

Yubing Gong

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258
papers

1,851
citations

20
h-index

32
g-index

415
ext. papers

2,583
ext. citations

2.7
avg, IF

4.73
L-index

#	Paper	IF	Citations
258	Observation of the reversed Cherenkov radiation. <i>Nature Communications</i> , 2017 , 8, 14901	17.4	62
257	A Novel V-Shaped Microstrip Meander-Line Slow-Wave Structure for W-band MMPM. <i>IEEE Transactions on Plasma Science</i> , 2012 , 40, 463-469	1.3	60
256	Sine Waveguide for 0.22-THz Traveling-Wave Tube. <i>IEEE Electron Device Letters</i> , 2011 , 32, 1152-1154	4.4	59
255	W-Band 1-kW Staggered Double-Vane Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2012 , 59, 496-503	2.9	58
254	Experimental Investigation of a High-Power Ka-Band Folded Waveguide Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2011 , 58, 2159-2163	2.9	55
253	Study on Wideband Sheet Beam Traveling Wave Tube Based on Staggered Double Vane Slow Wave Structure. <i>IEEE Transactions on Plasma Science</i> , 2014 , 42, 3996-4003	1.3	43
252	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
251	A watt-class 1-THz backward-wave oscillator based on sine waveguide. <i>Physics of Plasmas</i> , 2012 , 19, 013113	1.3	42
250	Symmetric Double V-Shaped Microstrip Meander-Line Slow-Wave Structure for W-Band Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2012 , 59, 1551-1557	2.9	38
249	High-Power Millimeter-Wave BWO Driven by Sheet Electron Beam. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 471-477	2.9	35
248	Study of a Log-Periodic Slow Wave Structure for Ka-band Radial Sheet Beam Traveling Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2013 , 41, 2277-2282	1.3	31
247	All-metal metamaterial slow-wave structure for high-power sources with high efficiency. <i>Applied Physics Letters</i> , 2015 , 107, 153502	3.4	30
246	Dispersion Characteristics of a Rectangular Helix Slow-Wave Structure. <i>IEEE Transactions on Electron Devices</i> , 2008 , 55, 3582-3589	2.9	28
245	\$\$\$ -Band High-Efficiency Metamaterial Microwave Sources. <i>IEEE Transactions on Electron Devices</i> , 2016 , 63, 3747-3752	2.9	25
244	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
243	A Rectangular Groove-Loaded Folded Waveguide for Millimeter-Wave Traveling-Wave Tubes. <i>IEEE Transactions on Plasma Science</i> , 2010 , 38, 1574-1578	1.3	23
242	Metamaterial-Inspired Vacuum Electron Devices and Accelerators. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 207-218	2.9	23

241	Theoretical and Experimental Research on a Novel Small Tunable PCM System in Staggered Double Vane TWT. <i>IEEE Transactions on Electron Devices</i> , 2015 , 62, 4258-4264	2.9	22
240	Review of the Novel Slow-Wave Structures for High-Power Traveling-Wave Tube. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2003 , 24, 1469-1484		22
239	. <i>IEEE Transactions on Plasma Science</i> , 2010 , 38, 1556-1562	1.3	21
238	A Ridge-Loaded Sine Waveguide for S-Band Traveling-Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2016 , 44, 2832-2837	1.3	20
237	High Isolation Millimeter-Wave Wideband MIMO Antenna for 5G Communication. <i>International Journal of Antennas and Propagation</i> , 2019 , 2019, 1-12	1.2	17
236	Generating Multiple OAM Based on a Nested Dual-Arm Spiral Antenna. <i>IEEE Access</i> , 2019 , 7, 138541-138547	3.4	17
235	Progress towards High-Efficiency and Stable Tin-Based Perovskite Solar Cells. <i>Energies</i> , 2020 , 13, 5092	3.1	17
234	High-Power Tunable Terahertz Radiation by High-Order Harmonic Generation. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 482-486	2.9	16
233	. <i>IEEE Transactions on Electron Devices</i> , 2010 , 57, 1137-1145	2.9	16
232	Effect of attenuation on backward-wave oscillation start oscillation condition. <i>IEEE Transactions on Plasma Science</i> , 2004 , 32, 2184-2188	1.3	16
231	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
230	High-order acoustic vortex field generation based on a metasurface. <i>Physical Review E</i> , 2019 , 100, 053315	3.4	15
229	Dual Band Metamaterial Cherenkov Oscillator With a Waveguide Coupler. <i>IEEE Transactions on Electron Devices</i> , 2017 , 64, 2376-2382	2.9	14
228	Characterization of Metamaterial Slow-Wave Structure Loaded With Complementary Electric Split-Ring Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 2238-2246	4.1	14
227	Stacked dual beam electron optical system for THz integrated wideband traveling wave tube. <i>Physics of Plasmas</i> , 2019 , 26, 063106	2.1	14
226	Study of High-Power Ka-Band Rectangular Double-Grating Sheet Beam BWO. <i>IEEE Transactions on Plasma Science</i> , 2014 , 42, 1502-1508	1.3	14
225	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
224	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

