

Xiaodong Chen Chen

List of Publications by Year in descending order

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2571
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced THz MIMO Sparse Imaging Scheme Using Multipass Synthetic Aperture Focusing and Low-Rank Matrix Completion Techniques. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 659-669.	4.6	6
2	Wideband Dual-Circular-Polarization Antenna With High Isolation for Millimeter-Wave Wireless Communications. IEEE Transactions on Antennas and Propagation, 2022, 70, 1750-1763.	5.1	11
3	Novel Double-Ridged Waveguide Orthomode Transducer for mm-Wave Application. IEEE Microwave and Wireless Components Letters, 2022, 32, 5-8.	3.2	6
4	Low-Profile Circularly Polarized Staircase Curl Antenna Array With 2:1 Impedance and 50% AR Bandwidths for 5G mmW Communications. IEEE Transactions on Antennas and Propagation, 2022, 70, 3082-3087.	5.1	11
5	Wideband Circularly Polarized Septum Antenna Array With Ridge Gap Waveguide Feeding Network for Wireless Application. IEEE Transactions on Antennas and Propagation, 2022, 70, 3882-3887.	5.1	12
6	Fast Processing Approach for Near-Field Terahertz Imaging With Linear Sparse Periodic Array. IEEE Sensors Journal, 2022, 22, 4410-4424.	4.7	15
7	A Design Method of Three-Dimensional Multireflector Quasi-Optical Systems Based on Gaussian Beam Mode Analysis. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 798-802.	4.0	0
8	A High-Performance 330-GHz Subharmonic Mixer Using Schottky Diodes. IEEE Microwave and Wireless Components Letters, 2022, 32, 571-574.	3.2	5
9	Novel Band Gap Waveguide for Low-Loss and Dual Band Applications. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2610-2621.	4.6	7
10	A Novel Method to Broaden the Single-Mode Bandwidth of the Rectangular Waveguide. International Journal of Antennas and Propagation, 2022, 2022, 1-8.	1.2	0
11	A resonant cavity system for exposing cell cultures to intense pulsed RF fields. Scientific Reports, 2022, 12, 4755.	3.3	0
12	Unified Initial Preprocessing for Phaseless Characterization of Quiet Zone in Millimeter-Wave Compact Antenna Test Range. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1313-1317.	4.0	1
13	A Rising-Sun Anode Magnetron With Axial Waveguide Output in W-Band. IEEE Transactions on Electron Devices, 2022, 69, 3413-3418.	3.0	0
14	A Compact Dual-Polarized Filtering Antenna With Steep Cut-Off for Base-Station Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 5941-5946.	5.1	12
15	An Eight-Port Antenna Array for 5G MIMO Handset. , 2022, , .		0
16	Contactless Air-Filled Mode Selective Transmission Line. IEEE Microwave and Wireless Components Letters, 2022, 32, 1291-1294.	3.2	1
17	High-Gain Dual Circularly Polarized Antenna for Air-to-Ground Wireless Link. Chinese Journal of Electronics, 2022, 31, 555-561.	1.5	0
18	Microwave Exposure System on Cell Solution for Alzheimer's Disease Treatment. , 2022, , .		0

