

Jingcong He

List of Publications by Year in descending order

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1062
citing authors

#	ARTICLE	IF	CITATIONS
1	$\langle i \rangle G \langle /i \rangle$ -Band High-Power and Ultrawide Band Staggered Double-Vane Slow-Wave Circuit With Double Beams. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 23-29.	3.1	1
2	A Broadband Extended Interaction Klystron Based on Multimode Operation. IEEE Transactions on Electron Devices, 2022, 69, 802-807.	3.0	8
3	Fivefold Helically Corrugated Waveguide for High-Power $\langle i \rangle W \langle /i \rangle$ -Band Gyro-Devices and Pulse Compression. IEEE Transactions on Electron Devices, 2022, 69, 347-352.	3.0	7
4	Design and Measurement of Power-Coupling Structure for Parallel Operation of Two Folded Groove Waveguides. IEEE Transactions on Electron Devices, 2022, 69, 2650-2655.	3.0	1
5	A Terahertz Band TE ₂₀ ^{â-j} Mode Input/Output Coupling Structure for Dual-Sheet-Beam Traveling-Wave Tubes. IEEE Transactions on Plasma Science, 2022, 50, 1360-1368.	1.3	4
6	Design of Compact and Easy-to-Fabricate Power Coupling Structures for Sub-Terahertz Sheet Beam Traveling Wave Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2622-2630.	4.6	2
7	Design and Measurement of Terahertz-Band Rectangular TE ₁₀ to Circular TE _{n1} /TE _{0p} /TE _{1q} Mode Converters. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3009-3019.	4.6	6
8	Study of the $\langle i \rangle \tilde{\epsilon} \langle /i \rangle$ -Mode Operation in the Extended Interaction Circuit. IEEE Transactions on Plasma Science, 2022, 50, 649-655.	1.3	2
9	A Multimode Extended Interaction Oscillator With Broad Continuous Electric Tuning Range. IEEE Transactions on Electron Devices, 2022, 69, 3947-3952.	3.0	3
10	A Dual-polarized Lens Antenna Using LTCC Based Phase-shifting Surface for D Band Applications. , 2022, , .		1
11	Study of Terahertz-band Sheet Electron Beam Extended Interaction Oscillators. , 2022, , .		1
12	A Sub-THz High-Order Mode Backward Wave Oscillator Driven by Pseudospark Sourced Multiple Sheet Electron Beams. IEEE Transactions on Electron Devices, 2022, 69, 5216-5222.	3.0	4
13	Low-Loss Transmission Line for a 3.4-kW, 93-GHz Gyro-Traveling-Wave Amplifier. IEEE Transactions on Electron Devices, 2021, 68, 364-368.	3.0	7
14	A Compact Gradient Refractive Index Metamaterial Lens for Endfire Fan-Beam Radiation. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2339-2343.	4.0	8
15	Horizontal Polarized DC Grounded Omnidirectional Antenna for UAV Ground Control Station. Sensors, 2021, 21, 2763.	3.8	4
16	Compact and Broadband Multi-aperture Coupler for Terahertz Sheet Beam Travelling Wave Tubes. , 2021, , .		1
17	Ultralow Scattering and Broadband Metasurface Using Phase Adjustable FSS Elements Embedded With Lumped Resistors. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 793-797.	4.0	20
18	Preliminary Study of a Terahertz-band Sheet Beam Extended Interaction Oscillator. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Design and Simulation of a Terahertz High-order Mode Power Coupler for Sheet Beam Traveling Wave Amplifiers. , 2021, , .		1
20	Design, Microfabrication, and Characterization of a Subterahertz-Band High-Order Overmoded Double-Staggered Grating Waveguide for Multiple-Sheet Electron Beam Devices. IEEE Transactions on Electron Devices, 2021, 68, 3021-3027.	3.0	12
21	Characteristics of Pseudospark Discharge in Particle-in-Cell Simulations. IEEE Transactions on Electron Devices, 2021, 68, 3003-3009.	3.0	8
22	Compact Photonic-Crystals Based Isolator Using Ni ²⁺ /Zn Gyromagnetic Ferrite Posts. Applied Sciences (Switzerland), 2021, 11, 6177.	2.5	2
23	Design and Microfabrication of an Interaction Circuit for a 0.3-THz Sheet Beam Extended Interaction Oscillator With Multiple-Mode Operation. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 425-432.	3.1	9
24	Design and Stability Analysis of a High-Order Mode-Staggered Double Vane Traveling Wave Tube With Two Pencil Beams at G-Band. IEEE Transactions on Plasma Science, 2021, 49, 3029-3034.	1.3	3
25	Pseudospark-sourced beam and its application in high-power millimeter-wave generation. Scientific Reports, 2021, 11, 19076.	3.3	6
26	8-Fold Helically Corrugated Interaction Region for High Power Gyroresonant THz Sources. IEEE Electron Device Letters, 2021, 42, 1544-1547.	3.9	7
27	Numerical and Experimental Validation of the Passive Performance of a Coharmonic Gyro-Multiplier Interaction Region. IEEE Transactions on Microwave Theory and Techniques, 2021, , 1-1.	4.6	0
28	Dispersion and Dielectric Attenuation Properties of a Wideband Double-Staggered Grating Waveguide for Subterahertz Sheet-Beam Traveling-Wave Amplifiers. IEEE Transactions on Electron Devices, 2021, 68, 5826-5833.	3.0	8
29	Design of a Compact TE ₁₁ -TE ₂₁ Mode Converter Based on Power Divider Principle. , 2021, , .		0
30	Design of a TE ₁₁ - TE ₂₁ Mode Converter Based on a Three-fold Helically Corrugated Waveguide. , 2021, , .		1
31	High-order Overmoded Based Multiple Sheet Electron Beam Devices. , 2021, , .		0
32	Preliminary Study of a Terahertz TE ₂₀ Mode Input/Output Coupling Structure. , 2021, , .		1
33	Design of an Electron-Optical System for Sheet Electron Beam Traveling Wave Tubes. , 2021, , .		0
34	A Dual-Polarized Fabry-Pérot Antenna for Millimete-wave Application <u>$D_{\{1\}}$</u> . , 2021, , .		0
35	Design of Broadband Low-Noise Amplifier in 45-nm SOI Technology. , 2021, , .		0
36	A Millimeter-Wave Circularly Polarized Antenna for 5G Applications. , 2021, , .		1