223	Stable Sheet-Beam Transport in Periodic Nonsymmetric Quadrupole Field. <i>IEEE Transactions on Plasma Science</i> , 2010 , 38, 32-38	1.3	14
222	Study of Corrugated Elliptical Waveguides for Slow-Wave Structures. <i>IEEE Transactions on Electron Devices</i> , 2007 , 54, 151-156	2.9	14
221	Study on phase velocity tapered microstrip angular log-periodic meander line travelling wave tube. <i>IET Microwaves, Antennas and Propagation</i> , 2016 , 10, 902-907	1.6	14
220	Study of the Symmetrical Microstrip Angular Log-Periodic Meander-Line Traveling-Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2016 , 44, 1787-1793	1.3	14
219	Study on W-band sheet-beam traveling-wave tube based on flat-roofed sine waveguide. <i>AIP Advances</i> , 2018 , 8, 055116	1.5	14
218	. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 2971-2978	1.3	13
217	Study on the Radial-Sheet-Beam Electron Optical System. <i>IEEE Transactions on Plasma Science</i> , 2012 , 40, 3442-3448	1.3	13
216	. <i>IEEE Transactions on Electron Devices</i> , 2006 , 53, 903-909	2.9	13
215	Mode discriminator based on mode-selective coupling. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2003 , 51, 55-63	4.1	13
214	High-precision digital terahertz phase manipulation within a multichannel field perturbation coding chip. <i>Nature Photonics</i> , 2021 , 15, 751-757	33.9	13
213	Mutual Coupling Reduction between Patch Antennas Using Meander Line. <i>International Journal of Antennas and Propagation</i> , 2018 , 2018, 1-7	1.2	12
212	Novel W-Band Ridge-Loaded Folded Waveguide Traveling Wave Tube. <i>IEEE Electron Device Letters</i> , 2014 , 35, 1058-1060	4.4	12
211	Suppression of In-Band Power Holes in Helix Traveling-Wave Tubes. <i>IEEE Transactions on Electron Devices</i> , 2011 , 58, 1556-1561	2.9	12
210	Transient proton transfer of base pair hydrogen bonds induced by intense terahertz radiation. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 9316-9321	3.6	11
209	Investigation on a W Band Ridge-Loaded Folded Waveguide TWT. <i>IEEE Transactions on Plasma Science</i> , 2011 , 39, 1660-1664	1.3	11
208	Novel S-Band Metamaterial Extended Interaction Klystron. <i>IEEE Electron Device Letters</i> , 2020 , 41, 1580-1583	4.3	11
207	Sheet Electron Beam Transport in a Metamaterial-Loaded Waveguide Under the Uniform Magnetic Focusing. <i>IEEE Transactions on Electron Devices</i> , 2016 , 63, 2132-2138	2.9	11
206	Study on Radial Sheet Beam Electron Optical System for Miniature Low-Voltage Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2017 , 64, 3405-3412	2.9	10

