

Viktor Krozer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3538392/publications.pdf>

Version: 2024-02-01

356
papers

4,977
citations

172207

29
h-index

123241

61
g-index

359
all docs

359
docs citations

359
times ranked

4179
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2017 terahertz science and technology roadmap. Journal Physics D: Applied Physics, 2017, 50, 043001.	1.3	1,160
2	CMOS Integrated Antenna-Coupled Field-Effect Transistors for the Detection of Radiation From 0.2 to 4.3 THz. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3834-3843.	2.9	232
3	THz Active Imaging Systems With Real-Time Capabilities. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 183-200.	2.0	224
4	Antenna-coupled field-effect transistors for multi-spectral terahertz imaging up to 425 THz. Optics Express, 2014, 22, 19235.	1.7	131
5	Design and Realization Aspects of 1-THz Cascade Backward Wave Amplifier Based on Double Corrugated Waveguide. IEEE Transactions on Electron Devices, 2013, 60, 1236-1243.	1.6	120
6	Terahertz Imaging Systems With Aperture Synthesis Techniques. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 2027-2039.	2.9	95
7	A High-Sensitivity AlGaIn/GaN HEMT Terahertz Detector With Integrated Broadband Bow-Tie Antenna. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 430-444.	2.0	90
8	Exploration of Terahertz Imaging with Silicon MOSFETs. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 63-80.	1.2	80
9	Coupled Transmission Lines as Impedance Transformer. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2957-2965.	2.9	70
10	High-sensitivity microwave power sensor for GaAs-MMIC implementation. Electronics Letters, 1996, 32, 2149.	0.5	69
11	Broadband Terahertz Power Detectors Based on 90-nm Silicon CMOS Transistors With Flat Responsivity Up to 2.2 THz. IEEE Electron Device Letters, 2018, 39, 1413-1416.	2.2	67
12	Integrated microwave power sensor. Electronics Letters, 1995, 31, 2187-2188.	0.5	63
13	Performance and performance variations of sub-1-THz detectors fabricated with 0.15- μ m CMOS foundry process. Electronics Letters, 2011, 47, 661.	0.5	62
14	CMOS detector arrays in a virtual 10-kilopixel camera for coherent terahertz real-time imaging. Optics Letters, 2012, 37, 536.	1.7	62
15	Modeling and design aspects of millimeter-wave and submillimeter-wave Schottky diode varactor frequency multipliers. IEEE Transactions on Microwave Theory and Techniques, 2000, 48, 700-711.	2.9	58
16	Submicron InP DHBT Technology for High-Speed High-Swing Mixed-Signal ICs. Compound Semiconductor Integrated Circuit Symposium (CSICS), IEEE, 2008, , .	0.0	57
17	ESA'S POLarimetric Airborne Radar Ice Sounder (POLARIS): design and first results. IET Radar, Sonar and Navigation, 2010, 4, 488.	0.9	54
18	Subharmonic Mixing With Field-Effect Transistors: Theory and Experiment at 639 GHz High Above f_{T} . IEEE Sensors Journal, 2013, 13, 124-132.	2.4	52

#	ARTICLE	IF	CITATIONS
19	\$W\$-Band Traveling Wave Tube Amplifier Based on Planar Slow Wave Structure. IEEE Electron Device Letters, 2017, 38, 126-129.	2.2	52
20	Towards Three-Dimensional Millimeter-Wave Radar With the Bistatic Fast-Factorized Back-Projection Algorithmâ€”Potential and Limitations. IEEE Transactions on Terahertz Science and Technology, 2012, 2, 432-440.	2.0	47
21	Radar-based structural health monitoring of wind turbine blades: The case of damage detection. Structural Health Monitoring, 2018, 17, 815-822.	4.3	47
22	Design and realisation of a microwave three-dimensional imaging system with application to breast-cancer detection. IET Microwaves, Antennas and Propagation, 2010, 4, 2200.	0.7	43
23	Camera for High-Speed THz Imaging. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 986-997.	1.2	40
24	New approach to the design and the fabrication of THz Schottky barrier diodes. IEEE Transactions on Microwave Theory and Techniques, 1993, 41, 549-557.	2.9	38
25	Realisation of microstrip junction circulator using LTCC technology. Electronics Letters, 2011, 47, 111.	0.5	38
26	Broadband thermoelectric microwave power sensors using GaAs foundry process. , 0, , .		37
27	0.25- GaN TeraFETs Optimized as THz Power Detectors and Intensity-Gradient Sensors. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 348-350.	2.0	37
28	SciFab -a wafer-level heterointegrated InP DHBT/SiGe BiCMOS foundry process for mm-wave applications. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 909-916.	0.8	36
29	Allâ€”Dielectric Silicon Metasurface with Strong Subterahertz Toroidal Dipole Resonance. Advanced Optical Materials, 2019, 7, 1900777.	3.6	32
30	Field-Effect Transistor Based Detectors for Power Monitoring of THz Quantum Cascade Lasers. IEEE Transactions on Terahertz Science and Technology, 2018, 8, 613-621.	2.0	30
31	Oscillator Phase Noise: A Geometrical Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 1373-1382.	3.5	28
32	Wideband Dual-Polarization Microstrip Patch Antenna Array for Airborne Ice Sounder. IEEE Antennas and Propagation Magazine, 2012, 54, 98-107.	1.2	27
33	Passive Detection and Imaging of Human Body Radiation Using an Uncooled Field-Effect Transistor-Based THz Detector. Sensors, 2020, 20, 4087.	2.1	27
34	Technology, Assembly, and Test of a <i>W</i>-Band Traveling Wave Tube for New 5G High-Capacity Networks. IEEE Transactions on Electron Devices, 2020, 67, 2919-2924.	1.6	27
35	Integrated 460 GHz photonic transmitter module. Electronics Letters, 2001, 37, 1347.	0.5	26
36	GaAs monolithic integrated microwave power sensor in coplanar waveguide technology. , 0, , .		25

