

# Oleksandr Koshkarov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2843091/publications.pdf>

Version: 2024-02-01

8  
papers

165  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid theory and simulations of instabilities, turbulent transport and coherent structures in partially-magnetized plasmas of $\mathbf{E} \times \mathbf{B}$ discharges. Plasma Physics and Controlled Fusion, 2017, 59, 014041.	2.1	83
2	Current flow instability and nonlinear structures in dissipative two-fluid plasmas. Physics of Plasmas, 2018, 25, .	1.9	21
3	Self-Organization, Structures, and Anomalous Transport in Turbulent Partially Magnetized Plasmas with Crossed Electric and Magnetic Fields. Physical Review Letters, 2019, 122, 185001.	7.8	21
4	Ion sound instability driven by the ion flows. Physics of Plasmas, 2015, 22, 052113.	1.9	15
5	The multi-dimensional Hermite-discontinuous Galerkin method for the Vlasov–Maxwell equations. Computer Physics Communications, 2021, 264, 107866.	7.5	10
6	Nonlinear structures of lower-hybrid waves driven by the ion beam. Physics of Plasmas, 2018, 25, .	1.9	7
7	Simulation of equilibrium and transport in advanced FRCS. Nuclear Fusion, 2021, 61, 106038.	3.5	6
8	Nonlinear damping of zonal flows. Plasma Physics Reports, 2016, 42, 769-772.	0.9	1