

Deng Zhou

List of Publications by Year in descending order

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24
papers

184
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1163117

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26
docs citations

26
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic geodesic acoustic modes in tokamak plasmas. <i>Physics of Plasmas</i> , 2007, 14, .	1.9	45
2	Excitation of internal kink mode by barely trapped suprathermal electrons. <i>Physics of Plasmas</i> , 2005, 12, 092507.	1.9	18
3	Numerical study of Alfvén eigenmodes in the Experimental Advanced Superconducting Tokamak. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	18
4	Kinetic effect of toroidal rotation on the geodesic acoustic mode. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	14
5	Zonal flow modes in a tokamak plasma with dominantly poloidal mean flows. <i>Physics of Plasmas</i> , 2010, 17, 102505.	1.9	13
6	A local noncircular equilibrium model and its application to residual zonal flow calculations. <i>Physics of Plasmas</i> , 2011, 18, 052505.	1.9	11
7	Simulation of fast-ion-driven Alfvén eigenmodes on the Experimental Advanced Superconducting Tokamak. <i>Physics of Plasmas</i> , 2016, 23, 022505.	1.9	9
8	A novel local equilibrium model for shaped tokamak plasmas. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	8
9	The magnetic component of geodesic acoustic modes in tokamak plasmas with a radial equilibrium electric field. <i>Physics of Plasmas</i> , 2016, 23, 102503.	1.9	8
10	Geodesic acoustic modes in tokamak plasmas with a radial equilibrium electric field. <i>Physics of Plasmas</i> , 2015, 22, 092504.	1.9	7
11	Influence of the poloidal equilibrium flow and flow shear on the tearing mode instabilities in tokamak plasmas. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	7
12	Sawtooth stabilization by barely trapped energetic electrons. <i>Physics of Plasmas</i> , 2005, 12, 062512.	1.9	4
13	The residual zonal flow in tokamak plasmas toroidally rotating at arbitrary velocity. <i>Physics of Plasmas</i> , 2014, 21, 082508.	1.9	4
14	High frequency fishbones excited by near perpendicular neutral beam injection. <i>Physics of Plasmas</i> , 2006, 13, 072511.	1.9	3
15	Geodesic acoustic modes in tokamak plasmas with anisotropic distribution and a radial equilibrium electric field. <i>Plasma Science and Technology</i> , 2018, 20, 085101.	1.5	3
16	Simulations of toroidal Alfvén eigenmode excited by fast ions on the Experimental Advanced Superconducting Tokamak. <i>Physics of Plasmas</i> , 2018, 25, 052503.	1.9	3
17	Tearing modes stabilized by sawtooth activity. <i>Physics of Plasmas</i> , 2018, 25, 112504.	1.9	1
18	Numerical simulation of the multiple reversed shear Alfvén eigenmodes associated with the triangularity Alfvén gap. <i>Chinese Physics B</i> , 2018, 27, 125202.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Numerical simulation of the multiple core localized low shear toroidal Alfvénic eigenmodes. AIP Advances, 2018, 8, 035104.	1.3	1
20	On the multiplicity of axisymmetric Alfvén continuous spectra in tokamaks. Physics of Plasmas, 2020, 27, 032504.	1.9	1
21	A self-consistent local equilibrium model and its application to calculation of the trapped electron precession. Physica Scripta, 2021, 96, 105603.	2.5	1
22	Axisymmetric Alfvén modes induced by energetic particles in tokamak plasmas. Physics of Plasmas, 2022, 29, 042502.	1.9	1
23	The electromagnetic waves propagating parallel to the magnetic field in a uniform magnetized plasma with a transverse electric field. Physica Scripta, 2021, 96, 045605.	2.5	0
24	Effect of poloidal equilibrium flow and pressure gradient on the $m/n = 2/1$ tearing mode. Nuclear Fusion, 0, , .	3.5	0