#	ARTICLE	IF	CITATIONS
37	EM simulation accuracy enhancement for broadband modeling of on-wafer passive components. , 2007, , .		24
38	InP-DHBT-on-BiCMOS Technology With f_{T}/f_{max} of 400/350 GHz for Heterogeneous Integrated Millimeter-Wave Sources. IEEE Transactions on Electron Devices, 2013, 60, 2209-2216.	1.6	23
39	Comparison of X-ray-Mammography and Planar UWB Microwave Imaging of the Breast: First Results from a Patient Study. Diagnostics, 2018, 8, 54.	1.3	23
40	Field-effect transistors as electrically controllable nonlinear rectifiers for the characterization of terahertz pulses. APL Photonics, 2018, 3, .	3.0	21
41	Development of microfabricated planar slow-wave structures on dielectric substrates for miniaturized millimeter-band traveling-wave tubes. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2021, 39, .	0.6	21
42	Analysis and design of wide-band SiGe HBT active mixers. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 2389-2397.	2.9	20
43	Flip-Chip Interconnects for 250 GHz Modules. IEEE Microwave and Wireless Components Letters, 2015, 25, 358-360.	2.0	20
44	High-sensitivity wideband THz detectors based on GaN HEMTs with integrated bow-tie antennas. , 2015, , .		20
45	In-vivo, non-invasive detection of hyperglycemic states in animal models using mm-wave spectroscopy. Scientific Reports, 2016, 6, 34035.	1.6	20
46	Performance capabilities of HBT devices and circuits for satellite communication. IEEE Transactions on Microwave Theory and Techniques, 1992, 40, 1205-1214.	2.9	19
47	Pulsed stress reliability investigations of schottky diodes and HBTS. Microelectronics Reliability, 1996, 36, 1907-1910.	0.9	19
48	Nonlinear analysis of a cross-coupled quadrature harmonic oscillator. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 2276-2285.	0.1	19
49	TeraSCREEN: multi-frequency multi-mode Terahertz screening for border checks. Proceedings of SPIE, 2014, , .	0.8	19
50	RADAR IMAGING SYSTEM FOR IN-SERVICE WIND TURBINE BLADES INSPECTIONS: INITIAL RESULTS FROM A FIELD INSTALLATION AT A 2 MW WIND TURBINE. Progress in Electromagnetics Research, 2018, 162, 51-60.	1.6	19
51	Hyperspectral terahertz imaging with electro-optic dual combs and a FET-based detector. Scientific Reports, 2020, 10, 14429.	1.6	19
52	Improved Sidelobe-Suppression Microstrip Patch Antenna Array by Uniform Feeding Networks. IEEE Transactions on Antennas and Propagation, 2020, 68, 7339-7347.	3.1	19
53	A High Conversion-Gain Q -Band InP DHBT Subharmonic Mixer Using LO Frequency Doubler. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 613-619.	2.9	18
54	Molecular Spectroscopy With a Compact 557-GHz Heterodyne Receiver. IEEE Transactions on Terahertz Science and Technology, 2014, 4, 469-478.	2.0	18

#	ARTICLE	IF	CITATIONS
55	Flip-Chip Approach for 500 GHz Broadband Interconnects. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 1215-1225.	2.9	18
56	Tight Focus Toward the Future: Tight Material Combination for Millimeter-Wave RF Power Applications: InP HBT SiGe BiCMOS Heterogeneous Wafer-Level Integration. IEEE Microwave Magazine, 2017, 18, 74-82.	0.7	17
57	Transferred-Substrate InP/GaAsSb Heterojunction Bipolar Transistor Technology With f_{max} \sim 0.53 THz. IEEE Transactions on Electron Devices, 2018, 65, 3704-3710.	1.6	17
58	Characterisation of reliability of compound semiconductor devices using electrical pulses. Microelectronics Reliability, 1996, 36, 1891-1894.	0.9	16
59	Radar-based structural health monitoring of wind turbine blades: The case of damage localization. Wind Energy, 2018, 21, 676-680.	1.9	16
60	A Highly Efficient Ultrawideband Traveling-Wave Amplifier in InP DHBT Technology. IEEE Microwave and Wireless Components Letters, 2018, 28, 1029-1031.	2.0	16
61	Multifinger Indium Phosphide Double-Heterostructure Transistor Circuit Technology With Integrated Diamond Heat Sink Layer. IEEE Transactions on Electron Devices, 2016, 63, 1846-1852.	1.6	15
62	A 175 GHz Bandwidth High Linearity Distributed Amplifier in 500 nm InP DHBT Technology. , 2019, , .		15
63	Large-Signal Modeling of High-Speed InP DHBTs using Electromagnetic Simulation Based De-embedding. , 2006, , .		14
64	Square helix TWT for THz frequencies. , 2010, , .		14
65	Improved External Base Resistance Extraction for Submicrometer InP/InGaAs DHBT Models. IEEE Transactions on Electron Devices, 2011, 58, 3004-3011.	1.6	14
66	Microwave Radar Imaging of Heterogeneous Breast Tissue Integrating A Priori Information. International Journal of Biomedical Imaging, 2014, 2014, 1-10.	3.0	14
67	Sub-picosecond pulsed THz FET detector characterization in plasmonic detection regime based on autocorrelation technique. Semiconductor Science and Technology, 2018, 33, 124013.	1.0	14
68	A G-Band High Power Frequency Doubler in Transferred-Substrate InP HBT Technology. IEEE Microwave and Wireless Components Letters, 2016, 26, 49-51.	2.0	13
69	Analytical model for double split ring resonators with arbitrary ring width. Microwave and Optical Technology Letters, 2008, 50, 511-515.	0.9	12
70	200 GHz interconnects for InP-on-BiCMOS integration. , 2013, , .		12
71	On-wafer small-signal and large-signal measurements up to sub-THz frequencies. , 2014, , .		12
72	Optimization of the Design of Terahertz Detectors Based on Si CMOS and AlGaIn/GaN Field-Effect Transistors. International Journal of High Speed Electronics and Systems, 2016, 25, 1640013.	0.3	12

