

Xue-Xia Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Compact and Wideband Crossed Dipole Antenna Using Coupling Stub for Circular Polarization. IEEE Transactions on Antennas and Propagation, 2022, 70, 27-34.	5.1	8
2	A Low-Profile Beam-Steering Reflectarray With Integrated Leaky-Wave Feed and 2-Bit Phase Resolution for Ka-Band SatCom. IEEE Transactions on Antennas and Propagation, 2022, 70, 1884-1894.	5.1	11
3	Compact-Size Ultra-Wideband Circularly Polarized Antenna With Stable Gain and Radiation Pattern. IEEE Transactions on Antennas and Propagation, 2022, 70, 943-952.	5.1	17
4	A Single-Layer 10-30 GHz Reflectarray Antenna for the Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 1480-1490.	6.3	22
5	Low-Profile All-Textile Multiband Microstrip Circular Patch Antenna for WBAN Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 779-783.	4.0	32
6	Wideband Back-Cover Antenna Design Using Dual Characteristic Modes With High Isolation for 5G MIMO Smartphone. IEEE Transactions on Antennas and Propagation, 2022, 70, 5254-5265.	5.1	26
7	Wideband Differentially-Fed Slot Antenna and Array With Circularly Polarized Radiation for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 5418-5429.	5.1	5
8	An Ultrathin Frequency Selective Resorber Based on Electromagnetic Composite Absorption. IEEE Transactions on Antennas and Propagation, 2022, 70, 6813-6824.	5.1	2
9	Progress of Rectenna Arrays for Microwave Power Transmission Systems. Advances in Astronautics Science and Technology, 2022, 5, 49.	0.8	2
10	Theory and Experiment of Pulse Wave Rectifier with High Efficiency. Electronics (Switzerland), 2022, 11, 1274.	3.1	1
11	A Miniaturized Differentially Fed Patch Antenna Based on Capacitive Slots. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1472-1476.	4.0	4
12	A Low Profile Circularly Polarized Beam Scanning Patch Array Fed by Parallel Plate Waveguide. IEEE Transactions on Antennas and Propagation, 2022, 70, 7384-7392.	5.1	3
13	Broadband High-Gain SIW Horn Antenna Loaded With Tapered Multistrip Transition and Dielectric Slab for mm-Wave Application. IEEE Transactions on Antennas and Propagation, 2022, 70, 5947-5952.	5.1	15
14	Low-Profile Dual-Band Magneto-Electric Dipole Antenna Loaded With Metasurface. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1492-1496.	4.0	3
15	Modeling Graphene-Based THz Devices With an Improved Surface Boundary Condition in Leapfrog FDTD Scheme. IEEE Transactions on Plasma Science, 2022, 50, 1369-1377.	1.3	0
16	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
17	Characteristic Mode Inspired Single-Plate Unidirectional Antenna Using Complementary Characteristic Radiation. IEEE Transactions on Antennas and Propagation, 2022, 70, 9837-9842.	5.1	3
18	20 GHz Dual-Polarized Array Antenna With Low Cross-Polarization and High Gain. , 2022, , .		0

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19	A design of broadband bandpass frequency selective surface. Microwave and Optical Technology Letters, 2022, 64, 1572-1578.	1.4	2
20	A Novel Filtering Antenna with Transversal Coupling Topology. , 2022, , .		1
21	A Novel Differentially-Fed Dual-Polarized Filtering Antenna for Base Station. , 2022, , .		1
22	Compact 2 Å– 2 MIMO Antenna With Low Mutual Coupling Based on Half Mode Substrate Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2021, 69, 2975-2980.	5.1	14
23	Design of a Wideband Dual-Feed Circularly Polarized Antenna for Different Axial Ratio Requirements. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 88-92.	4.0	11
24	A Dual-Polarized Planar Antenna Array Differentially-Fed by Orthomode Transducer. IEEE Transactions on Antennas and Propagation, 2021, 69, 2637-2647.	5.1	7
25	Self-Resonant Antisymmetric Planar Coil for Compact Inductive Power Transfer System Avoiding Compensation Circuits. IEEE Transactions on Power Electronics, 2021, 36, 5121-5134.	7.9	14
26	Cavity-Backed Slot-Coupled Patch Antenna Array With Dual Slant Polarization for Millimeter-Wave Base Station Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 1404-1413.	5.1	37