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19	A 3-D-Printed High-Dielectric Materials-Filled Pyramidal Double-Ridged Horn Antenna for Abdominal Fat Measurement System. IEEE Transactions on Antennas and Propagation, 2021, 69, 64-73.	5.1	13
20	A Wideband Circular-Polarized Beam Steering Dielectric Resonator Antenna Using Gravitational Ball Lens. IEEE Transactions on Antennas and Propagation, 2021, 69, 2963-2968.	5.1	16
21	Wideband Dual Circularly Polarized Antipodal Septum Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 3549-3554.	5.1	9
22	Design of a Compact and Low-Loss E-Band Filter Based on Multilayer Groove Gap Waveguide. IEEE Microwave and Wireless Components Letters, 2021, 31, 1211-1214.	3.2	7
23	Design of Millimeter-Wave Circularly Polarized Endfire Antenna and Multibeam Antenna Array for Wireless Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 8397-8406.	5.1	9
24	A Gaussian Beam Mode Analysis Method for 3-D Multi-Reflector Quasi-Optical Systems. Electronics (Switzerland), 2021, 10, 499.	3.1	2
25	A Novel Antenna for UHF RFID Near-Field Applications. Electronics (Switzerland), 2021, 10, 1310.	3.1	1
26	Novel Pattern-Diverse Millimeter-Wave Antenna With Broadband, High-Gain, Enhanced-Coverage for Energy-Efficient Unmanned Aerial Vehicle. IEEE Transactions on Vehicular Technology, 2021, 70, 4081-4087.	6.3	7
27	A wideband E-plane crossover coupler for terahertz applications. China Communications, 2021, 18, 245-254.	3.2	1
28	A Compact Phase-Controlled Pattern-Reconfigurable Dielectric Resonator Antenna for Passive Wide-Angle Beam Scanning. IEEE Transactions on Antennas and Propagation, 2021, 69, 2981-2986.	5.1	40
29	Minimum Representative Human Body Model Size Determination for Link Budget Calculation in Implanted Medical Devices. Applied Sciences (Switzerland), 2021, 11, 6032.	2.5	2
30	Phaseless Characterization of Compact Antenna Test Range via Improved Alternating Projection Algorithm. Electronics (Switzerland), 2021, 10, 1545.	3.1	6
31	Characteristics of Pseudospark Discharge in Particle-in-Cell Simulations. IEEE Transactions on Electron Devices, 2021, 68, 3003-3009.	3.0	8
32	Passive-Shaped Beam Synthesis Using Pattern Diversity Dielectric Resonator Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1115-1119.	4.0	3
33	Design of Low Cross-Polarization Tri-Reflector CATR with Standard Quadric Surfaces Working in Terahertz. Electronics (Switzerland), 2021, 10, 1727.	3.1	0
34	E-band high aperture efficiency reflector antenna with adjustable beamwidth. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22817.	1.2	1
35	Metasurface Concept for mm-Wave Wideband Circularly Polarized Horns Design. IEEE Transactions on Antennas and Propagation, 2021, 69, 4313-4322.	5.1	6
36	Pseudospark-sourced beam and its application in high-power millimeter-wave generation. Scientific Reports, 2021, 11, 19076.	3.3	6

#	ARTICLE	IF	CITATIONS
37	A 200â€“225-GHz Manifold-Coupled Multiplexer Utilizing Metal Waveguides. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5327-5333.	4.6	51
38	Design of a W-band rising-sun anode magnetron. , 2021, , .		0
39	Wideband Dual-Circular-Polarization Antenna based on the Grooved-Wall Horn Antenna for Millimeter-Wave Wireless Communications. , 2021, , .		1
40	Pattern Synthesis Method Based on Gaussian Beam Mode Analysis. , 2021, , .		0
41	Design of High Performance Terahertz Tri-reflector CATR with Ultra-Large Aperture. , 2021, , .		1
42	Design of Dual-Band High-Power Backward Wave Oscillator using Double Staggered Grating and Pseudospark-Sourced Sheet Beam. , 2021, , .		2
43	Simulations of pseudospark discharge and its generated beam to drive a THz EIO. , 2021, , .		0
44	Synthesis Technology of Shaped Reflector. , 2021, , .		0
45	A Shared-Aperture Dielectric Resonator Antenna with Linear and Circular Polarization Diversity. , 2021, , .		0
46	Characteristics of Pseudospark-Sourced Beam and its Application in THZ Sources. , 2021, , .		0
47	Fourier Compatible Near-Field Multiple-Input Multiple-Output Terahertz Imaging With Sparse Non-Uniform Apertures. IEEE Access, 2021, 9, 157278-157294.	4.2	14
48	A Novel Mode-Selective Transmission Line with low loss Using Glide-symmetric holey structure. , 2021, , .		0
49	A Method for Sensing the Liquid in Infusion Bag. , 2021, , .		0
50	Wideband Millimeter-wave Slot Antenna Using Dielectric Cover for Gain Enhancement. , 2021, , .		0
51	A Low-Profile Broadband Nonuniform Metasurface Antenna for 5G Terminal Applications. , 2021, , .		1
52	A Novel Wideband E-plane Crossover and Its Application on Multi-beam Antenna Array. , 2021, , .		0
53	A W-band Dielectric Loaded Antenna with Sum and Difference Beams for Unmanned Aerial Vehicle. , 2021, , .		0
54	Wideband circularly polarised horn antenna with large aspect ratio for terahertz applications. Electronics Letters, 2020, 56, 11-13.	1.0	11