#	ARTICLE	IF	CITATIONS
73	Manufacturable Low-Cost Flip-Chip Mounting Technology for 300-500-GHz Assemblies. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 494-501.	1.4	12
74	EM simulation assisted parameter extraction for transferred-substrate InP HBT modeling. International Journal of Microwave and Wireless Technologies, 2018, 10, 700-708.	1.5	12
75	Broadband Sensing Around 1 THz Via a Novel Biquad-Antenna-Coupled Low-NEP Detector in CMOS. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 16-27.	2.0	12
76	The European project OPTHER for the development of a THz tube amplifier. , 2009, , .		11
77	Detectors for terahertz multi-pixel coherent imaging and demonstration of real-time imaging with a 12x12-pixel CMOS array. Proceedings of SPIE, 2012, , .	0.8	11
78	Design of a sparse antenna array for radar-based structural health monitoring of wind turbine blades. IET Radar, Sonar and Navigation, 2017, 11, 1259-1265.	0.9	11
79	Thermal noise-limited sensitivity of FET-based terahertz detectors. , 2017, , .		11
80	Surface Acoustic Wave-Based Microfluidic Coagulation Device for Monitoring Anticoagulant Therapy. Seminars in Thrombosis and Hemostasis, 2019, 45, 253-258.	1.5	11
81	CMOS integrated antenna-coupled field-effect-transistors for the detection of 0.2 to 4.3 THz. , 2012, , .		10
82	Small- and large-signal modeling of InP HBTs in transferred-substrate technology. International Journal of Microwave and Wireless Technologies, 2014, 6, 243-251.	1.5	10
83	A 246 GHz Hetero-Integrated Frequency Source in InP-on-BiCMOS Technology. IEEE Microwave and Wireless Components Letters, 2014, 24, 469-471.	2.0	10
84	W-band TWTs for new generation high capacity wireless networks. , 2016, , .		10
85	Fabrication of W-band TWT for 5G small cells backhaul. , 2017, , .		10
86	Imaging and Spectroscopic Sensing with Low-Repetition-Rate Terahertz Pulses and GaN TeraFET Detectors. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 262-272.	1.2	10
87	220-325 GHz high-isolation SPDT switch in InP DHBT technology. Electronics Letters, 2018, 54, 1222-1224.	0.5	10
88	Performance Analysis of a Low-Noise, Highly Linear Distributed Amplifier in 500-nm InP/InGaAs DHBT Technology. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5139-5147.	2.9	10
89	Breast Cancer Imaging using a 24 GHz Ultra-Wideband MIMO FMCW Radar: System Considerations and First Imaging Results. , 2020, , .		10
90	THz Active Imaging Systems with Real-Time Capabilities. NATO Science for Peace and Security Series B: Physics and Biophysics, 2014, , 153-187.	0.2	10

#	ARTICLE	IF	CITATIONS
91	Modeling and design aspects of millimeter-wave Schottky varactor frequency multipliers. , 1998, 8, 387-389.		9
92	Power Amplifier Design for E-band Wireless System Communications. , 2008, , .		9
93	Twelve-bit 20-GHz reduced size pipeline accumulator in 0.25â€¦[micro sign]m SiGe:C technology for direct digital synthesiser applications. IET Circuits, Devices and Systems, 2012, 6, 19.	0.9	9
94	A 330 GHz hetero-integrated source in InP-on-BiCMOS technology. , 2015, , .		9
95	Millimeter wave wireless system based on point to multipoint transmissions. , 2016, , .		9
96	Motion sensing of a wind turbine prototype using a bistatic FMCW Doppler radar sensor. , 2018, , .		9
97	An Ultra-Broadband Low-Noise Distributed Amplifier in InP DHBT Technology. , 2018, , .		9
98	Technology for D-band/G-band ultra capacity layer. , 2019, , .		9
99	Highly linear 90-170 GHz SPDT Switch with High Isolation for Fully Integrated InP Transceivers. , 2019, , .		9
100	Terahertz emission from biased AlGaIn/GaN high-electron-mobility transistors. Journal of Applied Physics, 2019, 125, 151614.	1.1	9
101	High Frequency Breast Imaging: Experimental Analysis of Tissue Phantoms. IEEE Open Journal of Antennas and Propagation, 2021, 2, 1098-1107.	2.5	9
102	Broadband Impedance Transformer Based on Asymmetric Coupled Transmission Lines in Nonhomogeneous Medium. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	8
103	1-THz cascade backward wave amplifier. , 2012, , .		8
104	(Invited) Combining SiGe BiCMOS and InP Processing in an on-top of Chip Integration Approach. ECS Transactions, 2014, 64, 177-194.	0.3	8
105	Three-dimensional InP-DHBT on SiGe-BiCMOS integration by means of Benzocyclobutene based wafer bonding for MM-wave circuits. Microelectronic Engineering, 2014, 125, 38-44.	1.1	8
106	A traveling wave tube for 92â€“95 GHz band wireless applications. , 2016, , .		8
107	A 330 GHz active frequency quadrupler in InP DHBT transferred-substrate technology. , 2016, , .		8
108	Numerical analysis of stochastic resonance in a bistable circuit. International Journal of Circuit Theory and Applications, 2017, 45, 625-635.	1.3	8