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37	A 32-GHz Broadband mm-wave Power Amplifier in 45-nm SOI Technology. , 2021, , .		1
38	Updates on the Development of MW-level Ka-band Gyroklystron. , 2021, , .		0
39	An Easy-to-Fabricate Circular TE _{2,1} Mode Generator. IEEE Transactions on Electron Devices, 2021, 68, 6532-6537.	3.0	7
40	Performance Enhancement of Photoconductive Antenna Using Saw-Toothed Plasmonic Contact Electrodes. Electronics (Switzerland), 2021, 10, 2693.	3.1	4
41	Parallel Arrangement Folded Double-Ridge Groove Waveguide for High-Power Terahertz Traveling-Wave Tube. IEEE Transactions on Plasma Science, 2021, 49, 3519-3523.	1.3	0
42	An Extended Interaction Oscillator Capable of Continuous Multimode Operation. IEEE Transactions on Electron Devices, 2021, 68, 6470-6475.	3.0	5
43	A Novel Slow-Wave Structure "Coupled Double Folded Waveguide Operating at High-Order TM _{1,2} Mode for Terahertz TWT. IEEE Electron Device Letters, 2021, 42, 1871-1874.	3.9	6
44	Design of Fan-Beam Antenna Using High Refractive Index Metasurface. , 2021, , .		0
45	A Feeding Method to Excite D-band Dual-polarized Lens Antenna. , 2021, , .		0
46	High Efficient and Ultra Wide Band Monopole Antenna for Microwave Imaging and Communication Applications. Sensors, 2020, 20, 115.	3.8	41
47	Multiple-beam and double-mode staggered double vane travelling wave tube with ultra-wide band. Scientific Reports, 2020, 10, 20159.	3.3	10
48	Study of a 0.35 THz Extended Interaction Oscillator Driven by a Pseudospark-Sourced Sheet Electron Beam. IEEE Transactions on Electron Devices, 2020, 67, 652-658.	3.0	26
49	Ultra-Thin Metasheet for Dual-Wide-Band Linear to Circular Polarization Conversion With Wide-Angle Performance. IEEE Access, 2020, 8, 163244-163254.	4.2	27
50	Design and Measurement of a Terahertz Band Rectangular TE ₂₀ Mode Power Coupling Structure for High-Order Overmoded Multiple Sheet Electron Beam Devices. IEEE Electron Device Letters, 2020, 41, 920-923.	3.9	12
51	Triple-wide-band Ultra-thin Metasheet for transmission polarization conversion. Scientific Reports, 2020, 10, 8810.	3.3	25
52	Microstrip system on-chip circular polarized (CP) slotted antenna for THz communication application. Journal of Electromagnetic Waves and Applications, 2020, 34, 1029-1038.	1.6	16
53	Novel Coupling Cavities for Improving the Performance of G-Band Ladder-Type Multigap Extended Interaction Klystrons. IEEE Transactions on Plasma Science, 2020, 48, 1350-1356.	1.3	14
54	Study of H-Band High-Order Overmoded Power Couplers for Sheet Electron Beam Devices. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2251-2258.	4.6	18