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55	Wideband Circularly Polarized Horn Antenna Exploiting Open Slotted End Structure. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 267-271.	4.0	21
56	Millimeter-Wave Rectangular Dielectric Resonator Antenna Array With Enlarged DRA Dimensions, Wideband Capability, and High-Gain Performance. IEEE Transactions on Antennas and Propagation, 2020, 68, 3271-3276.	5.1	51
57	A THz Imaging System Using Linear Sparse Periodic Array. IEEE Sensors Journal, 2020, 20, 3285-3292.	4.7	19
58	Dielectric Resonator Antenna Fed by the Surface-wave Goubau line. , 2020, , .		0
59	Broadband Transition from Rectangular Waveguide to Groove Gap Waveguide for mm-Wave Contactless Connections. Electronics (Switzerland), 2020, 9, 1820.	3.1	1
60	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
61	Study on Wideband THz Backward Wave Oscillator Driven by Pseudospark-Sourced Sheet Electron Beam. IEEE Transactions on Electron Devices, 2020, 67, 3395-3402.	3.0	13
62	Wideband grooved-wall circularly polarised horn antenna. IET Microwaves, Antennas and Propagation, 2020, 14, 1171-1174.	1.4	3
63	Novel UHF RFID Near-Field Reader Antenna with Uniform Vertical Electric Field Distribution. International Journal of Antennas and Propagation, 2020, 2020, 1-13.	1.2	1
64	Theoretical and experimental verification of a fast two-dimensional Gaussian beam mode analysis method. IET Microwaves, Antennas and Propagation, 2020, 14, 1162-1170.	1.4	2
65	THz sparse periodic array imaging system using compressed sensing. IET Microwaves, Antennas and Propagation, 2020, 14, 1157-1161.	1.4	4
66	Element Mutual Coupling Effect in a Wideband Planar Aperiodic Sparse Phased Array. , 2020, , .		2
67	Phase-Controlled Pattern Diversity Antenna for 360° Continuous Beam Steering. , 2020, , .		1
68	A Digital Controlled Pulse Generator for a Possible Tumor Therapy Combining Irreversible Electroporation With Nanosecond Pulse Stimulation. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 595-605.	4.0	10
69	Doomed Couple of Diamond with Terahertz Frequency: Hyperfine Quality Discrimination and Complex Dielectric Responses of Diamond in the Terahertz Waveband. ACS Applied Electronic Materials, 2020, 2, 1459-1469.	4.3	6
70	Analysis and design of novel wideband and high efficiency millimeter-wave antenna arrays for 60-GHz applications. Frontiers of Information Technology and Electronic Engineering, 2020, 21, 128-143.	2.6	1
71	Circular Polarized 3-D-Printed Dielectric Loaded Antenna Using Inset Waveguide-to-Dielectric Transition for 5G Millimeter-Wave Application. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1929-1932.	4.0	9
72	Analysis of Welding Pad for Terahertz Hybrid Integrated Mixer. IEEE Access, 2020, 8, 22506-22514.	4.2	2