#	ARTICLE	IF	CITATIONS
109	Transmisson Hub and Terminals for Point to Multipoint W-Band Tweether System. , 2018, , .		8
110	Micro-optical prototyping of a surface acoustic wave-based point-of-care coagulation assay and first application in anticoagulated patients. International Journal of Clinical Pharmacology and Therapeutics, 2016, 54, 177-184.	0.3	8
111	A novel fabrication process and analytical model for Pt/GaAs Schottky barrier mixer diodes. Solid-State Electronics, 1994, 37, 169-180.	0.8	7
112	Modeling and design of InAs/AlSbâ€resonant tunneling diodes. Applied Physics Letters, 1995, 67, 3313-3315.	1.5	7
113	Broadband matching of dual-linear polarisation stacked probe-fed microstrip patch antenna. Electronics Letters, 2004, 40, 221.	0.5	7
114	The OPTHER project: Progress toward the THz amplifier. , 2011, , .		7
115	Microwave absorption properties of gold nanoparticle doped polymers. Solid-State Electronics, 2011, 57, 19-22.	0.8	7
116	Real-time CMOS terahertz camera employing plane-to-plane imaging with a focal-plane array of field-effect transistors. , 2013, , .		7
117	Random bounce algorithm: real-time image processing for the detection of bats and birds. Signal, Image and Video Processing, 2016, 10, 1449-1456.	1.7	7
118	Quality control of carbon-rubber tissue phantoms: Comparative MRI, CT, X-ray and UWB microwave measurements. , 2017, , .		7
119	Panel design of a MIMO imaging radar at W-band for space applications. , 2017, , .		7
120	EM simulation assisted parameter extraction for the modeling of transferred-substrate InP HBTs. , 2017, , .		7
121	Advanced Statistical Techniques for Noninvasive Hyperglycemic States Detection in Mice Using Millimeter-Wave Spectroscopy. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 237-245.	2.0	7
122	Numerical and experimental analysis of a transmission-based breast imaging system: a study of application to patients. International Journal of Microwave and Wireless Technologies, 2020, 12, 469-476.	1.5	7
123	A new GaAs power MESFET structure for improved power capabilities. IEEE Transactions on Microwave Theory and Techniques, 1989, 37, 1334-1339.	2.9	6
124	A physics-based temperature-dependent SPICE model for the simulation of high temperature microwave performance of HBT's and experimental results. , 0, , .		6
125	Thermal Coupling in Multi-finger Heterojunction Bipolar Devices. , 1997, , .		6
126	Analysis of photonic band-gap (PBG) structures using the FDTD method. Microwave and Optical Technology Letters, 2004, 41, 173-177.	0.9	6

#	ARTICLE	IF	CITATIONS
127	Large-signal PIN diode model for ultra-fast photodetectors. , 2005, , .		6
128	47.8â€¦GHz InP HBT quadrature VCO with 22% tuning range. Electronics Letters, 2007, 43, 153.	0.5	6
129	Development of an airborne ice sounding radar front-end. , 2007, , .		6
130	Theory of Injection-Locked Oscillator Phase Noise. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 312-325.	3.5	6
131	Silicon CMOS-based THz detection. , 2011, , .		6
132	Broadband Packaging of Photodetectors for 100 Gb/s Ethernet Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2013, 3, 422-429.	1.4	6
133	InP-Si BiCMOS Heterointegration Using a Substrate Transfer Process. ECS Transactions, 2013, 53, 245-254.	0.3	6
134	Millimeter-wave hetero-integrated sources in InP-on-BiCMOS technology. International Journal of Microwave and Wireless Technologies, 2014, 6, 225-233.	1.5	6
135	Terahertz rectification by plasmons and hot carriers in gated 2D electron gases. , 2015, , .		6
136	TWEETHER future generation W-band backhaul and access network technology. , 2017, , .		6
137	Classification of skin phenotypes caused by diabetes mellitus using complex scattering parameters in the millimeter-wave frequency range. Scientific Reports, 2017, 7, 5822.	1.6	6
138	Fabrication and measurements of a planar slow wave structure operating in V-band. , 2019, , .		6
139	Radarâ€¦based monitoring of glass fiber reinforced composites during fatigue testing. Structural Control and Health Monitoring, 2021, 28, e2812.	1.9	6
140	Reliability and micro-structural properties of GaAs Schottky diodes for submillimeter-wave applications. Solid-State Electronics, 1994, 37, 1925-1931.	0.8	5
141	Trade-off between phase-noise and signal quadrature in unilaterally coupled oscillators. , 2005, , .		5
142	A Novel HBT Frequency Doubler Design for Millimeter-Wave Applications. , 2006, , .		5
143	EM simulation accuracy enhancement for broadband modeling of on-wafer passive components. , 2007, , .		5
144	POLARIS: ESA's airborne ice sounding radar front-end design, performance assessment and first results. , 2009, , .		5

#	ARTICLE	IF	CITATIONS
145	Silicon CMOS-transistor-based detection up to 4.25 THz. , 2011, , .		5
146	300 GHz imaging with 8 meter stand-off distance and one-dimensional synthetic image reconstruction. Proceedings of SPIE, 2011, , .	0.8	5
147	Terahertz detection and coherent imaging from 0.2 to 4.3 THz with silicon CMOS field-effect transistors. , 2012, , .		5
148	A 315 GHz reflection-type push-push oscillator in InP-DHBT technology. , 2016, , .		5
149	Experimental phantom for contrast enhanced microwave breast cancer detection based on 3D-printing technology. , 2016, , .		5
150	An active balanced up-converter module in InP-on-BiCMOS technology. , 2017, , .		5
151	Design and Realization of a Band Pass Filter at D-band Using Gap Waveguide Technology. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 1469-1477.	1.2	5
152	Simulation of an Integrated UTC-Photodiode with a High-Speed TIA for 5G mm-Wave Generation. , 2020, , .		5
153	A Modular MIMO Millimeter-Wave Imaging Radar System for Space Applications and Its Components. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 275-324.	1.2	5
154	Ultra-wideband on-body elliptical monopole antenna. Electronics Letters, 2021, 57, 200-202.	0.5	5
155	Magnetron co-sputtered $\frac{1}{4}$ μm -thick Mo/Cu films as structural material with low heat extension for key parts of high-power millimeter-band vacuum microelectronic devices. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2022, 40, , .	0.6	5
156	A 5 kV nanosecond-risetime pulse generator gating an electro-optical shutter. Journal of Physics E: Scientific Instruments, 1984, 17, 204-207.	0.7	4
157	Accurate characterisation of DR coupling with new general-purpose CAD program. Electronics Letters, 1989, 25, 1026.	0.5	4
158	Accuracy of nonoscillating one-port noise measurements. IEEE Transactions on Instrumentation and Measurement, 1995, 44, 853-859.	2.4	4
159	Electrochemical Deposition of Pd, Ti, and Ge for Applications in GaAs Technology. Journal of the Electrochemical Society, 1996, 143, L73-L75.	1.3	4
160	Model for the decrease in HBT collector current under DC stress based on recombination enhanced defect reactions. Microelectronics Reliability, 2000, 40, 1733-1738.	0.9	4
161	Photonic (sub)millimeterwave local oscillators. , 0, , .		4
162	Design and analysis of planar printed microwave and PBG filters using an FDTD method. Microelectronics Journal, 2004, 35, 777-781.	1.1	4