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55	Super Wide Band, Defected Ground Structure (DGS), and Stepped Meander Line Antenna for WLAN/ISM/WiMAX/UWB and other Wireless Communication Applications. <i>Sensors</i> , 2020, 20, 1735.	3.8	21
56	Dual-Band Ultrathin Meta-Array for Polarization Conversion in $\langle i \rangle$ Ku $\langle /i \rangle$ / $\langle i \rangle$ Ka $\langle /i \rangle$ -Band With Broadband Transmission. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 856-860.	4.0	24
57	Design of a Dual-Band Electromagnetic Absorber With Frequency Selective Surfaces. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 841-845.	4.0	30
58	Design, Fabrication, and Cold Test of a High Frequency System for an $\langle i \rangle$ H $\langle /i \rangle$ -Band Sheet Beam Travelling Wave Tube. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2020, 10, 292-301.	3.1	24
59	Triband Ultrathin Polarization Converter for $\langle i \rangle$ X $\langle /i \rangle$ / $\langle i \rangle$ Ku $\langle /i \rangle$ / $\langle i \rangle$ Ka $\langle /i \rangle$ -Band Microwave Transmission. <i>IEEE Microwave and Wireless Components Letters</i> , 2020, 30, 351-354.	3.2	14
60	Design and Measurement of an $\langle i \rangle$ H $\langle /i \rangle$ -Band Rectangular TE ₁₀ to TE ₂₀ Mode Converter. <i>IEEE Access</i> , 2020, 8, 37242-37249.	4.2	18
61	Wideband Rectangular TE ₁₀ to TE _{ext} Mode Converters for Terahertz-Band High-Order Overmoded Planar Slow-Wave Structures. <i>IEEE Transactions on Electron Devices</i> , 2020, 67, 1259-1265.	3.0	9
62	Extremely Sensitive Microwave Sensor for Evaluation of Dielectric Characteristics of Low-Permittivity Materials. <i>Sensors</i> , 2020, 20, 1916.	3.8	28
63	Low Gain Ripple and DC-Grounded Slant-Polarized Formulation With 360° Broadbeam Coverage. <i>IEEE Access</i> , 2020, 8, 224190-224199.	4.2	2
64	Study of High-order Overmoded Power Couplers for Multiple Sheet Electron Beam Devices. , 2020, , .		0
65	Folded Double Ridge Groove Waveguide for High-power Terahertz Traveling Wave Tube with Sheet Electron Beam. , 2020, , .		1
66	Compact THz Extended Interaction Oscillator Driven by a Pseudospark-sourced beam. , 2020, , .		0
67	Development of a Sub-terahertz Sheet Beam Travelling Wave Tube. , 2020, , .		1
68	Design of a Sheet Electron Beam Gun for a Sub-terahertz Travelling Wave Amplifier. , 2020, , .		2
69	Design of a Terahertz-band Rectangular TE ₁₀ -TE _{n0} Mode Converter. , 2020, , .		0
70	Design of a Sheet Electron Beam Focusing System for a Sub-terahertz Traveling Wave Tube. , 2020, , .		0
71	The Development of broadband millimeter-wave and terahertz gyro-TWAs. <i>Terahertz Science & Technology</i> , 2020, 13, 90-111.	0.5	2
72	Preliminary Cold Test of a Terahertz Band Sheet Beam Travelling Wave Tube. , 2020, , .		0

