

Xue-Xia Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Multimode Resonator-Fed Dual-Polarized Antenna Array With Enhanced Bandwidth and Selectivity. IEEE Transactions on Antennas and Propagation, 2015, 63, 5492-5499.	5.1	166
3	Electrically Small and Low Cost Smart Antenna for Wireless Communication. IEEE Transactions on Antennas and Propagation, 2012, 60, 1540-1549.	5.1	136
4	A Polarization Reconfigurable Patch Antenna With Loop Slots on the Ground Plane. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 69-72.	4.0	136
5	Dual-Band Patch Antenna With Filtering Performance and Harmonic Suppression. IEEE Transactions on Antennas and Propagation, 2016, 64, 4074-4077.	5.1	135
6	An Integrated Filtering Antenna Array With High Selectivity and Harmonics Suppression. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 1798-1805.	4.6	125
7	A Compact 2.45-GHz Broadband Rectenna Using Grounded Coplanar Waveguide. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 986-989.	4.0	113
8	Single-Feed Ultra-Wideband Circularly Polarized Antenna With Enhanced Front-to-Back Ratio. IEEE Transactions on Antennas and Propagation, 2016, 64, 355-360.	5.1	108
9	Compact-Size Low-Profile Wideband Circularly Polarized Omnidirectional Patch Antenna With Reconfigurable Polarizations. IEEE Transactions on Antennas and Propagation, 2016, 64, 2016-2021.	5.1	104
10	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
11	A Novel Compact Printed Rectenna for Data Communication Systems. IEEE Transactions on Antennas and Propagation, 2013, 61, 2532-2539.	5.1	96
12	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
13	Small Director Array for Low-Profile Smart Antennas Achieving Higher Gain. IEEE Transactions on Antennas and Propagation, 2013, 61, 162-168.	5.1	86
14	Broadband High-Gain Beam-Scanning Antenna Array for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 4864-4868.	5.1	86
15	A Transmission Metasurface for Generating OAM Beams. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1793-1796.	4.0	85
16	A Compact and Low-Profile Loop Antenna With Six Resonant Modes for LTE Smartphone. IEEE Transactions on Antennas and Propagation, 2016, 64, 3743-3751.	5.1	84
17	Compact Smart Antenna With Electronic Beam-Switching and Reconfigurable Polarizations. IEEE Transactions on Antennas and Propagation, 2015, 63, 5325-5333.	5.1	73
18	Compact Highly Integrated Planar Duplex Antenna for Wireless Communications. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 2006-2013.	4.6	70

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19	Design and Analysis of a Reflectarray Using Slot Antenna Elements for Ka-band SatCom. IEEE Transactions on Antennas and Propagation, 2015, 63, 1365-1374.	5.1	69
20	Wideband Transmitarray With Reduced Profile. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 450-453.	4.0	69
21	Triple-band polarization-insensitive and wide-angle metamaterial array for electromagnetic energy harvesting. Applied Physics Letters, 2016, 109, .	3.3	68
22	Design of Novel Reconfigurable Reflectarrays With Single-Bit Phase Resolution for Ku-Band Satellite Antenna Applications. IEEE Transactions on Antennas and Propagation, 2016, 64, 1634-1641.	5.1	67
23	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
24	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
25	Compact Dual-Polarized Shared-Dipole Antennas for Base Station Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 6826-6834.	5.1	60
26	Dual-Band Full-Duplex Tx/Rx Antennas for Vehicular Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 4059-4070.	6.3	59
27	An Ultra-Wide-Band Tightly Coupled Dipole Reflectarray Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 533-540.	5.1	58
28	A Novel Ultrawideband Transmitarray Design Using Tightly Coupled Dipole Elements. IEEE Transactions on Antennas and Propagation, 2019, 67, 242-250.	5.1	58
29	A Planar Integrated Folded Reflectarray Antenna With Circular Polarization. IEEE Transactions on Antennas and Propagation, 2017, 65, 385-390.	5.1	57
30	Ultra-Wideband Dual-Polarized Patch Antenna With Four Capacitively Coupled Feeds. IEEE Transactions on Antennas and Propagation, 2014, 62, 2440-2449.	5.1	52
31	A Novel Microstrip-CPW Fed Planar Slot Antenna With Broadband and Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1392-1395.	4.0	51
32	Single-Layer Wideband Circularly Polarized High-Efficiency Reflectarray for Satellite Communications. IEEE Transactions on Antennas and Propagation, 2017, 65, 4529-4538.	5.1	51
33	A Four-Band Rectifier With Adaptive Power for Electromagnetic Energy Harvesting. IEEE Microwave and Wireless Components Letters, 2016, 26, 819-821.	3.2	50
34	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
35	Dual-Band Circularly Polarized Transmitarray With Single Linearly Polarized Feed. IEEE Transactions on Antennas and Propagation, 2020, 68, 5015-5020.	5.1	49
36	A Multidirectional Pattern-Reconfigurable Patch Antenna With CSRR on the Ground. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 416-419.	4.0	48