205	Input and Output Couplers for an Oversized Coaxial Relativistic Klystron Amplifier at Ka-Band. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 2758-2763	2.9	10
204	Some Advances in Theory and Experiment of High-Frequency Vacuum Electron Devices in China. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 1971-1990	1.3	10
203	Dispersion Equations of a Rectangular Tape Helix Slow-Wave Structure. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 1445-1456	4.1	10
202	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
201	Analysis and Simulation of a Multigap Sheet Beam Extended Interaction Relativistic Klystron Amplifier. <i>IEEE Transactions on Plasma Science</i> , 2015 , 43, 1862-1870	1.3	10
200	. <i>IEEE Electron Device Letters</i> , 2020 , 41, 284-287	4.4	10
199	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
198	Study of Low- Voltage Radial Convergent Sheet Electron Optical System. <i>IEEE Transactions on Plasma Science</i> , 2014 , 42, 1847-1853	1.3	9
197	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
196	Novel Folded Frame Slow-Wave Structure for Millimeter-Wave Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 3895-3900	2.9	9
195	Throughput Performance of Wireless Multiple-Input Multiple-Output Systems Using OAM Antennas. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 261-265	5.9	9
194	Investigation of Double Tunnel Sine Waveguide Slow-Wave Structure for Terahertz Dual-Beam TWT. <i>IEEE Transactions on Electron Devices</i> , 2020 , 67, 2176-2181	2.9	8
193	. <i>IEEE Access</i> , 2020 , 8, 53232-53239	3.5	8
192	Dual-band circularly polarised planar monopole antenna for WLAN/Wi-Fi/Bluetooth/WiMAX applications. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 972-976	1.6	8
191	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
190	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
189	Study on two kinds of novel 220 GHz folded-waveguide traveling-wave tube. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 036201	1.4	8
188	Impact of attenuator models on computed traveling wave tube performances. <i>Physics of Plasmas</i> , 2007 , 14, 093103	2.1	8

187	Numerical Study of Voltage-Gated Ca ²⁺ Transport Irradiated by Terahertz Electromagnetic Wave. <i>IEEE Access</i> , 2020 , 8, 10305-10315	3.5	8
186	Design and Cold Test of Dual Beam Azimuthal Supported Angular Log-Periodic Strip-Line Slow Wave Structure. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2020 , 41, 785-795	2.2	8
185	Development of a 140-GHz folded-waveguide traveling-wave tube in a relatively larger circular electron beam tunnel. <i>Journal of Electromagnetic Waves and Applications</i> , 2017 , 31, 1914-1923	1.3	7
184	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
183	Terahertz Electric Field-Induced Membrane Electroporation by Molecular Dynamics Simulations. <i>Journal of Membrane Biology</i> , 2018 , 251, 681-693	2.3	7
182	Design and fabrication of Q-band folded waveguide Traveling-Wave Tube 2012 ,		7
181	Linear analysis of a W band groove-loaded folded waveguide traveling wave tube. <i>Physics of Plasmas</i> , 2010 , 17, 113305	2.1	7
180	Analysis of the Dispersion Characteristic and Interaction Impedance of a Tape Helix Slow Wave Structure with Novel Supporting Mode. <i>International Journal of Electronics</i> , 2004 , 91, 309-318	1.2	7
179	THz electromagnetic radiation driven by intense relativistic electron beam based on ion focus regime. <i>Physics of Plasmas</i> , 2016 , 23, 063107	2.1	7
178	Investigation of 0.38 THz backward-wave oscillator based on slotted sine waveguide and pencil electron beam. <i>Physics of Plasmas</i> , 2016 , 23, 033111	2.1	7
177	Novel Helical Groove Rectangular Waveguide Slow Wave Structure for 0.2 THz Traveling Wave Tube. <i>IEEE Electron Device Letters</i> , 2019 , 40, 1526-1529	4.4	6
176	High power folded waveguide traveling wave tube based on variable-width technology. <i>Physics of Plasmas</i> , 2019 , 26, 053106	2.1	6
175	Oversized coaxial relativistic extended interaction oscillator with gigawatt-level output at Ka-band. <i>Physics of Plasmas</i> , 2019 , 26, 043107	2.1	6
174	A Novel Folded Waveguide for V-Band TWT. <i>IEEE Transactions on Plasma Science</i> , 2015 , 43, 4088-4091	1.3	6
173	Analysis of the instability in relativistic traveling wave tube. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1997 , 18, 2219-2232		6
172	Experimental Investigation of an Electron-Optical System for Terahertz Traveling-Wave Tubes. <i>IEEE Transactions on Electron Devices</i> , 2021 , 1-7	2.9	6
171	A High-Power Single Rectangular Grating Sheet Electron Beam Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2016 , 63, 3262-3269	2.9	6
170	Theory and Experiment of High-Gain Modified Angular Log-Periodic Folded Waveguide Slow Wave Structure. <i>IEEE Electron Device Letters</i> , 2020 , 41, 1237-1240	4.4	5