27	Broadband Dual-Polarized Endfire Array With Compact Magneto-Electric Planar Yagi Antenna for mm-Wave Terminals. IEEE Access, 2021, 9, 52708-52717.	4.2	12
28	Dual-Band Circularly Polarized Antenna With Two Pairs of Crossed-Dipoles for RFID Reader. IEEE Transactions on Antennas and Propagation, 2021, 69, 8194-8203.	5.1	19
29	A Quad-Polarization Reconfigurable Antenna With Suppressed Cross Polarization Based on Characteristic Mode Theory. IEEE Transactions on Antennas and Propagation, 2021, 69, 636-647.	5.1	30
30	A Compact Rectifier Design Method Utilizing Harmonics. Applied Sciences (Switzerland), 2021, 11, 2295.	2.5	2
31	Design of a Planar Wideband WideScan Phased Antenna Array. , 2021, , .		1
32	Wideband Differentially Fed Dual-Polarized Antenna by Using Three-Strip Transmission Lines. IEEE Transactions on Antennas and Propagation, 2021, 69, 4172-4177.	5.1	8
33	A Wideband Metal-Only Transmitarray With Two-Layer Configuration. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1347-1351.	4.0	18
34	A Wideband Triple-Mode Differentially Fed Microstrip Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1160-1164.	4.0	7
35	Highly integrated transmitting and receiving phased array with multi- channels and high efficiency in K/ <scp>Ka- band SatCom</scp> application. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22816.	1.2	7
36	Study on Millimeter-Wave SIW Rectenna and Arrays With High Conversion Efficiency. IEEE Transactions on Antennas and Propagation, 2021, 69, 5503-5511.	5.1	14

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37	Dual-Polarized Nonreciprocal Spatial Amplification Active Metasurface. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1789-1793.	4.0	6
38	Broadband Circularly Polarized Microstrip Array Antenna With Curved-Truncation and Circle-Slotted Parasitic. IEEE Transactions on Antennas and Propagation, 2021, 69, 5524-5533.	5.1	13
39	Balanced Feed Low Cross-Polarization Quad-Ridged Horn Antenna With Center Cross Fusiform Loaded. IEEE Transactions on Antennas and Propagation, 2021, 69, 6004-6009.	5.1	1
40	A Sub-Terahertz Near-Field Subwavelength Sensor Element with Micrometer Spatial Resolution Fed by A Goubau Line. , 2021, , .		0
41	A Wideband Dual-Polarized Filtering Antenna for Base Station Applications. , 2021, , .		0
42	D-Band Antenna-Filter Integration Using Metal 3D Printing. , 2021, , .		0
43	A Magneto-Electric Dipole Antenna with an Enhanced Bandwidth. , 2021, , .		1
44	A Broadband Magneto-Electric Dipole Antenna with a Novel Feeding Mechanism. , 2021, , .		1
45	A Compact Inverted-F Antenna covering 2.4-4.8 GHz and its Miniaturization Driven by Surrogate Model. , 2021, , .		0
46	Design of a planar dual circularly polarized antenna. , 2021, , .		1
47	A Miniaturized Dual-Frequency Dual-Polarized Millimeter Wave Antenna Fed Differentially with Broadband and High Isolation. , 2021, , .		2
48	A High-Efficiency GCPW Rectifier for Pulse Wave. , 2021, , .		0
49	Compact Triple-Band Wearable Circular Patch Antenna for WLAN/WiMAX Applications. , 2021, , .		2
50	Parasitic Elements Loaded MM-Wave S-Dipole Antenna with Wide Bandwidth and High Gain. , 2021, , .		1
51	Design of a Low-Profile Wideband WideScan Phased Antenna Array Using Shorting Vias. , 2021, , .		1
52	Compact-Size Ultra-Wideband Dual-Polarized Planar Antennas for Communications and Radars. , 2021, , .		0
53	Wideband High-Efficiency Circularly Polarized SIW-Fed S-Dipole Array for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 2422-2427.	5.1	65
54	Compact Beam-Scanning Flat Array Based on Substrate-Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2020, 68, 882-890.	5.1	25

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55	Dual-Band Circularly Polarized Transmitarray With Single Linearly Polarized Feed. IEEE Transactions on Antennas and Propagation, 2020, 68, 5015-5020.	5.1	49
56	Design of broadband hybrid class EF power amplifier based on novel capacitance compensation structure. Microwave and Optical Technology Letters, 2020, 62, 1069-1076.	1.4	4
57	Low-profile annular ring-shaped continuous transverse stub antenna array with two-dimensional beam scanning. Microwave and Optical Technology Letters, 2020, 62, 1360-1365.	1.4	1