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37	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
38	Dual-Band Ten-Element MIMO Array Based on Dual-Mode IFAs for 5G Terminal Applications. IEEE Access, 2019, 7, 178476-178485.	4.2	48
39	Dual-Polarized and Wide-Angle Scanning Microstrip Phased Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 3775-3780.	5.1	47
40	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
41	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
42	A Low-Profile Frequency Reconfigurable Grid-Slotted Patch Antenna. IEEE Access, 2018, 6, 36305-36312.	4.2	46
43	3-D Coverage Beam-Scanning Antenna Using Feed Array and Active Frequency-Selective Surface. IEEE Transactions on Antennas and Propagation, 2017, 65, 5862-5870.	5.1	43
44	Polarization-insensitive wide-angle-reception metasurface with simplified structure for harvesting electromagnetic energy. Applied Physics Letters, 2018, 113, .	3.3	43
45	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
46	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
47	Wide-angle scanning active transmit/receive reflectarray. IET Microwaves, Antennas and Propagation, 2014, 8, 811-818.	1.4	39
48	A Triband Low-Profile High-Gain Planar Antenna Using Fabry-Perot Cavity. IEEE Transactions on Antennas and Propagation, 2017, 65, 2683-2688.	5.1	37
49	Frequency-Agile Beam-Switchable Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 3819-3826.	5.1	37
50	Filtering Antenna With Two-Octave Harmonic Suppression. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1361-1364.	4.0	37
51	A Novel Multiband Directional Antenna for Wireless Communications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1217-1220.	4.0	37
52	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
53	Wideband Loop Antenna With Electronically Switchable Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 242-245.	4.0	36
54	Low-Profile Frequency-Scanned Antenna Based on Substrate Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2017, 65, 2051-2056.	5.1	36

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55	A Waveguide Slot Filtering Antenna With an Embedded Metamaterial Structure. IEEE Transactions on Antennas and Propagation, 2019, 67, 2953-2960.	5.1	36
56	A D-Band 3D-Printed Antenna. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 433-442.	3.1	36
57	A High-Gain Transmitarray for Generating Dual-Mode OAM Beams. IEEE Access, 2018, 6, 61006-61013.	4.2	35
58	A Compact UWB Bandpass Filter Using Two-Section Open-Circuited Stubs to Realize Transmission Zeros. , 0, , .		33
59	Compact MIMO Antenna With Frequency Reconfigurability and Adaptive Radiation Patterns. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 269-272.	4.0	32
60	High-efficiency microstrip rectenna for microwave power transmission at Ka band with low cost. IET Microwaves, Antennas and Propagation, 2016, 10, 1648-1655.	1.4	32
61	Analysis and Design of Ultrawideband Circularly Polarized Antenna and Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 7842-7853.	5.1	32
62	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
63	Inverted-S Antenna With Wideband Circular Polarization and Wide Axial Ratio Beamwidth. IEEE Transactions on Antennas and Propagation, 2017, 65, 1740-1748.	5.1	30
64	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
65	X/Ka-Band Dual-Polarized Digital Beamforming Synthetic Aperture Radar. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4400-4407.	4.6	29
66	Circularly polarised integrated filtering antenna with polarisation reconfigurability. IET Microwaves, Antennas and Propagation, 2017, 11, 2247-2252.	1.4	29
67	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
68	Planar Ultrathin Small Beam-Switching Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 5054-5063.	5.1	28
69	A Hybrid Design Method for Thin-Panel Transmitarray Antennas. IEEE Transactions on Antennas and Propagation, 2019, 67, 6473-6483.	5.1	26
70	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
71	Compact tri-band monopole antenna with hybrid strips for WLAN/WiMAX applications. Microwave and Optical Technology Letters, 2015, 57, 94-99.	1.4	25
72	Multibeam Dual-Circularly Polarized Reflectarray for Connected and Autonomous Vehicles. IEEE Transactions on Vehicular Technology, 2019, 68, 3574-3585.	6.3	25