169	Third-Harmonic Traveling-Wave Tube Multiplier-Amplifier. <i>IEEE Transactions on Electron Devices</i> , 2018 , 65, 2189-2194	2.9	5
168	Study on single radial sheet beam azimuthal support angular log- periodic strip line Travelling Wave Tube 2018 ,		5
167	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1337-1341	3.8	5
166	A 1-kW 32B4-GHz Folded Waveguide Traveling Wave Tube. <i>IEEE Transactions on Plasma Science</i> , 2014 , 42, 8-12	1.3	5
165	Full-wave analysis of the high frequency characteristics of the sine waveguide slow-wave structure. <i>AIP Advances</i> , 2017 , 7, 085111	1.5	5
164	Analytical Exploration of Folded Waveguide Circuit Design for High-power Traveling-wave Tube Amplifier. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2011 , 32, 407-417	2.2	5
163	Left-Handed/Right-Handed Transmission Line Subwavelength Cavity Resonators. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 80-83	3.8	5
162	Investigation of the Slow-Wave Properties of a Dielectric-Lined Azimuthally Periodic Circular Waveguide for TWT. <i>IEEE Transactions on Electron Devices</i> , 2010 , 57, 2019-2026	2.9	5
161	Optical Realization of Wave-Based Analog Computing with Metamaterials. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 141	2.6	5
160	Multiphysics analysis for unusual heat convection in microwave heating liquid. <i>AIP Advances</i> , 2020 , 10, 085201	1.5	5
159	Complex Permittivity Measurement of High-Loss Biological Material with Improved Cavity Perturbation Method in the Range of 26.5-30 GHz. <i>Electronics (Switzerland)</i> , 2020 , 9, 1200	2.6	5
158	Investigation on a Ka Band Diamond-Supported Meander-Line SWS. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2020 , 41, 1460-1468	2.2	5
157	Microfabrication of A Conformal Microstrip Angular Log-periodic Meander Line TWT 2019 ,		4
156	Extended interaction oversized coaxial relativistic klystron amplifier with gigawatt-level output at Ka band. <i>Physics of Plasmas</i> , 2018 , 25, 043116	2.1	4
155	Study of a miniaturized dual-beam TWT with planar dielectric-rods-support uniform metallic meander line. <i>Physics of Plasmas</i> , 2018 , 25, 063113	2.1	4
154	Study on the ridge loaded azimuthal supported angular log-periodic strip meander line slow wave structure 2018 ,		4
153	Angular log-periodic meander line traveling wave tube based on quartz substrate 2018 ,		4
152	A high efficiency Q-band folded waveguide Traveling-Wave Tube 2014 ,		4