58	Dual-Polarized Crossed Slot Array Antenna Designed on a Single Laminate for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 4120-4125.	5.1	15
59	Pattern Synthesis of Antenna Arrays Using Dynamic Cooperative Grey Wolf Optimizer Algorithm. , 2020, , .		3
60	A Wideband Circularly Polarized Antenna With Stepped-Shaped Patch. , 2020, , .		1
61	3D-Printed 140 GHz Beam-Scanning Antenna Using Partially Reflecting Surface. , 2020, , .		1
62	An Ultra-Wideband Stacked Spiral-Helix Composite Antenna. , 2020, , .		1
63	A Broadband Circularly Polarized Antenna With Triple-Mode Characteristics. , 2020, , .		0
64	An Ultra-wideband Reflectarray Antenna Using Connected Dipoles for Multifunctional Systems. , 2020, , .		3
65	Millimeter-Wave Dual-Polarized Slot Array Antenna Using a TE ₂₁₀ and TE ₁₂₀ Mode Cavity. , 2020, , .		0
66	Polarization-Insensitive Metasurface for Harvesting Electromagnetic Energy with High Efficiency and Frequency Stability over Wide Range of Incidence Angles. Applied Sciences (Switzerland), 2020, 10, 8047.	2.5	11
67	Suppress Sideband Radiation in Time-Modulated Linear Arrays by an Effective Hybrid Algorithm. , 2020, , .		1
68	An Ultra-Wideband Antenna with Unidirectional Radiation Characteristics. , 2020, , .		0
69	Robust Plane Wave Generator Design in Small Anechoic Chamber Setup Using Parameterized Field Method. IEEE Access, 2020, 8, 187052-187059.	4.2	9
70	Low Scattering Plane Wave Generator Design Using a Novel Non-Coplanar Structure for Near-Field Over-the-Air Testing. IEEE Access, 2020, 8, 211348-211357.	4.2	8
71	Design of a Broadband Circularly Polarized Antenna by Using Axial Ratio Contour. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2487-2491.	4.0	5
72	Dual-Band 2×2 MIMO Antenna with Compact Size and High Isolation Based on Half-Mode SIW. International Journal of Antennas and Propagation, 2020, 2020, 1-11.	1.2	15

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73	A D-Band 3D-Printed Antenna. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 433-442.	3.1	36
74	Millimeter-Wave Dual-Polarized Differentially Fed 2-D Multibeam Patch Antenna Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 7007-7016.	5.1	42
75	Analysis and Design of Ultrawideband Circularly Polarized Antenna and Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 7842-7853.	5.1	32
76	Channel characterization of a dual-band dual-polarized SAR with digital beamforming. International Journal of Microwave and Wireless Technologies, 2020, 12, 477-486.	1.9	0
77	A Polarization-Reconfigurable Wideband High-Gain Antenna Using Liquid Metal Tuning. IEEE Transactions on Antennas and Propagation, 2020, 68, 5835-5841.	5.1	25
78	140 GHz Additive Manufacturing Low-Cost and High-Gain Fabry-Perot Resonator Antenna. , 2020, , .		7
79	A Review of Broadband Low-Cost and High-Gain Low-Terahertz Antennas for Wireless Communications Applications. IEEE Access, 2020, 8, 57615-57629.	4.2	47
80	Wideband Circularly Polarized Antenna Using Single-Arm Coupled Asymmetric Dipoles. IEEE Transactions on Antennas and Propagation, 2020, 68, 5104-5113.	5.1	14
81	Miniaturized Ultrawideband Half-Mode Vivaldi Antenna Based on Mirror Image Theory. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 695-699.	4.0	24
82	An Efficiency-Improved Tightly Coupled Dipole Reflectarray Antenna Using Variant-Coupling-Capacitance Method. IEEE Access, 2020, 8, 37314-37320.	4.2	11
83	Design of a Simple Circularly Polarized Antenna for Millimeter-Wave Applications. , 2020, , .		4
84	Design of a Low-Profile S-band Circularly Polarized Phased Antenna Array. , 2020, , .		0
85	$\pm 45^\circ$ Linearly Polarized Slot-Coupled Patch Antenna for Millimeter-Wave Applications. , 2020, , .		1
86	CRLH-TL Unit Cell for the Design of a Wideband Dual Circularly Polarized Antenna. , 2020, , .		0
87	Differentially-Fed Dual-Polarized 2D Multibeam Antenna Array for Millimeter-Wave Applications. , 2020, , .		1
88	A Compact Dual-Polarized Frequency-Scanning Continuous Transverse Stub Antenna Array. , 2020, , .		4