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73	Design of a compact multiband circularly polarized antenna for global navigation satellite systems and 5G/B5G applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22182.	1.2	11
74	Development of a Wideband 220-GHz Subharmonic Mixer Based on GaAs Monolithic Integration Technology. IEEE Access, 2020, 8, 31214-31226.	4.2	6
75	A two-dimensional quasi-optical system design method with low cross-polarization based on Gaussian beam mode analysis. Microwave and Optical Technology Letters, 2020, 62, 2728-2736.	1.4	2
76	Highly Integrated Resonant Tunneling Diode with Rectangular Waveguide Output for W-Band Communication System. Electronics (Switzerland), 2020, 9, 485.	3.1	0
77	Compact Wideband Circularly Polarized Septum Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 7584-7588.	5.1	9
78	A Gaussian Beam Method for Push-Broom Antenna Design. IEEE Transactions on Antennas and Propagation, 2020, 68, 8144-8149.	5.1	0
79	THz Personnel Screening System with Multi-pass Interferometric Synthetic Aperture Technique. , 2020, , .		2
80	A Millimeter-wave Communication System Over A Cable. , 2020, , .		2
81	Wideband Circularly Polarized Parallel-Plate Antenna for Millimeter-wave Applications. , 2020, , .		0
82	Comparison of Metal and Dielectric Millimeter-wave Antennas in 3D Printed Complementary Structures. , 2020, , .		1
83	Compact THz Extended Interaction Oscillator Driven by a Pseudospark-sourced beam. , 2020, , .		0
84	A 170-260 GHz CPW to Waveguide Contactless Transition Using Interdigital-pin EBG Structure. , 2020, , .		1
85	A Circularly Polarized Horn Antenna for the Compact Antenna Test Range. , 2020, , .		0
86	Application of Compact Antenna Test Range in Terahertz Antenna Measurement. , 2020, , .		3
87	A Wideband Circularly Polarized Cassegrain Antenna. , 2020, , .		0
88	Axial Displaced Ellipse Reflector Antenna with Adjustable Beamwidth for E-band Wireless Link. , 2020, , .		2
89	Circularly Polarized Dielectric Resonator Antenna with Continuous Beam Steering. , 2020, , .		0
90	Deep-Learning-based Inverse Modelling with CMA-ES as Applied to the Design of A Wideband High-isolation Septum Polarizer. , 2020, , .		0

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91	A Novel Multi-polarization UHF RFID Reader Antenna for Near-field Applications. , 2020, , .		1
92	A circularly polarized horn antenna with elliptical waveguide polarizer. Microwave and Optical Technology Letters, 2019, 61, 2681-2686.	1.4	1
93	3d Beam Reconfigurable THz Antenna with Graphene-Based High-Impedance Surface. Electronics (Switzerland), 2019, 8, 1291.	3.1	19
94	Optimization algorithm of Gaussian beam expansion Based on Point matching. , 2019, , .		0
95	A Wideband Dual-Circular-Polarization Horn Antenna for mmWave Wireless Communications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1726-1730.	4.0	44
96	A 3D-Printed High-Dielectric Filled Elliptical Double-Ridged Horn Antenna for Biomedical Monitoring Applications. IEEE Access, 2019, 7, 94977-94985.	4.2	12
97	Multipolarized Reader Antenna With Periodic Units Based on Electric Field Coupling for UHF RFID Near-Field Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 5265-5271.	5.1	15
98	A 220-GHz Third-Harmonic Mixer Based on Balanced Structure and Hybrid Transmission Line. IEEE Access, 2019, 7, 50007-50011.	4.2	8
99	WR-2.8 Band Pseudoelliptic Waveguide Filter Based on Singlet and Extracted Pole Resonator. IEEE Access, 2019, 7, 54705-54711.	4.2	15
100	A Wideband Circularly Polarized Horn Antenna With a Tapered Elliptical Waveguide Polarizer. IEEE Transactions on Antennas and Propagation, 2019, 67, 3695-3703.	5.1	11
101	A Novel 220-GHz GaN Diode On-Chip Tripler With High Driven Power. IEEE Electron Device Letters, 2019, 40, 780-783.	3.9	85
102	A Novel 3-dB Waveguide Hybrid Coupler for Terahertz Operation. IEEE Microwave and Wireless Components Letters, 2019, 29, 273-275.	3.2	20
103	Broadband compact smooth horn with flat-top radiation pattern. Electronics Letters, 2019, 55, 119-120.	1.0	2
104	Optimization of A Wideband Planar Sparse Array Based on Danzer Aperiodic Tiling. , 2019, , .		1
105	Enhancing the Aperture Usage Efficiency of Single Reflector Compact Antenna Test Range Using 10 Å— 10 Antenna Array. , 2019, , .		1
106	Gaussian beam modes analysis for uncertain off-axis mirror's parameters. , 2019, , .		1
107	A High-Gain Antenna with Dual Circular Polarization for W-band mmWave Wireless Communications. , 2019, , .		3
108	Compact high-power millimetre wave sources driven by pseudospark-sourced electron beams. IET Microwaves, Antennas and Propagation, 2019, 13, 1794-1798.	1.4	9