#	ARTICLE	IF	CITATIONS
163	Performance evaluation of multiplication chains up to THz frequencies. , 0, , .		4
164	Optical far-IR wave generation - state-of-the-art and advanced device structures. , 2004, , .		4
165	Miniature Microwave Bandpass Filter Based on EBG Structures. , 2006, , .		4
166	Design of Subharmonically Pumped Schottky Mixers for Submillimetre-wave Applications. , 2006, , .		4
167	AM to PM noise conversion in a cross-coupled quadrature harmonic oscillator. International Journal of RF and Microwave Computer-Aided Engineering, 2006, 16, 34-41.	0.8	4
168	A Novel Method for HBT Intrinsic Collector Resistance Extraction from S-Parameters. , 2007, , .		4
169	Design and performance assessment of an airborne ice sounding radar front-end. , 2008, , .		4
170	Towards monolithically integrated CMOS cameras for active imaging with 600 GHz radiation. Proceedings of SPIE, 2012, , .	0.8	4
171	Characterization of Imperfections in a Martin-Puplett Interferometer Using Ray-Tracing. Journal of Infrared, Millimeter, and Terahertz Waves, 2012, 33, 1138-1148.	1.2	4
172	Terahertz dual-mode horn antenna with a vacuum window. , 2012, , .		4
173	Filter designs based on coupled transmission line model for double split ring resonators. Microwave and Optical Technology Letters, 2012, 54, 467-471.	0.9	4
174	Optimized Tera-FET detector performance based on an analytical device model verified up to 9 THz. , 2013, , .		4
175	A 38 TO 44 GHZ SUB-HARMONIC BALANCED HBT MIXER WITH INTEGRATED MINIATURE SPIRAL TYPE MARCHAND BALUN. Progress in Electromagnetics Research, 2013, 135, 317-330.	1.6	4
176	A 270 GHz push-push oscillator in InP-DHBT-on-BiCMOS technology. , 2014, , .		4
177	TWEETHER project for W-band wireless networks. , 2016, , .		4
178	Parallel architecture of a sine waveguide traveling wave tube amplifier. , 2018, , .		4
179	20 GHz Clock Frequency ROM-Less Direct Digital Synthesizer Comprising Unique Phase Control Unit in 0.25 μ m SiGe Technology. , 2018, , .		4
180	NiCr resistors for terahertz applications in an InP DHBT process. Microelectronic Engineering, 2019, 208, 1-6.	1.1	4

