Huida Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3895798/publications.pdf

Version: 2024-02-01

13 papers	94 citations	1684188 5 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	40 citing authors

#	Article	IF	Citations
1	Conversion of Cherenkov Radiation to Transition Radiation by Electron Bunch Post-Acceleration for Extremely Efficient Beamâ€“Wave Interaction. IEEE Transactions on Electron Devices, 2022, 69, 1409-1415.	3.0	4
2	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
3	Microwave breakdown in an overmoded relativistic backward wave oscillator operating at low magnetic field. Plasma Research Express, 2021, 3, 025001.	0.9	4
4	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
5	Mixed-Modes Conversion Method for Dual-Mode Relativistic Backward-Wave Oscillators. IEEE Microwave and Wireless Components Letters, 2021, 31, 1243-1246.	3.2	3
6	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
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	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
9	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
10	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
11	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
12	Experimental Investigation of Density Bunching and Its Power Influence in a Relativistic Backward Wave Oscillator with Low Magnetic Operation. , 2020, , .		0
13	A Dual-Frequency High-Power Microwave Generator. IEEE Transactions on Plasma Science, 2019, 47, 4287-4291.	1.3	6