151	20.3: High power Ka-band Folded Waveguide Traveling-Wave Tube 2010 ,		4
150	Investigation of the Dielectric-Loaded Folded Waveguide Traveling-Wave Tube Amplifier. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2009 , 30, 1027-1037	2.2	4
149	Design of wide-band mode discriminator based on mode-selective coupling. <i>International Journal of Electronics</i> , 2008 , 95, 99-110	1.2	4
148	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
147	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
146	Characteristic Study of the Periodically Iris-Loaded Elliptical Waveguide for Slow-Wave Structures. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2005 , 26, 1355-1368		4
145	Study on an X-Band Sheet Beam Meander-Line SWS. <i>IEEE Transactions on Plasma Science</i> , 2020 , 48, 4149-4154	1.3	4
144	Ka-band dual sheet beam traveling wave tube using supported planar ring-bar slow wave structure. <i>Journal of Electromagnetic Waves and Applications</i> , 2020 , 34, 2236-2250	1.3	4
143	. <i>IEEE Microwave Magazine</i> , 2021 , 22, 18-33	1.2	4
142	Experimental Advances in 220 GHz Sheet-Beam Traveling-Wave Tubes 2019 ,		4
141	Designing a Water-Immersed Rectangular Horn Antenna for Generating Underwater OAM Waves. <i>Electronics (Switzerland)</i> , 2019 , 8, 1224	2.6	4
140	3-D Fast Nonlinear Simulation for Beam-Wave Interaction of Sheet Beam Traveling-Wave Tube. <i>IEEE Transactions on Electron Devices</i> , 2019 , 66, 1504-1511	2.9	4
139	Acoustic impact of the human skull on transcranial photoacoustic imaging. <i>Biomedical Optics Express</i> , 2021 , 12, 1512-1528	3.5	4
138	High-efficiency threshold-less Cherenkov radiation generation by a graphene hyperbolic grating in the terahertz band. <i>Carbon</i> , 2021 , 183, 225-231	10.4	4
137	Compact wideband MIMO antenna for 5G communication 2017 ,		3
136	Study on Radial Convergent Beam Angular Mirror Symmetrical Log-Periodic Strip Line SWS 2019 ,		3
135	Flexibly Extensible Planar Self-Isolated Wideband MIMO Antenna for 5G Communications. <i>Electronics (Switzerland)</i> , 2019 , 8, 994	2.6	3
134	The Effect of KcsA Channel on Lipid Bilayer Electroporation Induced by Picosecond Pulse Trains. <i>Journal of Membrane Biology</i> , 2020 , 253, 271-286	2.3	3

133	Investigation of angular log-periodic folded groove waveguide slow-wave structure for low voltage Ka-band TWT. <i>AIP Advances</i> , 2020 , 10, 035030	1.5	3
132	Investigation of low voltage angular log-periodic folded groove waveguide slow wave structure for G-band TWT 2018 ,		3
131	Numerical Study on Calcium Transport Through Voltage-Gated Calcium Channels in Response to Nanosecond Pulsed Electric Field. <i>IEEE Transactions on Plasma Science</i> , 2018 , 46, 2562-2572	1.3	3
130	Study of low voltage angular log-periodic slow wave structure for 340 GHz TWT 2019 ,		3
129	Study on Ka-band sheet-beam, three-slot-staggered-ladder coupled-cavity traveling-wave tube in a small tunable periodic cusped magnet. <i>Journal of Electromagnetic Waves and Applications</i> , 2017 , 31, 1924-1937	1.3	3
128	Dispersion, spatial growth rate, and start current of a Cherenkov free-electron laser with negative-index material. <i>Physics of Plasmas</i> , 2015 , 22, 083111	2.1	3
127	A D-band backward-wave oscillator based on quasi-parallel-plate slow-wave structure 2015 ,		3
126	Beam-wave interaction study on a novel Ka-band ring-shaped microstrip meander-line slow wave structure 2014 ,		3
125	Optimization of multi-gap extended output cavity for a G-band sheet beam extended interaction klystron 2014 ,		3
124	U-shaped microstrip meander-line slow-wave structure for Ka-band traveling-wave tube 2012 ,		3
123	A 140-GHz sheet electron beam sine waveguide traveling-wave tube 2011 ,		3
122	A 140 GHz staggered double vane backward wave oscillator 2012 ,		3
121	Recent advancements in sine waveguide for terahertz vacuum electron devices 2012 ,		3
120	Analysis of Elliptical Ridged Waveguide 2006 ,		3
119	Effect of Attenuator on BWO Start Oscillation Condition in a Helix Millimeter Wave TWT Under Magnetic Focusing. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2004 , 25, 1175-1182		3
118	8mm TE 13 Mode Gyrotron. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2003 , 24, 661-668		3
117	Compact reversed Cherenkov radiation oscillator with high efficiency. <i>Applied Physics Letters</i> , 2022 , 120, 053501	3-4	3
116	Thermoacoustic endoscopy. <i>Applied Physics Letters</i> , 2020 , 116, 013702	3-4	3