89	Wideband Dual-Polarized Antennas for Base Stations (Invited talk). , 2020, , .		0
90	Half-Power Phase Shifter for the Design of A Wideband Circularly Polarized Antenna. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
91	Surrogate-Model-Aided Optimization of the Bandwidth for a Planar UWB Inverted-F Antenna. , 2020, , .		0
92	A novel compact rectifier utilizing harmonic waves for direction alignment of MPT system. , 2020, , .		1
93	Electronically Beam-Scanning Antenna with Active Slot Frequency Selective Surface for 5G Base Stations. , 2020, , .		2
94	Broadband High-Gain Frequency-Scanned Continuous Transverse Stub Array Fed by Slow-wave Stripline. , 2020, , .		1
95	Circularly Polarized Substrate Integrated Waveguide Leaky-Wave Antenna with High Efficiency and Consistent Gain. , 2020, , .		1
96	A Broadband High-Gain H-plane SIW Horn Antenna. , 2020, , .		6
97	Reconfigurable Terahertz Dipole Antenna with Integrated Graphene Sheets. , 2020, , .		1
98	A Wideband Slot Coupled Patch Antenna. , 2020, , .		3
99	Design of Microwave Power Transmission System for Space Solar Power Station Demonstration. , 2020, , .		0
100	A Design of Extremely Wideband Fabry-Perot Cavity Antenna. , 2019, , .		0
101	Filtering antennas for energy harvesting in wearable systems. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2019, 32, e2661.	1.9	3
102	A Hybrid Design Method for Thin-Panel Transmitarray Antennas. IEEE Transactions on Antennas and Propagation, 2019, 67, 6473-6483.	5.1	26
103	Compact MIMO antennas for mobile terminals in 5G. , 2019, , .		0
104	Electronically Beam-steerable Dual-band Reflectarray for Satellite Communications. , 2019, , .		2
105	Efficiency-enhanced Doherty power amplifier using Chireix-like compensation technology. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21949.	1.2	1
106	Four-Band Polarization-Insensitive and Wide-Angle Metasurface with Simplified Structure for Harvesting Electromagnetic Energy. , 2019, , .		4
107	A Compact Minimally Invasive Antenna for OTA Testing. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1381-1385.	4.0	7
108	A Wideband Differentially Driven Dual-Polarized Antenna by Using Integrated Six-Port Power Divider. IEEE Transactions on Antennas and Propagation, 2019, 67, 7252-7260.	5.1	12

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109	A Low-Cost Differentially Driven Dual-Polarized Patch Antenna by Using Open-Loop Resonators. IEEE Transactions on Antennas and Propagation, 2019, 67, 2745-2750.	5.1	43
110	Broadband Polarization-Reconfigurable Slot Antenna and Array With Compact Feed Network. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1293-1297.	4.0	23
111	Multibeam Dual-Circularly Polarized Reflectarray for Connected and Autonomous Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 3574-3585.	6.3	25
112	Compact high efficiency circularly polarized rectenna based on artificial magnetic conductor. International Journal of Microwave and Wireless Technologies, 2019, 11, 975-982.	1.9	1
113	Compact Dual-Polarized Continuous Transverse Stub Array With 2-D Beam Scanning. IEEE Transactions on Antennas and Propagation, 2019, 67, 3000-3010.	5.1	49
114	A Waveguide Slot Filtering Antenna With an Embedded Metamaterial Structure. IEEE Transactions on Antennas and Propagation, 2019, 67, 2953-2960.	5.1	36
115	High Gain and Wide Angle Beam Scanning Antenna Array Based on CTS. , 2019, , .		0
116	Dual Polarized Rectenna and Array at X-band with High-Efficiency. , 2019, , .		1
117	Substrate Integrated Coaxial Line Based Continuous Transverse Stub (SICL-CTS) Array Antenna for 5G Base Station Applications. , 2019, , .		1
118	Broadband Dual-Polarized Phased Array with Broadside and Endfire Radiation for 5G Millimeter Wave Communications. , 2019, , .		6
119	Terahertz polarization reconfigurable segmented helical antenna using additive manufacturing. , 2019, , .		2
120	A Novel 35-GHz Slot-Coupled Patch Rectenna Array Based on SIW Cavity for WPT. , 2019, , .		4
121	Circularly Polarized Filtering Antenna with Complex Impedance. , 2019, , .		0
