

Oleksandr Koshkarov

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

165
citations

1478505

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1474206

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9
times ranked

165
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | The multi-dimensional Hermite-discontinuous Galerkin method for the Vlasov–Maxwell equations. Computer Physics Communications, 2021, 264, 107866. | 7.5 | 10 |
| 2 | Simulation of equilibrium and transport in advanced FRCS. Nuclear Fusion, 2021, 61, 106038. | 3.5 | 6 |
| 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 | Current flow instability and nonlinear structures in dissipative two-fluid plasmas. Physics of Plasmas, 2018, 25, . | 1.9 | 21 |
| 5 | Nonlinear structures of lower-hybrid waves driven by the ion beam. Physics of Plasmas, 2018, 25, . | 1.9 | 7 |
| 6 | 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 |
| 7 | Nonlinear damping of zonal flows. Plasma Physics Reports, 2016, 42, 769-772. | 0.9 | 1 |
| 8 | Ion sound instability driven by the ion flows. Physics of Plasmas, 2015, 22, 052113. | 1.9 | 15 |