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73	Output coupler for a THz gyro-amplifier. , 2019, , .		0
74	Design and Millimeter-Wave Measurement of a Wideband Power Coupling Structure for Sheet Electron Beam Devices. IEEE Transactions on Electron Devices, 2019, 66, 3171-3177.	3.0	18
75	Characteristic measurements of a wideband gyro-TWA operating in W-band. , 2019, , .		0
76	Measurement of a broadband input coupler for a W-band gyro-TWA. , 2019, , .		0
77	Compact high-power millimetre wave sources driven by pseudospark-sourced electron beams. IET Microwaves, Antennas and Propagation, 2019, 13, 1794-1798.	1.4	9
78	Effects of Tolerance Fabrication of Extended Interaction Oscillator Based on Pseudospark-sourced Sheet Electron Beam at 0.35 THz. , 2019, , .		0
79	Design and Simulation of a 0.37 THz Gyro-TWA. , 2019, , .		2
80	Gridded Cusp Gun for a Terahertz Gyro-Amplifier. , 2019, , .		0
81	Coupling Structure for a High-Q Corrugated Cavity as a Microwave Undulator. IEEE Transactions on Electron Devices, 2019, 66, 4392-4397.	3.0	5
82	Design and Measurement of a Terahertz Double Staggered Grating Waveguide With an Arc-Shaped Beam Tunnel. IEEE Transactions on Electron Devices, 2019, 66, 4932-4937.	3.0	14
83	0.37 THz gyro-TWA with a cryo-free SCM: Design and simulation. , 2019, , .		1
84	Cusp electron gun with modulation electrode for a THz gyro-amplifier. , 2019, , .		0
85	Design of Planar Millimeter-Wave Metallic Structures for Wakefield Acceleration. Journal of Infrared, Millimeter, and Terahertz Waves, 2019, 40, 48-62.	2.2	0
86	Systematic study of a corrugated waveguide as a microwave undulator. Journal of Synchrotron Radiation, 2019, 26, 11-17.	2.4	13
87	Demonstration of a Planar W-Band, kW-Level Extended Interaction Oscillator Based on a Pseudospark-Sourced Sheet Electron Beam. IEEE Electron Device Letters, 2018, 39, 432-435.	3.9	63
88	Experimental demonstration of a terahertz extended interaction oscillator driven by a pseudospark-sourced sheet electron beam. Applied Physics Letters, 2018, 112, .	3.3	39
89	CNC Machined Helically Corrugated Interaction Region for a THz Gyrotron Traveling Wave Amplifier. IEEE Transactions on Terahertz Science and Technology, 2018, 8, 85-89.	3.1	15
90	Experimental study of terahertz radiation sources based on a planar slow wave structure and a pseudospark-sourced sheet electron beam. , 2018, , .		0