#	ARTICLE	IF	CITATIONS
181	TeraFET multi-pixel THz array for a confocal imaging system. , 2019, , .		4
182	A Numerical Study on Tomographic Imaging Using Guided Electromagnetic Waves. , 2020, , .		4
183	Towards radar barriers for animal fatality detection at wind turbines: numerical and preliminary experimental results. IET Radar, Sonar and Navigation, 2020, 14, 1767-1772.	0.9	4
184	A novel analytical approach for the nonlinear microwave circuits and experimental characterisation of the nonlinear behaviour of a new MESFET device structure. , 0, , .		3
185	GaAs monolithic integrated microwave power sensor in coplanar waveguide technology. , 0, , .		3
186	Calculation of the power capabilities of HBT amplifiers based on a new physical HBT model. The International Executive, 1996, 6, 270-280.	0.2	3
187	Characterisation of Schottky Diode Performance by Numerical Simulation Coupled with Harmonic Balance. , 1997, , .		3
188	Limitations in THz power generation with Schottky diode varactor frequency multipliers. , 0, , .		3
189	Investigation of interface charges at the heterojunction discontinuity in HBT devices. Solid-State Electronics, 2002, 46, 1273-1281.	0.8	3
190	A design of feeding network for a dual-linear polarization, stacked, probe-fed microstrip patch antenna array. , 0, , .		3
191	Study of Stratified Dielectric Slab Medium Structures Using Pseudo-spectral Time Domain (PSTD) Algorithm. Journal of Electromagnetic Waves and Applications, 2005, 19, 721-736.	1.0	3
192	Conversion Matrix Analysis of GaAs HEMT Active Gilbert Cell Mixers. , 2006, , .		3
193	Optimization of Packaging for PIN Photodiode Modules for 100Gbit/s Ethernet Applications. , 2007, , .		3
194	Optimization of integrated electro-absorption modulated laser structures for 100 Gbit/s ethernet using electromagnetic simulation. , 2007, , .		3
195	Submillimeter wave antenna With slow wave feed line. , 2009, , .		3
196	European research on THz vacuum amplifiers. , 2010, , .		3
197	Towards a THz backward wave amplifier in European OPTHER project. , 2010, , .		3
198	Harmonic distortion in a traveling wave tube at 850 GHz and its use in frequency multiplication. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
199	Terahertz Sensing and Imaging with Silicon Field-Effect Transistors up to 9 THz. , 2012, , .		3
200	Multifinger InP HBT's in transferred-substrate technology for 100 GHz power amplifiers. , 2012, , .		3
201	A 100 GHz millimeter wave radar system with 32 transmitters and 32 receivers for space applications. , 2012, , .		3
202	Physical based Schottky barrier diode modeling for THz applications. , 2013, , .		3
203	InP on BiCMOS technology platform for millimeter-wave and THz MMIC. , 2013, , .		3
204	Design of a ×4 subharmonic sub-millimeter wave diode mixer, based on an analytic expression for small-signal conversion admittance parameters. , 2013, , .		3
205	InP-Si BiCMOS Heterointegration Using a Substrate Transfer Process. ECS Journal of Solid State Science and Technology, 2014, 3, P17-P20.	0.9	3
206	Horizon 2020 TWEETHER project for W-band high data rate wireless communications. , 2015, , .		3
207	Radar-based detection of birds near wind energy plants: First experiences from a field study. , 2016, , .		3
208	A 200 mW InP DHBT W-band power amplifier in transferred-substrate technology with integrated diamond heat spreader. , 2016, , .		3
209	Performance study of a 248 GHz voltage controlled hetero-integrated source in InP-on-BiCMOS technology. International Journal of Microwave and Wireless Technologies, 2017, 9, 259-268.	1.5	3
210	Prototype system for microwave breast imaging: Experimental results from tissue phantoms. , 2018, , .		3
211	Highly Efficient D-Band Fundamental Frequency Source Based on InP-DHBT Technology. , 2018, , .		3
212	A Hetero-Integrated W-Band Transmitter Module in InP-on-BiCMOS Technology. , 2018, , .		3
213	Millimeter-wave imaging radar system design based on detailed system radar simulation tool. , 2018, , .		3
214	Early, Non-Invasive Sensing of Sustained Hyperglycemia in Mice Using Millimeter-Wave Spectroscopy. Sensors, 2019, 19, 3347.	2.1	3
215	A 300 GHz Active Frequency Tripler in Transferred-Substrate InP DHBT Technology. , 2019, , .		3
216	Sub-THz components for high capacity point to multipoint wireless networks. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
217	Development of Miniaturized Traveling-Wave Tubes With Planar Microstrip Slow-Wave Structures on Dielectric Substrates. , 2020, , .		3
218	A High-Isolation and Highly Linear Super-Wideband SPDT Switch in InP DHBT Technology. , 2020, , .		3
219	Range-Dependent Doppler Analysis for Rain Detection at Ka-Band: Numerical and Experimental Results From Laboratory and Field Measurements. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1027-1033.	2.3	3
220	Experimental results on the influence of temperature and humidity on FMCW radar signals at 60 GHz. , 2021, , .		3
221	A Highly Linear Dual-Stage Amplifier With Beyond 1.75-THz Gain-Bandwidth Product. IEEE Microwave and Wireless Components Letters, 2021, 31, 717-720.	2.0	3
222	Field-Effect Transistor-Based Detector for Hyperspectral THz Imaging. , 2020, , .		3
223	Radar-based Detection of Birds at Wind Turbine Installations: Results from a Field Study. , 2020, , .		3
224	Temperature dependence studies of tissue-mimicking phantoms for ultra-wideband microwave breast tumor detection. Biomedical Physics and Engineering Express, 2022, 8, 055017.	0.6	3
225	Inter modulation distortion analysis of cascaded MESFET amplifiers using Volterra series representation. International Journal of Electronics, 1985, 58, 693-708.	0.9	2
226	Future developments for Terahertz Schottky barrier mixer diodes. Archiv Fuer Elektrotechnik, 1993, 77, 57-59.	0.1	2
227	Tripler circuit design with Schottky varactors. , 0, , .		2
228	Defect detection and modelling using pulsed electrical stress for reliability investigations of InGaP HBT. Microelectronics Reliability, 2001, 41, 1567-1571.	0.9	2
229	Ultra-wideband MMICs for remote sensing applications. , 2003, , .		2
230	Numerical studies of stripline-typed photonic band-gap (PBG) structures using finite difference time domain (FDTD) method. Journal of Computational Electronics, 2006, 5, 53-61.	1.3	2
231	P-sounder: an airborne P-band ice sounding radar. , 2007, , .		2
232	Analytical model of planar double split ring resonator. , 2007, , .		2
233	Field emission vacuum triode: THz waveguide solutions for the transmission lines. , 2008, , .		2
234	P-band Polarimetric Ice Sounder: Concept and First Results. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
235	Packaging Aspects of Photodetector Modules for 100 Gbit/s Ethernet Applications. , 2008, , .		2
236	Behavioral electromagnetic models of high-speed photodiodes. Microwave and Optical Technology Letters, 2011, 53, 2530-2533.	0.9	2
237	Compressed sensing for three-dimensional microwave breast cancer imaging. , 2014, , .		2
238	Highly efficient 200-GHz fixed-frequency fundamental source in transferred-substrate InP DHBT technology. , 2014, , .		2
239	An efficient W-band InP DHBT digital power amplifier. , 2016, , .		2
240	Activity monitoring of bats in a laboratory flight tunnel using a 24 GHz FMCW radar system. , 2017, , .		2
241	An efficient W-band InP DHBT digital power amplifier. International Journal of Microwave and Wireless Technologies, 2017, 9, 1241-1249.	1.5	2
242	Replicability of a Millimeter-Wave Microstrip Bandpass Filter using Parallel Coupled Lines. , 2018, , .		2
243	An Active High Conversion Gain W-Band Up-Converting Mixer for Space Applications. , 2018, , .		2
244	W-band TWT for high capacity transmission hub for small cells backhaul. , 2018, , .		2
245	Quasi optical THz detectors in Si CMOS. , 2018, , .		2
246	A 95 GHz bandwidth 12 dBm output power distributed amplifier in InP-DHBT technology for optoelectronic applications. , 2018, , .		2
247	A 0.5 THz Signal Source with -11 dBm Peak Output Power Based on InP DHBT. , 2019, , .		2
248	High Output Power Ultra-Wideband Distributed Amplifier in InP DHBT Technology Using Diamond Heat Spreader. , 2020, , .		2
249	Elliptical monopole antenna design for the early breast cancer imaging at high frequencies. , 2021, , .		2
250	Radar-based Detection of Birds at Wind Turbines: Numerical Analysis for Optimum Coverage. , 2021, , .		2
251	Clinical assessment of W-band spectroscopy for non-invasive detection and monitoring of sustained hyperglycemia. Biomedical Optics Express, 2021, 12, 5008.	1.5	2
252	A study of amplitude-to-phase noise conversion in planar oscillators. International Journal of Circuit Theory and Applications, 2021, 49, 1-17.	1.3	2

