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List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

260
citations

840776

11
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	The on-axis magnetic well and Mercier's criterion for arbitrary stellarator geometries. Journal of Plasma Physics, 2021, 87, .	2.1	2
2	Edge turbulence in ISTTOK: a multi-code fluid validation. Plasma Physics and Controlled Fusion, 2021, 63, 055013.	2.1	8
3	Ion-temperature-gradient stability near the magnetic axis of quasisymmetric stellarators. Plasma Physics and Controlled Fusion, 2021, 63, 074002.	2.1	3
4	Development of advanced linearized gyrokinetic collision operators using a moment approach. Journal of Plasma Physics, 2021, 87, .	2.1	11
5	SIMSOPT: A flexible framework for stellarator optimization. Journal of Open Source Software, 2021, 6, 3525.	4.6	39
6	The use of near-axis magnetic fields for stellarator turbulence simulations. Plasma Physics and Controlled Fusion, 2021, 63, 014001.	2.1	10
7	Magnetic well and Mercier stability of stellarators near the magnetic axis. Journal of Plasma Physics, 2020, 86, .	2.1	14
8	Four-dimensional drift-kinetic model for scrape-off layer plasmas. Physics of Plasmas, 2020, 27, 112502.	1.9	1
9	Construction of quasisymmetric stellarators using a direct coordinate approach. Nuclear Fusion, 2020, 60, 076021.	3.5	15
10	A gyrokinetic model for the plasma periphery of tokamak devices. Journal of Plasma Physics, 2020, 86, .	2.1	26
11	Near-axis expansion of stellarator equilibrium at arbitrary order in the distance to the axis. Journal of Plasma Physics, 2020, 86, .	2.1	20
12	Nonlinear gyrokinetic Coulomb collision operator. Journal of Plasma Physics, 2019, 85, .	2.1	16
13	Linear theory of electron-plasma waves at arbitrary collisionality. Journal of Plasma Physics, 2019, 85, .	2.1	12
14	Quasilinear approach to ray tracing in weakly turbulent, randomly fluctuating media. Physical Review A, 2018, 98, .	2.5	0
15	Theory of the Drift-Wave Instability at Arbitrary Collisionality. Physical Review Letters, 2018, 121, 165001.	7.8	15
16	A drift-kinetic analytical model for scrape-off layer plasma dynamics at arbitrary collisionality. Journal of Plasma Physics, 2017, 83, .	2.1	28
17	Superradiance of rotating cohomogeneity-1 black holes: Scalar case. , 2017, , .		0
18	Plasma turbulence in the scrape-off layer of the ISTTOK tokamak. Physics of Plasmas, 2016, 23, 102511.	1.9	8

#	ARTICLE	IF	CITATIONS
19	Greybody factors for rotating black holes in higher dimensions. Classical and Quantum Gravity, 2015, 32, 065008.	4.0	27
20	Indefinite theta functions and black hole partition functions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	5