122	A Low Complexity 16×16 Butler Matrix Design Using Eight-Port Hybrids. IEEE Access, 2019, 7, 177864-177873.	4.2	7
123	Dual-Band Ten-Element MIMO Array Based on Dual-Mode IFAs for 5G Terminal Applications. IEEE Access, 2019, 7, 178476-178485.	4.2	48
124	Low-Cost Electrical Beam-Scanning Leaky-Wave Antenna Based on Bent Corrugated Substrate Integrated Waveguide. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 353-357.	4.0	29
125	A Novel Ultrawideband Transmitarray Design Using Tightly Coupled Dipole Elements. IEEE Transactions on Antennas and Propagation, 2019, 67, 242-250.	5.1	58
126	Planar Sub-Millimeter-Wave Array Antenna With Enhanced Gain and Reduced Sidelobes for 5G Broadcast Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 160-168.	5.1	102

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127	Wideband Transmitarray With Reduced Profile. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 450-453.	4.0	69
128	Dual-Band Full-Duplex Tx/Rx Antennas for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 4059-4070.	6.3	59
129	An Ultra-Wide-Band Tightly Coupled Dipole Reflectarray Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 533-540.	5.1	58
130	A Broadband Dual Circularly Polarized Conical Four-Arm Sinuous Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 71-80.	5.1	20
131	Compact Multiband Wireless Energy Harvesting Based Battery-Free Body Area Networks Sensor for Mobile Healthcare. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2018, 2, 109-115.	3.4	61
132	Design of A Rectifier with High Efficiency and Wide Load Range. , 2018, , .		0
133	Design of a Low-Profile 3:1 Bandwidth Wide-Scan Tightly Coupled Phased Array Antenna. , 2018, , .		2
134	Planar Microstrip-Fed Broadband Circularly Polarized Antenna. , 2018, , .		0
135	Polarization-Insensitive Wide-Angle-Reception Metasurface for Harvesting Electromagnetic Energy. , 2018, , .		5
136	24-GHz Circularly Polarized Substrate Integrated Waveguide-Fed Patch Antenna. , 2018, , .		2
137	Design of a low-profile wideband patch antenna with L-shaped feeding mechanism. , 2018, , .		0
138	Bandwidth enhancement of three-device Doherty power amplifier based on symmetric devices. IEICE Electronics Express, 2018, 15, 20171222-20171222.	0.8	5
139	Automated FMCW Radar Experimental Platform. , 2018, , .		1
140	Tightly Coupled Array Antennas for Ultra-Wideband Wireless Systems. IEEE Access, 2018, 6, 61851-61866.	4.2	24
141	A Flat Dual-Polarized Continuous Transverse Stub Antenna Array Based on Substrate Integrated Waveguide. , 2018, , .		0
142	(Ba, Sr)(Ti, Mn)O ₃ Perovskite Films for Co-Planar Waveguide Tunable Microwave Phase Shifters. , 2018, , .		2
143	Polarization-insensitive wide-angle-reception metasurface with simplified structure for harvesting electromagnetic energy. Applied Physics Letters, 2018, 113, .	3.3	43
144	A High-Gain Transmitarray for Generating Dual-Mode OAM Beams. IEEE Access, 2018, 6, 61006-61013.	4.2	35

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145	Synthesis of the Sparse Uniform-Amplitude Concentric Ring Transmitting Array for Optimal Microwave Power Transmission. International Journal of Antennas and Propagation, 2018, 2018, 1-8.	1.2	1
146	Compact Dual-Polarized Shared-Dipole Antennas for Base Station Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 6826-6834.	5.1	60
147	Combinatorial synthesis and screening of (Ba,Sr)(Ti,Mn)O ₃ thin films for optimization of tunable co-planar waveguides. Journal of Materials Chemistry C, 2018, 6, 6222-6228.	5.5	9
148	Focused microwave power transmission system with high efficiency rectifying surface. IET Microwaves, Antennas and Propagation, 2018, 12, 808-813.	1.4	18
149	A Low-Profile Frequency Reconfigurable Grid-Slotted Patch Antenna. IEEE Access, 2018, 6, 36305-36312.	4.2	46
150	Wideband high gain millimetre/submillimetre wave antenna using additive manufacturing. IET Microwaves, Antennas and Propagation, 2018, 12, 1758-1764.	1.4	8
151	Dual-Polarized and Wide-Angle Scanning Microstrip Phased Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 3775-3780.	5.1	47