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73	Compact Beam-Scanning Flat Array Based on Substrate-Integrated Waveguide. IEEE Transactions on Antennas and Propagation, 2020, 68, 882-890.	5.1	25
74	A Polarization-Reconfigurable Wideband High-Gain Antenna Using Liquid Metal Tuning. IEEE Transactions on Antennas and Propagation, 2020, 68, 5835-5841.	5.1	25
75	A Wideband Printed Tapered-Slot Antenna With Pattern Reconfigurability. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1613-1616.	4.0	24
76	Tightly Coupled Array Antennas for Ultra-Wideband Wireless Systems. IEEE Access, 2018, 6, 61851-61866.	4.2	24
77	Miniaturized Ultrawideband Half-Mode Vivaldi Antenna Based on Mirror Image Theory. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 695-699.	4.0	24
78	Double-printed rectangular patch dipole antenna for UWB applications. Microwave and Optical Technology Letters, 2008, 50, 2450-2452.	1.4	23
79	Broadband Polarization-Reconfigurable Slot Antenna and Array With Compact Feed Network. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1293-1297.	4.0	23
80	A band-notched ring monopole antenna. Microwave and Optical Technology Letters, 2008, 50, 1882-1884.	1.4	22
81	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
82	A Broadband Dual Circularly Polarized Conical Four-Arm Sinuous Antenna. IEEE Transactions on Antennas and Propagation, 2018, 66, 71-80.	5.1	20
83	Analysis of two dual-polarization square-patch antennas. Microwave and Optical Technology Letters, 2000, 26, 153-156.	1.4	19
84	A multidirectional frequency splitter with band-stop plasmonic filters. Journal of Applied Physics, 2014, 115, 123105.	2.5	19
85	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
86	Focused microwave power transmission system with high-efficiency rectifying surface. IET Microwaves, Antennas and Propagation, 2018, 12, 808-813.	1.4	18
87	Square-shaped feeding truncated circularly polarised slot antenna. IET Microwaves, Antennas and Propagation, 2018, 12, 1279-1286.	1.4	18
88	A Wideband Metal-Only Transmitarray With Two-Layer Configuration. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1347-1351.	4.0	18
89	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
90	Metamaterial loaded vivaldi antenna with high gain and equal beamwidths at KA band. Microwave and Optical Technology Letters, 2016, 58, 2337-2341.	1.4	15

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91	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
92	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
93	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
94	Differential-fed ultra-wideband slot-loaded patch antenna with dual orthogonal polarisation. Electronics Letters, 2013, 49, 1591-1593.	1.0	14
95	Wideband Circularly Polarized Antenna Using Single-Arm Coupled Asymmetric Dipoles. IEEE Transactions on Antennas and Propagation, 2020, 68, 5104-5113.	5.1	14
96	Compact 2×2 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
97	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
98	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
99	A Doherty power amplifier with extended efficiency and bandwidth. IEICE Electronics Express, 2017, 14, 20170188-20170188.	0.8	13
100	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
101	Compact-size Electronically Steerable Parasitic Array Radiator antenna. , 2009, , .		12
102	Study on Millimeter-Wave Vivaldi Rectenna and Arrays with High Conversion Efficiency. International Journal of Antennas and Propagation, 2016, 2016, 1-8.	1.2	12
103	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
104	Modal analysis and excitation of wideband slot antennas. IET Microwaves, Antennas and Propagation, 2017, 11, 1887-1891.	1.4	12
105	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
106	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
107	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
108	Analysis on a novel ultra-wide bandwidth antenna of double-printed circular disc. Microwave and Optical Technology Letters, 2007, 49, 311-313.	1.4	11

