

Huida Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

94
citations

1684188

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h-index

1372567

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all docs

13
docs citations

13
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient generation of multi-gigawatt power by an X-band dual-mode relativistic backward wave oscillator operating at low magnetic field. Physics of Plasmas, 2020, 27, .	1.9	34
2	Experimental Investigation of a Super Klystron-Like Relativistic Backward Wave Oscillator Operating With Low Magnetic Field. IEEE Transactions on Electron Devices, 2021, 68, 3045-3050.	3.0	14
3	Preliminary investigation of a magnetically insulated relativistic backward wave oscillator operating in the C-band with low magnetic field. Physics of Plasmas, 2020, 27, .	1.9	7
4	Role of Second Harmonic in the Optimization of Microwave Conversion Efficiency From an Intense Relativistic Electron Beam. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5284-5290.	4.6	7
5	A Dual-Frequency High-Power Microwave Generator. IEEE Transactions on Plasma Science, 2019, 47, 4287-4291.	1.3	6
6	Effects of transverse electron beam motion in a relativistic backward wave oscillator operating at low guiding magnetic field. AIP Advances, 2020, 10, .	1.3	5
7	Efficiency Enhancement of a Klystron-Like Relativistic Backward Wave Oscillator With Waveguide Reflection and Bunching Promotion. IEEE Access, 2020, 8, 164972-164976.	4.2	4
8	Microwave breakdown in an overmoded relativistic backward wave oscillator operating at low magnetic field. Plasma Research Express, 2021, 3, 025001.	0.9	4
9	Conversion of Cherenkov Radiation to Transition Radiation by Electron Bunch Post-Acceleration for Extremely Efficient Beam-Wave Interaction. IEEE Transactions on Electron Devices, 2022, 69, 1409-1415.	3.0	4
10	Experimental investigations on density bunching and its power influence in a relativistic backward-wave oscillator with low-magnetic-field operation. Physics of Plasmas, 2020, 27, .	1.9	3
11	Mixed-Modes Conversion Method for Dual-Mode Relativistic Backward-Wave Oscillators. IEEE Microwave and Wireless Components Letters, 2021, 31, 1243-1246.	3.2	3
12	Theoretical calculation and particle-in-cell simulation of a multi-mode relativistic backward wave oscillator operating at low magnetic field. Physics of Plasmas, 2022, 29, .	1.9	3
13	Experimental Investigation of Density Bunching and Its Power Influence in a Relativistic Backward Wave Oscillator with Low Magnetic Operation. , 2020, , .		0