

Wang Zhibin

List of Publications by Year in descending order

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papers

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citations

1307594

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176
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulations on the Discharge Characteristics of the Plasmas Produced by the Electron Beams at Atmospheric Pressure With the Lattice Boltzmann Method. IEEE Transactions on Plasma Science, 2022, 50, 2058-2067.	1.3	0
2	Multiple ion temperature effects on collisionless magnetic reconnection. AIP Advances, 2021, 11, .	1.3	2
3	Characteristics of the plasma produced by the energetic electron beam in sub-atmospheric pressure. AIP Advances, 2021, 11, 025221.	1.3	1
4	Entropy modes in multi-component plasmas confined by a dipole field. Physics of Plasmas, 2020, 27, 042104.	1.9	3
5	Selective modulation of plasma parameters in an atmospheric dielectric barrier discharge driven by sawtooth-type tailored voltage waveforms. Physics of Plasmas, 2020, 27, 063519.	1.9	3
6	Gyrokinetic investigations on entropy modes in dipole magnetic field confined plasmas with an anisotropic temperature. Physics of Plasmas, 2019, 26, 032113.	1.9	3
7	Energy absorption effects of the electromagnetic waves in collisional dusty plasmas. AIP Advances, 2019, 9, 115205.	1.3	3
8	Resonant absorption of incident electromagnetic waves in collisional inhomogeneous plasma slabs. AIP Advances, 2019, 9, .	1.3	6
9	Excitation of chorus-like waves by temperature anisotropy in dipole research experiment (DREX): A numerical study. Chinese Physics B, 2018, 27, 015201.	1.4	6
10	Electron Acceleration and Diffusion in the Gyrophase Space by Low-Frequency Electromagnetic Waves. IEEE Transactions on Plasma Science, 2018, 46, 225-229.	1.3	1
11	Collision effects on propagation characteristics of electromagnetic waves in a sub-wavelength plasma slab of partially ionized dense plasmas. Plasma Science and Technology, 2018, 20, 014015.	1.5	7
12	Experimental Studies on Radiation Intensification in Gigahertz Radio Frequency Band by Subwavelength Plasma Structures. IEEE Transactions on Plasma Science, 2017, 45, 381-387.	1.3	18
13	Conceptual design of Dipole Research Experiment (DREX). Plasma Science and Technology, 2017, 19, 035301.	1.5	22
14	Development of plasma sources for Dipole Research EXperiment (DREX). Plasma Science and Technology, 2017, 19, 055302.	1.5	10
15	Study on the electromagnetic waves propagation characteristics in partially ionized plasma slabs. AIP Advances, 2016, 6, 055312.	1.3	6
16	Characteristics in the jet region of helium radio-frequency atmospheric-pressure glow discharge with array generators. AIP Advances, 2015, 5, 097123.	1.3	4
17	Influences of gas flowing on the features of a helium radio-frequency atmospheric-pressure glow discharge. Applied Thermal Engineering, 2014, 72, 82-89.	6.0	10
18	Studies on the Physical Characteristics of the Radio-Frequency Atmospheric-Pressure Glow Discharge Plasmas for the Genome Mutation of Methylosinus trichosporium. IEEE Transactions on Plasma Science, 2012, 40, 2853-2860.	1.3	25

#	ARTICLE	IF	CITATIONS
19	One-Dimensional Modeling on the Asymmetric Features of a Radio-Frequency Atmospheric Helium Glow Discharge Produced Using a Co-Axial-Type Plasma Generator. Plasma Chemistry and Plasma Processing, 2012, 32, 859-874.	2.4	8
20	Dynamics of a Plasma Jet Array. IEEE Transactions on Plasma Science, 2011, 39, 2276-2277.	1.3	37