

# Sergey Maslov

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On the transverse dielectric permittivity of the collisionless plasmas with quantum effects. Physics of Plasmas, 2018, 25, .	1.9	7
2	Electromagnetic mechanisms of forming a tornado-like whirlwind. Moscow University Mechanics Bulletin, 2014, 69, 29-34.	0.3	4
3	Effect of the atmospheric electric field under a thundercloud on tornado funnel formation. Moscow University Mechanics Bulletin, 2017, 72, 23-27.	0.3	4
4	Primordial plasma: influence of non-ideality on equilibrium radiation. Physica Scripta, 2021, 96, 015605.	2.5	3
5	Electric mechanisms of vorticity amplification in the funnel of a tornado. Moscow University Mechanics Bulletin, 2015, 70, 149-152.	0.3	2
6	Influence of the electron intrinsic magnetic moment on the transverse dielectric permittivity of degenerate electron gas. Journal of Physics: Conference Series, 2018, 946, 012125.	0.4	2
7	High-frequency spectral density of equilibrium radiation and zero oscillations in the presence of electron gas. Physics of Plasmas, 2022, 29, .	1.9	2
8	Role of Electromagnetic Mechanisms in Downburst and Tornado Formation. Springer Proceedings in Earth and Environmental Sciences, 2019, , 344-358.	0.4	1
9	Algorithm for Determining the Economic Purchase Size in the Conditions of the Demand Volatility. Journal of Advanced Research in Dynamical and Control Systems, 2020, 12, 1129-1138.	0.2	1
10	Application of the Haar Wavelet to the Analysis of Plasma and Atmospheric Fluctuations. Physics of Atomic Nuclei, 2017, 80, 1692-1696.	0.4	0