152	A Transmission Metasurface for Generating OAM Beams. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1793-1796.	4.0	85
153	Square shaped feeding truncated circularly polarised slot antenna. IET Microwaves, Antennas and Propagation, 2018, 12, 1279-1286.	1.4	18
154	A compact high-efficiency rectifying circuit with class-F filter. , 2018, , .		2
155	Equilateral Triangular Slot Antenna for Communication System and GNSS RO Sensor of GAIA-I Microsatellite. IEICE Transactions on Communications, 2018, E101.B, 835-846.	0.7	6
156	A Multidirectional Pattern-Reconfigurable Patch Antenna With CSRR on the Ground. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 416-419.	4.0	48
157	Wideband Loop Antenna With Electronically Switchable Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 242-245.	4.0	36
158	A Broadband Printed Monofilar Square Spiral Antenna: A circularly polarized low-profile antenna. IEEE Antennas and Propagation Magazine, 2017, 59, 79-87.	1.4	11
159	A Triband Low-Profile High-Gain Planar Antenna Using Fabry-Pérot Cavity. IEEE Transactions on Antennas and Propagation, 2017, 65, 2683-2688.	5.1	37
160	Low-Profile Frequency-Scanned Antenna Based on Substrate Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2017, 65, 2051-2056.	5.1	36
161	A Shared-Aperture Dual-Band Dual-Polarized Filtering-Antenna-Array With Improved Frequency Response. IEEE Transactions on Antennas and Propagation, 2017, 65, 1836-1844.	5.1	201
162	Single-fed broadband circularly polarised dipole antenna with simple structure. Electronics Letters, 2017, 53, 134-136.	1.0	8

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163	X/Ka-Band Dual-Polarized Digital Beamforming Synthetic Aperture Radar. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4400-4407.	4.6	29
164	Low-Cost X/Ku/Ka-Band Dual-Polarized Array With Shared Aperture. IEEE Transactions on Antennas and Propagation, 2017, 65, 3520-3527.	5.1	95
165	Smart antennas for satellite communications on the move. , 2017, , .		4
166	Low-profile aperture-shared X/Ka-band dual-polarized antenna for DBF-SAR applications. , 2017, , .		1
167	Wideband circularly polarized wide-beamwidth antenna using S-shaped dipole. , 2017, , .		5
168	Broadband meta-surface with polarization-insensitive and wide-angle for electromagnetic energy harvesting. , 2017, , .		2
169	Frequency-Agile Beam-Switchable Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 3819-3826.	5.1	37
170	High efficiency broadband GaN HEMT power amplifier based on three-frequency point matching method. Microwave and Optical Technology Letters, 2017, 59, 1850-1855.	1.4	12
171	Wideband dual circularly polarized beam-scanning array for K-band satellite communications. Microwave and Optical Technology Letters, 2017, 59, 1962-1967.	1.4	2
172	Wideband circularly polarized triangular-ring slot antenna for GAIA-I microsatellite. , 2017, , .		2
173	Filtering Antenna With Two-Octave Harmonic Suppression. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1361-1364.	4.0	37
174	Dual-Band Electronically Beam-Switched Antenna Using Slot Active Frequency Selective Surface. IEEE Transactions on Antennas and Propagation, 2017, 65, 1393-1398.	5.1	48
175	Metamaterial-enhanced dual polarized HMSIW antenna for MIMO applications. , 2017, , .		3
176	A single-aperture duplex antenna with dual circular polarizations. Microwave and Optical Technology Letters, 2017, 59, 3031-3036.	1.4	4
177	Wideband metamaterial array with polarization-independent and wide incident angle for harvesting ambient electromagnetic energy and wireless power transfer. Applied Physics Letters, 2017, 111, .	3.3	46
178	Broadband High-Gain Beam-Scanning Antenna Array for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 4864-4868.	5.1	86
179	Single-Layer Wideband Circularly Polarized High-Efficiency Reflectarray for Satellite Communications. IEEE Transactions on Antennas and Propagation, 2017, 65, 4529-4538.	5.1	51
180	A Planar Integrated Folded Reflectarray Antenna With Circular Polarization. IEEE Transactions on Antennas and Propagation, 2017, 65, 385-390.	5.1	57

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