

Linlin Hu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

49
citations

2258059

3
h-index

1872680

6
g-index

20
all docs

20
docs citations

20
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and preliminary test of a 105/140 GHz dual-frequency MW-level gyrotron. Plasma Science and Technology, 2022, 24, 035601.	1.5	2
2	Quasi-optical mode converter for a high power TE _{8,3} -mode gyrotron. AIP Advances, 2022, 12, 075116.	1.3	1
3	Development of a 28-GHz/50-kW/30-s Gyrotron System for Fusion Application. IEEE Transactions on Plasma Science, 2021, 49, 1468-1474.	1.3	7
4	Development of a MW-level Dual-frequency Gyrotron for Fusion. , 2021, , .		0
5	Recent Results of 28 GHz 400 kW Long Pulse Gyrotrons at IAE-CAEP. , 2021, , .		2
6	Design of a Quasi-Optical Mode Converter for a Dual-Frequency Gyrotron. , 2021, , .		0
7	A CW, 94 GHz Second Harmonic Gyrotron with a Continuous Operation Solenoid Cooled by Water. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 1105.	2.2	1
8	Design of Cavity for Quasi-Optical Gyrotron Step-Tunable Across Multiband. IEEE Transactions on Electron Devices, 2020, 67, 4426-4431.	3.0	0
9	Development of a 28 GHz 50kW CW Gyrotron for ECRH application. , 2020, , .		0
10	Development of a 140 GHz 50kW Gyrotron in IAE. , 2019, , .		0
11	Design of Quasi-Optical Mode Converter for 28GHz Gyrotron. , 2019, , .		0
12	Experimental Demonstration of a 0.34-THz Backward-Wave Oscillator With a Sinusoidally Corrugated Slow-Wave Structure. IEEE Transactions on Electron Devices, 2018, 65, 2149-2155.	3.0	12
13	Design and Experiment of a 140 GHz 50kW Gyrotron. , 2018, , .		5
14	Design and simulation of the high-frequency structure for a G-band extended interaction klystron. Journal of Engineering, 2018, 2018, 689-691.	1.1	2
15	Experiment of 0.34 THz relativistic backward-wave oscillator. , 2017, , .		0
16	Design and test of 220GHz folded-waveguide backward-wave oscillator. , 2016, , .		1
17	Study on the Increased Threshold Current in the Development of 220-GHz Folded Waveguide Backward-Wave Oscillator. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3678-3685.	4.6	10
18	Optimization of the watt-scale 220-GHz folded waveguide BWO. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Design and test of electron-optical system for 0.14THz folded-waveguide traveling-wave tube. , 2015, , .		0
20	An Improved Analytical Model for Fast Evaluating Absorbing Material Properties for 220-GHz FW BWO. IEEE Transactions on Plasma Science, 2015, 43, 1008-1013.	1.3	2