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109	Iteration-phase retrieval for quiet zone of compact antenna test ranges. , 2019, , .		1
110	Millimeter-Wave (MMW) Wideband Circularly Polarized Antenna Based on Gap-Waveguide. , 2019, , .		0
111	Experimental Verification of a THz SPA Imaging System Using Compressive Sensing. , 2019, , .		1
112	A fast analysis algorithm for 2D multi-reflector quasi-optical system based on Gaussian beam mode analysis. , 2019, , .		2
113	A Magnetolectric Dipole Leaky-Wave Antenna for Open Stopband Suppression. , 2019, , .		1
114	W Band Imaging System Using Linear Sparse Periodic Antenna Array and Compressive Sensing for Personnel Screening. IEEE Access, 2019, 7, 173603-173611.	4.2	4
115	High speed wireless communication system at W-band. , 2019, , .		2
116	Design of a Passive RFID Yagi-Uda Sensor Tag Antenna. , 2019, , .		0
117	Gaussian beam modes analysis for off-axis mirror with feed position displacement. , 2019, , .		4
118	Analysis of Location Errors between Components in Large-Aperture Compact Antenna Test Range. , 2019, , .		0
119	Application of Faraday rotator in transceiver isolation system. , 2019, , .		1
120	A W-band Compact Circularly Polarized Horn Antenna. , 2019, , .		1
121	Design of 0.365-THz Backward Wave Oscillator using Staggered Double Grating SWS and Sheet Beam. , 2019, , .		1
122	Design of High Efficiency Linearly Polarized 8 Å— 8 Millimeter-Wave Antenna Array. , 2019, , .		1
123	A Wideband Contactless CPW to W -Band Waveguide Transition. IEEE Microwave and Wireless Components Letters, 2019, 29, 706-709.	3.2	15
124	Mode Analyzing Method for Fast Design of Branch Waveguide Coupler. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4733-4740.	4.6	12
125	Full D-band Coplanar to Rectangular Waveguide Transition for UTC-PD Application. , 2019, , .		3
126	Forã€shaped wideband circularly polarised antenna. Electronics Letters, 2019, 55, 1267-1269.	1.0	1