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91	Amplification of W-band multi-frequency signals using a gyro-TWA. , 2018, , .		0
92	Microwave Undulator Using a Helically Corrugated Waveguide. IEEE Transactions on Electron Devices, 2018, 65, 5499-5504.	3.0	13
93	Broadband output windows for THz gyro-TWAs. , 2018, , .		1
94	Design of a gridded cusp gun for a W-band gyro-TWA. , 2018, , .		0
95	Design of a Ka-band MW-level high efficiency gyrokystron for accelerators. IET Microwaves, Antennas and Propagation, 2018, 12, 1752-1757.	1.4	9
96	Input coupling systems for millimetre-wave gyrotron travelling wave amplifiers. IET Microwaves, Antennas and Propagation, 2018, 12, 1748-1751.	1.4	4
97	Measurement of W-band gyro-TWA with wide bandwidth input signal. , 2018, , .		0
98	Input coupling systems for terahertz gyro-TWAs. , 2018, , .		0
99	Compact Lightweight High Power Millimeter Wave Sources using Pseudospark Plasma Electron Beams. , 2018, , .		1
100	Output broadband multilayer microwave windows for terahertz gyro-TWAs. , 2018, , .		1
101	Design of a Ka-band microwave undulator. , 2018, , .		0
102	Amplification of Frequency-Swept Signals in a -Band Gyrotron Travelling Wave Amplifier. IEEE Electron Device Letters, 2018, 39, 1077-1080.	3.9	21
103	Investigation on the optimal magnetic field of a cusp electron gun for a W-band gyro-TWA. Physics of Plasmas, 2018, 25, .	1.9	13
104	A Pillbox Window With Impedance Matching Sections for a -Band Gyro-TWA. IEEE Electron Device Letters, 2018, 39, 1081-1084.	3.9	28
105	Optimization of a triode-type cusp electron gun for a W-band gyro-TWA. Physics of Plasmas, 2018, 25, .	1.9	16
106	An Output Coupler for a W-Band High Power Wideband Gyroamplifier. IEEE Transactions on Electron Devices, 2017, 64, 1763-1766.	3.0	24
107	Advanced post-acceleration methodology for pseudospark-sourced electron beam. Physics of Plasmas, 2017, 24, .	1.9	22
108	Optimization and Measurement of a Smoothly Profiled Horn for a W-Band Gyro-TWA. IEEE Transactions on Electron Devices, 2017, 64, 2665-2669.	3.0	45

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109	Experiments on W-band extended interaction oscillator with pseudospark sourced post-accelerated electron beam. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	19
110	Study of the beam profile and position instability of a post-accelerated pseudospark-sourced electron beam. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	14
111	Broadband Amplification of Low-Terahertz Signals Using Axis-Encircling Electrons in a Helically Corrugated Interaction Region. <i>Physical Review Letters</i> , 2017, 119, 184801.	7.8	100
112	A Millimeter-Wave Klystron Upconverter With a Higher Order Mode Output Cavity. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 3857-3862.	3.0	14
113	Input coupling systems for mm-wave amplifiers. , 2017, , .		2
114	Measurement of a W-band gyro-TWA experiment based on a helically corrugated interaction region. , 2017, , .		2
115	Multilayer windows for broadband millimeter/terahertz wave vacuum electron devices. , 2017, , .		0
116	W-band extended interaction oscillations using post-accelerated pseudospark-sourced electron beams. , 2017, , .		0
117	Design of a Ka-band MW-level high efficiency gyroklystron for accelerators. , 2017, , .		1
118	A high-power Schottky diode frequency multiplier chain at 360 GHz for Gyro-TWA applications. , 2017, , .		2
119	Performance measurements of mode-converting corrugated horns. , 2017, , .		0
120	Demonstration of a high power broadband mm-wave gyro-TWA. , 2017, , .		0
121	Smoothly profiled quasi-optical output launcher for a W-band gyro-TWA. , 2017, , .		0
122	Investigation of Frequency-Selective Surfaces for a THz Gyromultiplier Output System. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 4678-4685.	3.0	8
123	Measurement of a W-band output launcher system for a broadband gyro-TWA. , 2017, , .		0
124	A multiple-hole input coupler for a 372 GHz gyro-travelling wave amplifier. , 2017, , .		0
125	Design and experiment of a broadband W-band gyro-TWA based on a helically corrugated interaction region. , 2017, , .		2
126	Design of a TE ₁₀ -to-TE ₆₁ mode coupler for a 372 GHz gyrotron travelling wave amplifier. , 2017, , .		0