#	ARTICLE	IF	CITATIONS
253	Studies on a Microfabricated Traveling-Wave Tube With Planar Microstrip Slow-Wave Structure. , 2021, , .		2
254	Remote Mechanical Vibration Sensing: A Comparison Between CW-Doppler Radar and Laser-Doppler Vibrometer Measurements. , 0, , .		2
255	Efficient active multiplier-based signal source for >300GHz system applications. Electronics Letters, 2019, 55, 1220-1221.	0.5	2
256	Development of a millimeter-band traveling-wave tube with a meander-line microstrip slow wave structure. , 2020, , .		2
257	Magnetron Sputtering Formation of Molybdenum-Copper Alloys for Fabrication of Millimeter-Band Planar Slow Wave Structures. , 2021, , .		2
258	Comparison of Photoconductive Antenna, TeraFET and Schottky Barrier Diode as Detectors for Continuous-Wave Terahertz. , 2020, , .		2
259	Package-PCB Near-Field Antenna Co-Design for K-Band Radar-based Breast Cancer Detection. , 2022, , .		2
260	Theoretische und experimentelle Untersuchung eines neuartigen GaAs-MeSFET-Frequenzverdopplers. Frequenz, 1988, 42, .	0.6	1
261	Ultra-wideband MMICs for remote sensing applications. , 2003, , .		1
262	Schottky diode-based mixers design and optimization at millimetre and submillimetre-wave bands. , 2005, , .		1
263	Wideband monolithic microwave integrated circuit frequency converters with GaAs mHEMT technology. , 2005, , .		1
264	Design of a planar Schottky diode based 200 GHz frequency multiplier. , 2006, , .		1
265	Electromagnetic modeling and optimization of packaged photodetector modules for 100 Gbit/s applications. , 2008, , .		1
266	Improvement of stopband performance in parallel-coupled bandpass filters using quasi-lumped elements. , 2008, , .		1
267	GaAs wideband low noise amplifier design for breast cancer detection system. , 2009, , .		1
268	Wireless and photonic high-speed communication technologies, circuits and design tools. , 2009, , .		1
269	InP DHBT MMICs for millimeter-wave front-ends. , 2009, , .		1
270	Transmission line model for coupled rectangular double split-ring resonators. Microwave and Optical Technology Letters, 2011, 53, 1311-1315.	0.9	1

#	ARTICLE	IF	CITATIONS
271	CMOS detector arrays for coherent THz imaging: From point-to-point towards plane-to-plane imaging configurations. , 2012, , .		1
272	All-electronic terahertz imaging: Planar emitters and detectors at 220 GHz in CMOS technology. , 2012, , .		1
273	Millimeter-wave non-destructive testing of a cured in place pipe sample. , 2013, , .		1
274	Terahertz edge detection with antenna-coupled field-effect transistors in 0.25 μm AlGaIn/GaN technology. , 2014, , .		1
275	Terahertz Detection with Field-effect Transistors: Intrinsic versus Device Sensitivity Limits. , 2014, , .		1
276	Radar-based tumor localization in heterogeneous breast tissue using a 3D permittivity model. , 2014, , .		1
277	A 250 GHz hetero-integrated VCO with 0.7 mW output power in InP-on-BiCMOS technology. , 2015, , .		1
278	G-band frequency doubler based on InP transferred-substrate technology. , 2015, , .		1
279	An efficient 290 GHz harmonic oscillator in transferred-substrate InP-DHBT technology. , 2015, , .		1
280	A Generalized Model of Noise Driven Circuits with Application to Stochastic Resonance. IEEE Transactions on Circuits and Systems I: Regular Papers, 2015, 62, 1981-1990.	3.5	1
281	Balanced G-band Gm-boosted frequency doublers in transferred substrate InP HBT technology. , 2016, , .		1
282	Towards thermal differential imaging for ultra-wideband microwave breast cancer detection. , 2016, , .		1
283	Radar-based detection of bats: Experiments in a laboratory flight tunnel. , 2016, , .		1
284	Investigation of a planar metamaterial slow wave structure for traveling wave tube applications. , 2017, , .		1
285	An Ultra-broadband Low-Noise Distributed Amplifier in InP DHBT Technology. , 2018, , .		1
286	Ultrabroadband Terahertz Detectors Based on CMOS Field-Effect Transistors with Integrated Antennas. , 2018, , .		1
287	Toward 100 Gbps wireless networks enabled by millimeter wave Traveling Wave Tubes. , 2018, , .		1
288	Design and modeling of an ultra-wideband low-noise distributed amplifier in InP DHBT technology. International Journal of Microwave and Wireless Technologies, 2019, 11, 635-644.	1.5	1

#	ARTICLE	IF	CITATIONS
289	A 0.5 THz Signal Source with -11 dBm Peak Output Power Based on InP DHBT. , 2019, , .		1
290	A 240 GHz Active Multiplier-Based Signal Source for Millimeter-Wave/Terahertz Applications. , 2019, , .		1
291	Microfabrication and Study of Planar Slow-Wave Structures for LowVoltage V-band and W-band Vacuum Tubes. , 2019, , .		1
292	Experimental Results on Rain Detection at Ka-Band based on Range-Doppler Signal Processing. , 2020, , .		1
293	Highly linear fundamental upâ€converter in InP DHBT technology for Wâ€band applications. Microwave and Optical Technology Letters, 2020, 62, 2513-2517.	0.9	1
294	Guided Electromagnetic Waves for Damage Localization in a Structural Health Monitoring Framework. Lecture Notes in Civil Engineering, 2021, , 185-192.	0.3	1
295	Advancement in high capacity wireless distribution above 140 GHz. , 2020, , .		1
296	High Conversion Gain Up-Converter with +5 dBm OP1dB in InP DHBT Technology for Ultra Capacity Wireless Applications. , 2021, , .		1
297	Design of a TWT Collector Integrable on the same Substrate of a Planar Slow Wave Structure. , 2021, , .		1
298	A D-Band Power Amplifier with 12dBm P1dB, 10% Power Added Efficiency in InP-DHBT Technology. , 2022, , .		1
299	A procedure for accurate noise measurements of one port devices with high reflection coefficients. , 0, , .		0
300	Application of transmission line pulses for reliability characterisation of high temperature devices. , 0, , .		0
301	A Galerkin Method Solution for Arbitrary Electromagnetic Problems using a Surface-Volume Formulation. , 1999, , .		0
302	Fast physics based wafer-level reliability characterisation. , 0, , .		0
303	Analysis of Photonic Band-Gap (PBG) Structure using Finite Difference Time Domain (FDTD) Algorithm. , 2002, , .		0
304	Applications of pseudo-spectral time domain (PSTD) method with unsplit anisotropic PML technique. , 0, , .		0
305	Defect detection and modelling using pulsed electrical stress for reliability investigations on InGaP HBT. , 0, , .		0
306	Numerical studies of EBG structures printed on CPW lines. , 2004, , .		0