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127	Compact Wideband Circularly Polarized Antipodal Curvedly Tapered Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 666-669.	4.0	12
128	Frequency Mixer Based on Doppler Effect. IEEE Microwave and Wireless Components Letters, 2018, 28, 43-45.	3.2	6
129	Double-square and gridded-square loop frequency-selective surface in the K-band. Microwave and Optical Technology Letters, 2018, 60, 1136-1142.	1.4	2
130	Optimal Spatial Sampling Criterion in a 2D THz Holographic Imaging System. IEEE Access, 2018, 6, 8173-8177.	4.2	9
131	Assessment of exposure to radio frequency electromagnetic fields from smart utility meters in GB; 200-216.	1.6	8
132	Design of A Broadband Vertically Polarized Omnidirectional Array Based on Vivaldi Antenna. , 2018, , .		0
133	A SIW Based Millimeter-Wave Slot Antenna with Circular Polarization. , 2018, , .		0
134	Design of Ultra-Wideband Optically Transparent Antenna. , 2018, , .		0
135	A THz Imaging System Using Sparse Antenna Array for Security Screening. , 2018, , .		7
136	A Gain Enhanced Dielectric Resonator Antenna Covering 62-78 GHz Band for 5G Applications. , 2018, , .		1
137	A Continuously Tunable Pattern Reconfigurable Dielectric Resonator Antenna for IEEE 802.11ac Applications. , 2018, , .		0
138	MIMO Antennas for Smart 5G Devices. IEEE Access, 2018, 6, 77014-77021.	4.2	70
139	Millimeter-Wave Frequency Beam Scanning Array With a Phase Shifter Based on Substrate-Integrated-Waveguide. IEEE Access, 2018, 6, 47408-47414.	4.2	19
140	Study on 94GHz Imaging System Using Sparse Periodic Linear Antenna Array and Compressive Sensing. , 2018, , .		1
141	Design of a Coaxial Feed Horn for High Efficiency Compact Antenna Test Range. , 2018, , .		3
142	The phase retrieval of quiet zone in CATR with G-S algorithm. , 2018, , .		0
143	Analysis of coplanar-to-rectangular waveguide transition at D-band for UTC-PD THz source. , 2018, , .		2
144	Analysis and Design of a Low-Cost Circularly Polarized Horn Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 7363-7367.	5.1	20

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145	Analysis and Design of a Wideband Endfire Circularly Polarized Septum Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 5783-5793.	5.1	26
146	High Gain, Broadband and Dual-Polarized Substrate Integrated Waveguide Cavity-Backed Slot Antenna Array for 60 GHz Band. IEEE Access, 2018, 6, 31012-31022.	4.2	75
147	A high-gain and broadband dielectric resonator antenna array with substrate-integrated-waveguide feed network for 67GHz. , 2018, , .		2
148	Design of a Multipolarized RFID Reader Antenna for UHF Near-Field Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 3344-3351.	5.1	25
149	Wideband circularly polarised cavity backed monopole antenna for global navigation satellite systems. IET Microwaves, Antennas and Propagation, 2017, 11, 503-512.	1.4	5
150	Wideband Circularly Polarized Antipodal Curvedly Tapered Slot Antenna Array for 5G Applications. IEEE Journal on Selected Areas in Communications, 2017, 35, 1539-1549.	14.0	46
151	Circularly Polarized Substrate-Integrated Waveguide Tapered Slot Antenna for Millimeter-Wave Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2358-2361.	4.0	30
152	Compact wideband circularly polarized slotted ground plane antenna for mobile terminals. , 2017, , .		1
153	Design of dual-band compact ceramic chip antenna for terminal applications. , 2017, , .		4
154	Design of novel tanh/linear dual profiled smooth horn with low sidelobes. Electronics Letters, 2017, 53, 371-373.	1.0	5
155	Laser heating of metallic nanoparticles for photothermal ablation applications. AIP Advances, 2017, 7, .	1.3	28
156	Increasing the Effective Range of Smart Meter Home Area Network. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2898-2901.	4.0	3
157	A Broadband Near-Field UHF RFID Reader Antenna With Low Far-Field Gain. IEEE Transactions on Antennas and Propagation, 2017, 65, 4869-4874.	5.1	19
158	The design of 220GHz waveguide power divider for multi-channel radiometer front end. , 2017, , .		1
159	A dual-polarized wideband substrate-integrated-waveguide-fed slot antenna array for 60 GHz. , 2017, , .		0
160	A Meander Line UHF RFID Reader Antenna for Near-field Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 82-91.	5.1	46
161	Design and performance analysis of pattern reconfigurable MIMO antennas for mobile smartphones. Microwave and Optical Technology Letters, 2017, 59, 148-156.	1.4	13
162	Design and Study of a Circular Polarised Conical-Disc-Backed Spiral Antenna for X-Band Applications. IEEE Access, 2017, 5, 21344-21354.	4.2	7

