

Lingna Yue

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

323
citations

10
h-index

15
g-index

99
ext. papers

417
ext. citations

2.2
avg, IF

2.57
L-index

#	Paper	IF	Citations
46	Broadband-Printed Traveling-Wave Tube Based on a Staggered Rings Microstrip Line Slow-Wave Structure. <i>Electronics (Switzerland)</i> , 2022 , 11, 384	2.6	1
45	Design and Experiment of 1 THz Slow Wave Structure Fabricated by Nano-CNC Technology. <i>IEEE Transactions on Electron Devices</i> , 2022 , 1-6	2.9	0
44	An Approach to Focus the Sheet Electron Beam in the Planar Microstrip Line Slow Wave Structure. <i>IEEE Transactions on Electron Devices</i> , 2022 , 1-7	2.9	
43	Attempt on Applying Semi-Metallic Supporting Rods to a Wideband Ka-Band Helix TWT. <i>IEEE Transactions on Electron Devices</i> , 2022 , 1-8	2.9	
42	A new approach of using low magnetic field to focus SEB. <i>Physics of Plasmas</i> , 2021 , 28, 102508	2.1	2
41	. <i>IEEE Transactions on Electron Devices</i> , 2021 , 68, 2509-2514	2.9	10
40	A New Method to Focus SEBs Using the Periodic Magnetic Field and the Electrostatic Field. <i>Electronics (Switzerland)</i> , 2021 , 10, 2118	2.6	1
39	A 340 GHz High-Power Multi-Beam Overmoded Flat-Roofed Sine Waveguide Traveling Wave Tube. <i>Electronics (Switzerland)</i> , 2021 , 10, 3018	2.6	3
38	. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 1910-1916	1.3	2
37	Design and Experimental Measurement of Input and Output Couplers for a 618-GHz High-Power Helix Traveling Wave Tube Amplifier. <i>IEEE Transactions on Electron Devices</i> , 2020 , 67, 1826-1831	2.9	2
36	Design and Cold Test of Flat-Roofed Sine Waveguide Circuit for W-Band Traveling-Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 4021-4028	1.3	5
35	One-dimensional nonlinear analysis of sine waveguide traveling-wave tubes. <i>Physics of Plasmas</i> , 2019 , 26, 092301	2.1	1
34	Experimental Verification of the Low Transmission Loss of a Flat-Roofed Sine Waveguide Slow-Wave Structure. <i>IEEE Electron Device Letters</i> , 2019 , 40, 808-811	4.4	22
33	Investigation of Ridge-Loaded Folded Rectangular Groove Waveguide Slow-Wave Structure for High-Power Terahertz TWT. <i>IEEE Transactions on Electron Devices</i> , 2018 , 65, 2170-2176	2.9	7
32	Design of a Cascade Backward-Wave Oscillator Based on Metamaterial Slow-Wave Structure. <i>IEEE Transactions on Electron Devices</i> , 2018 , 65, 1172-1178	2.9	8
31	Study on the ridge loaded azimuthal supported angular log-periodic strip meander line slow wave structure 2018 ,		4
30	Investigation of low voltage angular log-periodic folded groove waveguide slow wave structure for G-band TWT 2018 ,		3