#	ARTICLE	IF	CITATIONS
307	Analysis of photonic bandgap structures in stratified medium. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2005, 24, 1191-1199.	0.5	0
308	Ultra-broadband Nonlinear Microwave Monolithic Integrated Circuits in SiGe, GaAs and InP. , 2006, , .		0
309	Millimeter-Wave Integrated Circuit Design for Wireless and Radar Applications. , 2006, , .		0
310	Design of a terahertz CW photomixer based on PIN and superlattice PIN devices. , 2006, , .		0
311	De-embedding and modelling of pnp SiGe HBTs. , 2007, , .		0
312	Miniature wideband filter based on coupled-line sections and quasi-lumped element resonator. Microwave and Optical Technology Letters, 2007, 49, 2076-2079.	0.9	0
313	Packaging Aspects of Photodetector Modules for 100 Gbit/s Ethernet Applications. , 2008, , .		0
314	Analysis of Hybrid-Integrated High-Speed Electro-Absorption Modulated Lasers Based on EM/Circuit Co-simulation. , 2009, , .		0
315	Impedance Transformers. , 2010, , .		0
316	Quasioptical setup for transmission and reflection measurements. , 2012, , .		0
317	Low frequency noise characterisation of biased silicon CMOS terahertz detectors. , 2012, , .		0
318	Detection of 639-GHz radiation by sub-harmonic mixing in CMOS field-effect transistors. , 2012, , .		0
319	Scalable, monolithically-integrated detectors for THz imaging. , 2013, , .		0
320	Design of 825-GHz square helix travelling-wave tube. Electronics Letters, 2013, 49, 271-272.	0.5	0
321	A study on scaling behavior of responsivity and low frequency noise of Si MOSFET-based terahertz detectors. , 2013, , .		0
322	Foundry-processed detector arrays for terahertz spectroscopy and real-time imaging applications. , 2013, , .		0
323	Molecular spectroscopy with a compact 557 GHz heterodyne receiver. , 2013, , .		0
324	A stitched 24×24 field-effect transistor detector array and low-noise readout electronics for real-time imaging at 590 GHz. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
325	A Compressed Sensing Formulation based on I/Q-dictionary: Experimental case study at millimeter-wave frequencies. , 2015, , .		0
326	Real-time detection of the THz pulses from a THz OPO using AlGaIn/GaN TeraFETs. , 2016, , .		0
327	A 100 GHz fundamental oscillator with 25% efficiency based on transferred-substrate InP-DHBT technology. , 2016, , .		0
328	Terahertz emission from large AlGaIn/GaN field-effect transistors. , 2016, , .		0
329	Sensor structure concepts for the analysis or local radiation exposure of biological samples at terahertz and millimeter wave frequencies. Proceedings of SPIE, 2016, , .	0.8	0
330	Determination of hyperglycemic states in mice using millimeter-wave sensing. , 2017, , .		0
331	Use of functional principal components analysis in CW subTHz spectroscopy for hydrocarbon emulsified water assessment. , 2017, , .		0
332	Planar slow wave structures for millimeter-wave vacuum electron devices. , 2017, , .		0
333	Monitoring the evolution of hyperglycemia in mice using mm-wave spectroscopy. , 2017, , .		0
334	Multistatic Radar for Continuous Wind Turbine Blades Inspection: Results from a Field Study. , 2018, , .		0
335	Non-invasive Detection and Monitoring of Sustained Glycemic Fluctuations using Mm-Wave Spectroscopy. , 2018, , .		0
336	Folded waveguide traveling wave tube in a parallel configuration with a single electron beam. , 2018, , .		0
337	Millimeter wave spectroscopy system for blood coagulation measurements. , 2019, , .		0
338	Design and Numerical Analysis of a Ka-Band Patch Antenna for Structural Health Monitoring Applications. , 2019, , .		0
339	Polarization and sectioning characteristic of THz confocal microscopy. , 2019, , .		0
340	All-Dielectric Metasurfaces with Toroidal Multipole Resonances at sub-THz. , 2019, , .		0
341	Correction to "Broadband Terahertz Power Detectors Based on 90-nm Silicon CMOS Transistors With Flat Responsivity Up to 2.2 THz" [Sep 18 1413-1416]. IEEE Electron Device Letters, 2019, 40, 354-354.	2.2	0
342	A 119 GHz Bandwidth Distributed Amplifier with a $\hat{\pm}2$ ps Group Delay Variation. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
343	Toward the first D-band Point to multipoint wireless system field test. , 2021, , .		0
344	A generalized model of coupled oscillator phaseâ€œnoise response. International Journal of Circuit Theory and Applications, 0, , .	1.3	0
345	Compact 12Ã—12-Pixel THz Camera using AlGaIn/GaN HEMT Technology Operating at Room Temperature. , 2021, , .		0
346	An Efficient 400 GHz Active Multiplier-Based Signal Source for Terahertz Applications. , 2021, , .		0
347	GaAs high temperature devices. , 1997, , 204-266.		0
348	Optimization of the Design of Terahertz Detectors Based on Si CMOS and AlGaIn/GaN Field-Effect Transistors. , 2017, , .		0
349	Terahertz quantitative metrology using 300 GHz in-line digital holography. , 2019, , .		0
350	Hyperspectral Imaging using a THz dual-comb source. , 2020, , .		0
351	Studies on Millimeter-band Low-Voltage Traveling-Wave Tubes with Planar Meander-Line Slow-Wave Structures. , 2020, , .		0
352	Substrate-illuminated THz Antenna-coupled Detectors in CMOS: Analytical and Experimental Comparison of Various Designs. , 2020, , .		0
353	Optical Performance of Liquid Nitrogen Cooled Transistor-Based THz Detectors. , 2020, , .		0
354	Completely Passive Room-Temperature Imaging of Human Body Radiation Below 1 THz with Field-Effect Transistors. , 2020, , .		0
355	A 100 GHz Class-F-Like InP-DHBT PA with 25.4% PAE. , 2022, , .		0
356	Analysis andÃ¢Compensation ofÃ¢Relative Humidity andÃ¢Ice Formation Effects forÃ¢Radar-Based SHM Systems Embedded inÃ¢Wind Turbine Blades. Lecture Notes in Civil Engineering, 2023, , 772-781.	0.3	0