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163	Design and experimental verification of wire grid polarizer on dielectric substrate for quasi-optical network system. , 2017, , .		0
164	Research on terahertz reflectarray based on graphene surface and PET substrate. , 2017, , .		3
165	Investigation of THz image reconstruction by transposed convolution algorithm. , 2017, , .		0
166	Study on a sparse antenna array for terahertz imaging. , 2017, , .		0
167	Investigation of Frequency-Selective Surfaces for a THz Gyromultiplier Output System. IEEE Transactions on Electron Devices, 2017, 64, 4678-4685.	3.0	8
168	Study of frequency-alterable microstrip antenna based on temperature sensing material. , 2017, , .		0
169	Study of reconfigurable circular polarization GNSS antenna. , 2017, , .		0
170	Design of graphene terahertz reflectarray based on boron nitride substrate. , 2017, , .		0
171	Design and research of highly selective frequency selective surfaces. , 2017, , .		0
172	Fast analysis of dual-reflectors quasi-optical system based on point matching method and Gaussian beam tracing. , 2017, , .		0
173	Parametric study on patch antenna based on silver nanowires. , 2017, , .		0
174	RCS reduction study of THz microstrip antenna based on ITO absorbing structure. , 2017, , .		3
175	A wideband dual-polarized slot antenna array for high-gain millimeter-wave communications. , 2017, , .		1
176	Ultra-low sidelobe and high gain millimeter wave microstrip array antenna. , 2017, , .		4
177	Design of Optically Transparent Antenna with Directional Radiation Patterns. International Journal of Antennas and Propagation, 2017, 2017, 1-7.	1.2	16
178	Investigation of a 210 GHz spatial harmonic magnetron using 3-D particle-in-cell simulation. , 2017, , .		1
179	Doppler effect based mixer for microwave frequency. , 2017, , .		0
180	Hepta-band coupled-fed antenna for metal-ring-frame WWAN/LTE smartphone applications. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 633-639.	1.2	7

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181	MIMO antennas for next generation mobile terminals. , 2016, , .		2
182	Design of a 94 GHz compact corrugated horn with ultra-low sidelobe. , 2016, , .		1
183	Design of a novel meander line reader antenna for UHF near-field RFID. , 2016, , .		4
184	On the limitation of ultra-wideband technique for medical scanning systems. , 2016, , .		3
185	Compact ultra-wideband double-ridged horn antennas for medical imaging. , 2016, , .		5
186	A novel Wide-Band reflection-based system for measuring abdominal fat in humans. , 2016, , .		5
187	Numerical study of terahertz circular polarized substrate lens dipole antennas for polarization sensitive detectors. International Journal of Microwave and Wireless Technologies, 2016, 8, 623-631.	1.9	0
188	Circular beam-reconfigurable antenna base on graphene-metal hybrid. Electronics Letters, 2016, 52, 494-496.	1.0	28
189	Graphene-metal based tunable band-pass filters in the terahertz band. IET Microwaves, Antennas and Propagation, 2016, 10, 1570-1575.	1.4	17
190	Design of frequency selective surfaces for a gyro-multiplier output system. , 2016, , .		0
191	Analysis and Design of a Novel Circularly Polarized Antipodal Linearly Tapered Slot Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 4178-4187.	5.1	42
192	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
193	Doppler effect in zero-index metamaterials. , 2016, , .		0
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195	The improvement of transmittance in capacitive grid polarizer with dielectric substrates by antireflection coating. , 2016, , .		0
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