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127	Study of millimetre wave extended interaction oscillation using pseudospark-sourced E-beams. , 2017, , .		0
128	Measurement of a broadband high power gyro-TWA operating in W-band frequency. , 2017, , .		0
129	Investigation of millimeter wave extended interaction oscillation using improved pseudospark-sourced electron beams. , 2017, , .		0
130	W-Band Gyrotron Travelling Wave Amplifier Experiment Based on a Helically Corrugated Waveguide. , 2017, , .		0
131	Beam Profile And Position Instability Of A Post-Accelerated Pseudospark-Sourced Electron Beam For An Extended Interaction Oscillator. , 2017, , .		0
132	W-band klystron upconverter driven by pseudospark-sourced electron beam. , 2017, , .		0
133	Measurement of an upgraded input coupling system for W-band gyro-TWA. , 2017, , .		1
134	Millimeter wave extended interaction oscillator based on pseudospark-sourced electron beam. , 2017, , .		0
135	Design of a multilayer output window for a 372 GHz gyro-TWA. , 2017, , .		1
136	Microwave coupler for W-band micro reentrant square cavities. IET Microwaves, Antennas and Propagation, 2016, 10, 764-769.	1.4	6
137	Design of a spline horn for a W-band gyro-TWA. , 2016, , .		0
138	Experimental test of a W-band gyro-TWA for cloud radar applications. , 2016, , .		4
139	Measurement of a broadband millimeter wave window for application in vacuum tubes. , 2016, , .		0
140	Measurement of a high Gaussian-content corrugated horn for a W-band gyro-TWA. , 2016, , .		0
141	Simulation of rectangular TE ₁₀ to circular TE ₁₁ terahertz mode converters. , 2016, , .		0
142	Influence of the electrode gap separation on the pseudospark-sourced electron beam generation. Physics of Plasmas, 2016, 23, .	1.9	28
143	High pulse repetition frequency operation of a W-band Gyro-TWA based on a cusp electron beam source. , 2016, , .		2
144	Bandwidth Study of the Microwave Reflectors with Rectangular Corrugations. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 846-856.	2.2	24

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145	Design Study of a 372-GHz Higher Order Mode Input Coupler. IEEE Transactions on Electron Devices, 2016, , 1-7.	3.0	18
146	A Dual-Frequency Quasi-Optical Output System for a THz Gyro-Multiplier. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 674-681.	3.1	10
147	Study of a 0.2-THz Extended Interaction Oscillator Driven by a Pseudospark-Sourced Sheet Electron Beam. IEEE Transactions on Electron Devices, 2016, 63, 4955-4960.	3.0	47
148	Wide-Band HE_{11} Mode Terahertz Wave Windows for Gyro-Amplifiers. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 108-112.	3.1	60
149	Design Study of a Fundamental Mode Input Coupler for a 372-GHz Gyro-TWA I: Rectangular-to-Circular Coupling Methods. IEEE Transactions on Electron Devices, 2016, 63, 497-503.	3.0	37
150	Simulation and Experiments of a W -Band Extended Interaction Oscillator Based on a Pseudospark-Sourced Electron Beam. IEEE Transactions on Electron Devices, 2016, 63, 512-516.	3.0	72
151	Developments of a W -band gyro-TWA for high PRF operation. , 2015, , .		0
152	A wide-band HE_{11} mode window for millimeter wave gyro-TWAs. , 2015, , .		0
153	Generation of broadband terahertz radiation using a backward wave oscillator and pseudospark-sourced electron beam. Applied Physics Letters, 2015, 107, .	3.3	96
154	Multilayer microwave windows for wideband gyro-amplifiers. , 2015, , .		0
155	A corrugated horn with broadband window for W -band gyro-devices. , 2015, , .		1
156	TE_{10} \leftrightarrow TE_{11} input coupler for a low-THz gyro-TWA. , 2015, , .		2
157	Applications of Pseudospark produced electron beams in millimetre wave radiation sources. , 2015, , .		0
158	W -band Brewster window for a wideband gyro-TWA. , 2015, , .		0
159	Preliminary design and optimization of a G -band extended interaction oscillator based on a pseudospark-sourced electron beam. Physics of Plasmas, 2015, 22, .	1.9	47
160	Application of a pseudospark-generated electron beam to a 200 GHz backward wave oscillator. , 2015, , .		0
161	Development of a wide-band HE_{11} mode window for a W -band gyro-TWA. , 2015, , .		0
162	Latest development of a W -band Gyro-TWA based on a helically corrugated interaction region. , 2015, , .		3

