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List of Publications by Year
in descending order

13 papers	57 citations	1684188 5 h-index	1588992 8 g-index
13 all docs	13 docs citations	13 times ranked	14 citing authors

#	Article	IF	Citations
1	Quadratic helicities and the energy of magnetic fields. Proceedings of the Steklov Institute of Mathematics, 2012, 278, 10-21.	0.3	13
2	Hypermagnetic helicity flux in the nuclei of a new phase in the electroweak phase transition. JETP Letters, 2010, 91, 215-218.	1.4	8
3	Minimum quadratic helicity states. Journal of Plasma Physics, 2018, 84, .	2.1	6
4	Magnetic helicity flux for mean magnetic field equations. Theoretical and Mathematical Physics(Russian Federation), 2020, 204, 947-956.	0.9	6
5	Dispersion of the Arnold's Asymptotic Ergodic Hopf Invariant and a Formula for Its Calculation. Arnold Mathematical Journal, 2020, 6, 199-211.	0.4	6
6	On Arnold's Problem on Higher Analogs of the Asymptotic HOPF Invariant. Journal of Mathematical Sciences, 2015, 208, 24-35.	0.4	5
7	Higher helicity invariants and solar dynamo. Geomagnetism and Aeronomy, 2017, 57, 113-118.	0.8	4
8	On the Number of the Classes of Topological Conjugacy of Pixton Diffeomorphisms. Qualitative Theory of Dynamical Systems, 2021, 20, 1.	1.7	4
9	On a higher integral invariant for closed magnetic lines, revisited. Journal of Geometry and Physics, 2021, 170, 104379.	1.4	2
10	Knot Invariants in Geodesic Flows. Proceedings of the Steklov Institute of Mathematics, 2020, 308, 42-55.	0.3	1
11	Topological meaning of the slope of the Kolmogorov spectrum of magnetic turbulence. Theoretical and Mathematical Physics(Russian Federation), 2021, 209, 1620-1632.	0.9	1
12	Topological meaning of the slope of the Kolmogorov spectrum of magnetic turbulence: M5-invariant of magnetic lines and its combinatorial formula. Journal of Geometry and Physics, 2022, 178, 104583.	1.4	1
13	Classification of Harmonic Functions in the Exterior of a Unit Sphere and Its Application to the Description of the External Magnetic Field of the Earth. Geomagnetism and Aeronomy, 2019, 59, 752-760.	0.8	0