29	Study on single radial sheet beam azimuthal support angular log- periodic strip line Travelling Wave Tube 2018 ,		5
28	Angular log-periodic meander line traveling wave tube based on quartz substrate 2018 ,		4
27	Linear analysis of traveling sheet electron beam in sine waveguide tubes. <i>Journal of Applied Physics</i> , 2018 , 124, 133301	2.5	8
26	Investigation on Sheet Beam Folded V-Shape Groove Waveguide for Millimeter-Wave TWT. <i>IEEE Transactions on Plasma Science</i> , 2016 , 44, 1363-1368	1.3	8
25	Preliminary Design and Experiment of a Ridge-Loaded Staggered Single-Slot Rectangular Coupled-Cavity Structure for SX_S -Band Traveling-Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2016 , 44, 587-593	1.3	1
24	A Research of 140-GHz Folded Rectangular Groove Waveguide Traveling-Wave Tube. <i>Chinese Journal of Electronics</i> , 2015 , 24, 873-876	0.9	0
23	A D-band backward-wave oscillator based on quasi-parallel-plate slow-wave structure 2015 ,		3
22	A Modified Slow-Wave Structure for Backward-Wave Oscillator Design in THz Band. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2014 , 4, 741-748	3.4	9
21	Novel W-Band Ridge-Loaded Folded Waveguide Traveling Wave Tube. <i>IEEE Electron Device Letters</i> , 2014 , 35, 1058-1060	4.4	12
20	Analysis of 140 gigahertz folded frame travelling wave tube. <i>Physics of Plasmas</i> , 2013 , 20, 103118	2.1	1
19	A Novel Winding Microstrip Meander-Line Slow-Wave Structure for V-Band TWT. <i>IEEE Electron Device Letters</i> , 2013 , 34, 1325-1327	4.4	10
18	A Novel Ridge-Vane-Loaded Folded-Waveguide Slow-Wave Structure for 0.22-THz Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 1228-1235	2.9	25
17	V-Shape Folded Rectangular Groove Waveguide for Millimeter-Wave Traveling-Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2012 , 40, 1027-1031	1.3	6
16	A Novel Slow-Wave Structure Folded Rectangular Groove Waveguide for Millimeter-Wave TWT. <i>IEEE Transactions on Electron Devices</i> , 2012 , 59, 510-515	2.9	14
15	A Tapered Ridge-loaded Folded Waveguide Slow-wave Structure for Millimeter-wave Traveling-wave Tube. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2012 , 33, 131-140	2.2	9
14	A research of W-band folded waveguide traveling wave tube with elliptical sheet electron beam. <i>Physics of Plasmas</i> , 2012 , 19, 093117	2.1	14
13	Propagation properties of an elliptical anisotropic metamaterial cylinder. <i>Journal of Modern Optics</i> , 2012 , 59, 778-783	1.1	
12	A 140-GHz Two-Beam Overmoded Folded-Waveguide Traveling-Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2011 , 39, 847-851	1.3	43

11	Linear Analysis of Dielectric-Lined Azimuthally Periodic Circular Waveguide for TWT. <i>IEEE Transactions on Plasma Science</i> , 2011 , 39, 1673-1679	1.3	2
10	Stable Sheet-Beam Transport in Periodic Nonsymmetric Quadrupole Field. <i>IEEE Transactions on Plasma Science</i> , 2010 , 38, 32-38	1.3	14
9	Design of wide-band mode discriminator based on mode-selective coupling. <i>International Journal of Electronics</i> , 2008 , 95, 99-110	1.2	4
8	Approach to a Coaxial Arbitrary-Shaped Groove Cylindrical Waveguide for Application in Wideband Gyro-TWTs. <i>IEEE Transactions on Plasma Science</i> , 2007 , 35, 551-558	1.3	4
7	Study of Corrugated Elliptical Waveguides for Slow-Wave Structures. <i>IEEE Transactions on Electron Devices</i> , 2007 , 54, 151-156	2.9	14
6	Analysis of Elliptical Thin Ridged Waveguide. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 733-739		1
5	The Small Signal Analysis of a Centered Dielectric-Rod Loaded, Arbitrarily-Shaped Helical Groove Traveling-Wave-Tube. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 1051-1062		4
4	Dispersion Characteristics of Coaxial Circular-Arc-Groove Slow-Wave Structure. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2005 , 26, 107-116		
3	Discrimination and Analysis of Microwave Modes in High Power Systems. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2005 , 26, 147-161		2
2	Analysis of coaxial ridged disk-loaded slow-wave structures for relativistic traveling wave tubes. <i>IEEE Transactions on Plasma Science</i> , 2004 , 32, 1086-1092	1.3	15
1	Mode discriminator based on mode-selective coupling. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2003 , 51, 55-63	4.1	13