», 2019, *JETPL*, 110, 329.
8. Klimachkov D.A., **Petrosyan A.S.**, «Parametric instabilities in shallow water magnetohydrodynamics of astrophysical plasma in external magnetic field», 2017, *Physics Letters A*, 381, 106.
9. Miesch M., Matthaeus W., Brandenburg A., **Petrosyan A.**, Pouquet A., Cambon C., Jenko F., et al., «Large-Eddy Simulations of Magnetohydrodynamic Turbulence in Heliophysics and Astrophysics», 2015, *Space Science Reviews*, 194, 97.
10. Chernyshov A.A., Karelsky K.V., **Petrosyan A.S.**, «Subgrid-scale modeling for the study of compressible magnetohydrodynamic turbulence in space plasmas», 2014, *Physics Uspekhi*, 57, 421-452.