115	Focusing of the Sheet Electron Beam With Two-Plane Periodic Cusped Magnetic System for Terahertz TWTs. <i>IEEE Transactions on Electron Devices</i> , 2021 , 68, 3056-3062	2.9	3
114	Automated segmentation of retinal nonperfusion area in fluorescein angiography in retinal vein occlusion using convolutional neural networks. <i>Medical Physics</i> , 2021 , 48, 648-658	4.4	3
113	A numerical study for dielectric constant profile of aqueous solvent in ionic solution radiated by high-intensity electric pulses. <i>AIP Advances</i> , 2018 , 8, 115217	1.5	3
112	Sheet Beam Electron Gun with High Current for 220 GHz TWT 2018 ,		3
111	0.85 THz truncated sine waveguide traveling-wave tube with sheet beam tunnel. <i>Journal of Engineering</i> , 2018 , 2018, 665-668	0.7	3
110	Design of W-band sheet beam travelling wave tubes based on staggered double vane slow wave structure. <i>Journal of Engineering</i> , 2018 , 2018, 698-703	0.7	3
109	Oversized coaxial output cavity for Ka band relativistic klystron. <i>Journal of Engineering</i> , 2018 , 2018, 678-681	0.7	3
108	Dielectric-Supported Staggered Dual Meander-Line Slow Wave Structure for an E-Band TWT. <i>IEEE Transactions on Electron Devices</i> , 2021 , 68, 369-375	2.9	3
107	Maximizing the Field Emission Performance of Graphene Arrays. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
106	Interpretation of the molecular mechanism of the electroporation induced by symmetrical bipolar picosecond pulse trains. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020 , 1862, 183213	3.8	2
105	Theory, Simulation, and Analysis of the High-Frequency Characteristics for a Meander-Line Slow-Wave Structure Based on Field-Matching Methods With Dyadic Green's Function. <i>IEEE Transactions on Electron Devices</i> , 2020 , 67, 697-703	2.9	2
104	2-dimensional microstrip meander-line for broad band planar TWTs 2016 ,		2
103	High frequency characteristics of a metamaterial slow wave structure 2018 ,		2
102	A miniaturized high-gain, high-efficiency metamaterial assisted S-band extended interaction klystron 2019 ,		2
101	Surface waves excited from negative-index materials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 2345-2349	2.3	2
100	Sheet electron beam formation and transport in the uniform magnetic field 2013 ,		2
99	A novel angular log-periodic micro-strip meander-line slow wave structure for low-voltage and wideband traveling wave tube 2013 ,		2
98	A V-band folded waveguide TWT 2015 ,		2

97	An arbitrary staggered multi-vane traveling wave tube driven by double sheet electron beams 2015 ,		2
96	A 0.22 THz sine waveguide traveling-wave tube 2015 ,		2
95	Generation of high-power tunable terahertz-radiation by nonrelativistic beam-echo harmonic effect. <i>Physics of Plasmas</i> , 2013 , 20, 013303	2.1	2
94	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
93	Investigation into the Effect of Dielectric Loss on RF Characteristics of Helical SWS. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2008 , 29, 23-34		2
92	Discrimination and Analysis of Microwave Modes in High Power Systems. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2005 , 26, 147-161		2
91	Design of a Ka-Band Traveling Wave Tube Using Low Turn-On Field Emission Electron Source Made by Carbon Nanotubes. <i>IEEE Transactions on Plasma Science</i> , 2022 , 50, 29-35	1.3	2
90	Broadband and Integratable 2 D TWT Amplifier Unit for Millimeter Wave Phased Array Radar. <i>Electronics (Switzerland)</i> , 2021 , 10, 2808	2.6	2
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