

Deng Zhou

List of Publications by Year in descending order

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times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Axisymmetric Alfvén modes induced by energetic particles in tokamak plasmas. <i>Physics of Plasmas</i> , 2022, 29, 042502.	1.9	1
2	The electromagnetic waves propagating parallel to the magnetic field in a uniform magnetized plasma with a transverse electric field. <i>Physica Scripta</i> , 2021, 96, 045605.	2.5	0
3	A self-consistent local equilibrium model and its application to calculation of the trapped electron precession. <i>Physica Scripta</i> , 2021, 96, 105603.	2.5	1
4	On the multiplicity of axisymmetric Alfvén continuous spectra in tokamaks. <i>Physics of Plasmas</i> , 2020, 27, 032504.	1.9	1
5	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
6	Tearing modes stabilized by sawtooth activity. <i>Physics of Plasmas</i> , 2018, 25, 112504.	1.9	1
7	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
8	Numerical simulation of the multiple core localized low shear toroidal Alfvénic eigenmodes. <i>AIP Advances</i> , 2018, 8, 035104.	1.3	1
9	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
10	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
11	Simulation of fast-ion-driven Alfvén eigenmodes on the Experimental Advanced Superconducting Tokamak. <i>Physics of Plasmas</i> , 2016, 23, 022505.	1.9	9
12	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
13	Geodesic acoustic modes in tokamak plasmas with a radial equilibrium electric field. <i>Physics of Plasmas</i> , 2015, 22, 092504.	1.9	7
14	Kinetic effect of toroidal rotation on the geodesic acoustic mode. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	14
15	Numerical study of Alfvén eigenmodes in the Experimental Advanced Superconducting Tokamak. <i>Physics of Plasmas</i> , 2014, 21, .	1.9	18
16	The residual zonal flow in tokamak plasmas toroidally rotating at arbitrary velocity. <i>Physics of Plasmas</i> , 2014, 21, 082508.	1.9	4
17	A novel local equilibrium model for shaped tokamak plasmas. <i>Physics of Plasmas</i> , 2012, 19, .	1.9	8
18	A local noncircular equilibrium model and its application to residual zonal flow calculations. <i>Physics of Plasmas</i> , 2011, 18, 052505.	1.9	11

#	ARTICLE	IF	CITATIONS
19	Zonal flow modes in a tokamak plasma with dominantly poloidal mean flows. Physics of Plasmas, 2010, 17, 102505.	1.9	13
20	Electromagnetic geodesic acoustic modes in tokamak plasmas. Physics of Plasmas, 2007, 14, .	1.9	45
21	High frequency fishbones excited by near perpendicular neutral beam injection. Physics of Plasmas, 2006, 13, 072511.	1.9	3
22	Sawtooth stabilization by barely trapped energetic electrons. Physics of Plasmas, 2005, 12, 062512.	1.9	4
23	Excitation of internal kink mode by barely trapped suprathreshold electrons. Physics of Plasmas, 2005, 12, 092507.	1.9	18
24	Effect of poloidal equilibrium flow and pressure gradient on the $m/n = 2/1$ tearing mode. Nuclear Fusion, 0, , .	3.5	0