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163	Development of a novel W-band side-wall coupler for a gyro-TWA. , 2015, , .		0
164	High power W-band gyro-BWO experiments. , 2015, , .		0
165	W-band quasi-optical mode converter for gyro-devices. , 2015, , .		0
166	Design and Measurement of a W-Band Brewster Window. IEEE Microwave and Wireless Components Letters, 2015, 25, 826-828.	3.2	20
167	Further experiments of a W-band gyro-TWA based on a helically corrugated interaction region. , 2015, , .		1
168	Study of a pseudospark-sourced G-band EIO. , 2015, , .		5
169	A W-band corrugated output horn and window for gyro-devices. , 2015, , .		0
170	Design and experiments of a five-fold helically corrugated waveguide for microwave pulse compression. , 2015, , .		0
171	Experimental Study of Microwave Pulse Compression Using a Five-Fold Helically Corrugated Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1090-1096.	4.6	31
172	Design and Measurement of a Broadband Sidewall Coupler for a W-Band Gyro-TWA. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3183-3190.	4.6	61
173	A W-band gyrotron traveling wave amplifier experiment. , 2014, , .		0
174	Millimeter-wave backward wave oscillators driven by pseudospark electron beams. , 2014, , .		0
175	Cold test of a G-band sheet beam backward wave oscillator. , 2014, , .		0
176	A novel tunable frequency selective surface absorber with dual-DOF for broadband applications. Optics Express, 2014, 22, 30217.	3.4	47
177	X-ray emission as a diagnostic from pseudospark-sourced electron beams. Nuclear Instruments & Methods in Physics Research B, 2014, 335, 74-77.	1.4	24
178	Visualization of a Pseudospark-Sourced Electron Beam. IEEE Transactions on Plasma Science, 2014, 42, 2826-2827.	1.3	19
179	W-band gyro-TWA using a cusp electron gun and a helically corrugated interaction region. , 2013, , .		2
180	Scaled design and test of a coupler for micro-reentrant square-cavities for millimeter wave klystrons. , 2013, , .		6

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181	Numerical simulation of a 1.37 THz gyro-multiplier. , 2013, , .		0
182	Ka-band gyro-TWA waveguide severs for circularly polarized waves. , 2013, , .		0
183	Magic 3-D simulations of a 1.37 THz gyro-multiplier. , 2013, , .		0
184	Microwave windows for W-band gyro-devices. , 2013, , .		0
185	Latest developments on a W-band gyro-TWA. , 2013, , .		0
186	200 GHz BWO experiment with a pseudospark-sourced electron beam. , 2013, , .		0
187	A high directivity broadband corrugated horn for W-band gyro-devices. IEEE Transactions on Antennas and Propagation, 2013, 61, 1453-1456.	5.1	59
188	High Power Wideband Gyrotron Backward Wave Oscillator Operating towards the Terahertz Region. Physical Review Letters, 2013, 110, 165101.	7.8	146
189	A W-Band Multi-Layer Microwave Window for Pulsed Operation of Gyro-Devices. IEEE Microwave and Wireless Components Letters, 2013, 23, 237-239.	3.2	63
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