Haijun Ren

List of Publications by Year
in descending order

47 papers	616 citations	759233 12 h-index	642732 23 g-index
48 all docs	48 docs citations	48 times ranked	303 citing authors

#	Article	IF	Citations
1	Anomalous transport driven by ion temperature gradient instability in an anisotropic deuterium-tritium plasma. Plasma Science and Technology, 2022, 24, 025104.	1.5	2
2	Unstable spectra of plane Poiseuille flow with a uniform magnetic field. Plasma Physics and Controlled Fusion, 2022, 64, 045022.	2.1	1
3	Nonlinear excitation of geodesic acoustic mode by drift waves in anisotropic tokamak plasmas with toroidal rotation. Physics of Plasmas, 2022, 29, 032503.	1.9	1
4	Excitation of zonal flow by nonlinear geodesic acoustic mode. Physics of Plasmas, 2020, 27, 034501.	1.9	5
5	A fundamental understanding of the unstable eigenmodes of double tearing instabilities in a shear slab geometry. AIP Advances, 2020, 10, .	1.3	2
6	Global geodesic acoustic mode in an ideal magnetohydrodynamic tokamak plasma. Physics of Plasmas, 2020, 27, 042504.	1.9	5
7	Electromagnetic effect on geodesic acoustic mode with adiabatic electrons. Physics of Plasmas, 2019, 26, .	1.9	6
8	Geodesic acoustic mode driven by energetic particles with bump-on-tail distribution. Nuclear Fusion, 2018, 58, 046005.	3.5	8
9	Finite-orbit-width effects on the geodesic acoustic mode in the toroidally rotating tokamak plasma. Physics of Plasmas, 2017, 24, .	1.9	5
10	Energetic particle driven geodesic acoustic mode in a toroidally rotating tokamak plasma. Nuclear Fusion, 2017, 57, 016023.	3.5	5
11	Geodesic acoustic mode in a reduced two-fluid model. Plasma Science and Technology, 2017, 19, 122001.	1.5	3
12	The residual zonal flows in anisotropic tokamak plasmas. Physics of Plasmas, 2016, 23, 064507.	1.9	3
13	Analytical collisionless damping rate of geodesic acoustic mode. Nuclear Fusion, 2016, 56, 106008.	3.5	6
14	Geodesic acoustic mode in toroidally rotating anisotropic tokamaks. Physics of Plasmas, 2015, 22, .	1.9	10
15	Geodesic acoustic mode in anisotropic plasma with heat flux. Physics of Plasmas, 2015, 22, .	1.9	6
16	Landau damping of geodesic acoustic mode in toroidally rotating tokamaks. Physics of Plasmas, 2015, 22, .	1.9	12
17	Geodesic acoustic mode in anisotropic plasmas using double adiabatic model and gyro-kinetic equation. Physics of Plasmas, 2014, 21, .	1.9	10
18	Effects of passing energetic particles on geodesic acoustic mode. Physics of Plasmas, 2014, 21, 102506.	1.9	3

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19	Perturbation analysis of electromagnetic geodesic acoustic modes. Physics of Plasmas, 2014, 21, .	1.9	10
20	Zonal flows in tokamaks with anisotropic pressure. Physics of Plasmas, 2014, 21, 044505.	1.9	11
21	Geodesic acoustic modes in toroidally rotating tokamaks with an arbitrary Î². Physics of Plasmas, 2013, 20, 072504.	1.9	10
22	Effects of magnetic field on anisotropic temperature relaxation. Physics of Plasmas, 2013, 20, 032512.	1.9	17
23	Temperature relaxation in a magnetized plasma. Physics of Plasmas, 2013, 20, 102518.	1.9	10
24	Magnetorotational instability in plasmas with mobile dust grains. Physics of Plasmas, 2013, 20, 032102.	1.9	4
25	Group velocity of extraordinary waves in superdense magnetized quantum plasma with spin-1/2 effects. Physics of Plasmas, 2012, 19, .	1.9	21
26	Effect of toroidal rotation on the geodesic acoustic mode in magnetohydrodynamics. Physics of Plasmas, 2012, 19, 094502.	1.9	16
27	MAGNETOROTATIONAL INSTABILITY IN A COLLISIONAL WEAKLY IONIZED PLASMA. Astrophysical Journal, 2012, 754, 128.	4.5	6
28	Magnetorotational instability in a two-fluid model. Plasma Physics and Controlled Fusion, 2011, 53, 065021.	2.1	11
29	Density gradient effects on the magnetorotational instability. Plasma Physics and Controlled Fusion, 2011, 53, 035012.	2.1	6
30	Coupling of Kelvinâ€"Helmholtz instability and buoyancy instability in a thermally laminar plasma. Physics of Plasmas, 2011, 18, .	1.9	4
31	Anisotropic dissipative effects on the buoyancy instability with background heat flux. Physics of Plasmas, 2011, 18, 032106.	1.9	0
32	Magnetorotational instability in a collisionless plasma with heat flux vector and an isotropic plasma with self-gravitational effect. Physics of Plasmas, 2011, 18, .	1.9	10
33	Thermal convective and rotational instability in dissipative magnetohydrodynamics. Physics of Plasmas, 2010, 17, 052102.	1.9	5
34	The effect of the Hall term on Jeans instability in quantum magnetoplasma with resistive effects. Physics of Plasmas, 2010, 17, .	1.9	35
35	Magnetothermal instability in weakly magnetized plasmas with anisotropic resistivity and viscosity. Physics of Plasmas, 2010, 17, 042117.	1.9	4
36	Jeans instability in quantum magnetoplasma with resistive effects. Physics of Plasmas, 2009, 16, .	1.9	46

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37	Richtmyer–Meshkov instability of a stratified fluid in transverse magnetic field. Physics of Plasmas, 2009, 16, .	1.9	4
38	Electrostatic drift modes in quantum dusty plasmas with Jeans terms. Physics of Plasmas, 2009, 16, .	1.9	41
39	Magnetothermal instability of plasmas in a horizontal magnetic field. Physics of Plasmas, 2009, 16, 102109.	1.9	6
40	Magnetorotational instability in dissipative dusty plasmas. Physics of Plasmas, 2009, 16, 122107.	1.9	9
41	Dispersion of multi-stream instability in quantum magnetized hot plasmas. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 2676-2683.	2.1	23
42	Electrostatic drift waves in nonuniform quantum magnetized plasmas. Physics of Plasmas, 2008, 15, 082103.	1.9	18
43	Electromagnetic drift waves in nonuniform quantum magnetized electron–positron–ion plasmas. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 115501.	2.1	21
44	Effects of shear flow and transverse magnetic field on Richtmyer–Meshkov instability. Physics of Plasmas, 2008, 15, .	1.9	36
45	Electrostatic drift modes in quantum pair plasmas. Physics of Plasmas, 2008, 15, .	1.9	10
46	Quantum effects on Rayleigh–Taylor instability in magnetized plasma. Physics of Plasmas, 2008, 15, .	1.9	44
47	Dispersion of linear waves in quantum plasmas. Physics of Plasmas, 2007, 14, 062102.	1.9	83