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109	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
110	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
111	An Efficiency-Improved Tightly Coupled Dipole Reflectarray Antenna Using Variant-Coupling-Capacitance Method. IEEE Access, 2020, 8, 37314-37320.	4.2	11
112	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
113	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
114	Propagation Characteristics of Millimeter Wave in Circular Tunnels. , 2006, , .		10
115	A novel rectifier circuit operating at dual-frequencies of 1.8 GHz and 2.4 GHz. , 2013, , .		10
116	Design of a millimeter-wave dual-band bandpass filter using SIW dual-mode cavities. , 2016, , .		10
117	X-band circularly polarized rectennas for microwave power transmission applications. Journal of Electronics, 2008, 25, 389-393.	0.2	9
118	Quantitative evaluation of multipath rejection capabilities of GNSS antennas. GPS Solutions, 2014, 18, 199-208.	4.3	9
119	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
120	Robust Plane Wave Generator Design in Small Anechoic Chamber Setup Using Parameterized Field Method. IEEE Access, 2020, 8, 187052-187059.	4.2	9
121	Effects of the Length of Thru on the Measurement Precision in TRL Technique. IEEE Microwave and Wireless Components Letters, 2014, 24, 905-907.	3.2	8
122	Millimeter Wave Fabry-Perot Resonator Antenna Fed by CPW with High Gain and Broadband. International Journal of Antennas and Propagation, 2016, 2016, 1-7.	1.2	8
123	Design of a millimeter-wave wideband bandpass filter with novel-slotted substrate integrated waveguide. Microwave and Optical Technology Letters, 2016, 58, 2406-2410.	1.4	8
124	Single-fed broadband circularly polarised dipole antenna with simple structure. Electronics Letters, 2017, 53, 134-136.	1.0	8
125	Low-cost wideband low-THz antennas for wireless communications and sensing. , 2017, , .		8
126	Wideband high-gain millimetre/submillimetre wave antenna using additive manufacturing. IET Microwaves, Antennas and Propagation, 2018, 12, 1758-1764.	1.4	8

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127	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
128	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
129	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
130	A reconfigurable microstrip antenna with agile polarization using diode switches. , 2011, , .		7
131	A Compact Minimally Invasive Antenna for OTA Testing. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1381-1385.	4.0	7
132	A Low Complexity Butler Matrix Design Using Eight-Port Hybrids. IEEE Access, 2019, 7, 177864-177873.	4.2	7
133	140 GHz Additive Manufacturing Low-Cost and High-Gain Fabry-Perot Resonator Antenna. , 2020, , .		7
134	A Dual-Polarized Planar Antenna Array Differentially-Fed by Orthomode Transducer. IEEE Transactions on Antennas and Propagation, 2021, 69, 2637-2647.	5.1	7
135	A Wideband Triple-Mode Differentially Fed Microstrip Patch Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1160-1164.	4.0	7
136	Highly integrated transmitting and receiving phased array with multi-channels and high efficiency in K/Ka-band SatCom application. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22816.	1.2	7
137	Compact Circularly Polarized Rectennas for Microwave Power Transmission Applications. , 2006, , .		6
138	Research on Propagation Characteristics of Millimeter Wave in Tunnels. Journal of Infrared, Millimeter and Terahertz Waves, 2007, 28, 901-909.	0.6	6
139	A broad band rectifier with wide input power range for electromagnetic energy harvesting. , 2014, , .		6
140	Guest Editorial Antennas for Satellite Communications. IEEE Transactions on Antennas and Propagation, 2015, 63, 1186-1190.	5.1	6
141	Millimeter-wave smart antennas for advanced satellite communications. , 2015, , .		6
142	Compact cavity-backed patch antenna with wideband bandwidth using parasitic patch. , 2017, , .		6
143	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
144	Broadband Dual-Polarized Phased Array with Broadside and Endfire Radiation for 5G Millimeter Wave Communications. , 2019, , .		6

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145	Dual-Polarized Nonreciprocal Spatial Amplification Active Metasurface. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1789-1793.	4.0	6
146	A Broadband High-Gain H-plane SIW Horn Antenna. , 2020, , .		6
147	Compact Printed Monopole Antenna with Super-wideband. , 2007, , .		5
148	Design of a compact low-pass filter with wide stopband. Journal of Shanghai University, 2008, 12, 495-497.	0.1	5
149	Low-cost smart antennas for advanced wireless systems. , 2014, , .		5
150	Design of broadband ESPAR antenna using inverted F monopoles. , 2014, , .		5
151	Broadband circularly polarized Fabry-Perot antenna integrated with wideband phase shifter for satellite communication. Microwave and Optical Technology Letters, 2016, 58, 1109-1113.	1.4	5
152	Wideband circularly polarized wide-beamwidth antenna using S-shaped dipole. , 2017, , .		5
153	Polarization-Insensitive Wide-Angle-Reception Metasurface for Harvesting Electromagnetic Energy. , 2018, , .		5
154	Bandwidth enhancement of three-device Doherty power amplifier based on symmetric devices. IEICE Electronics Express, 2018, 15, 20171222-20171222.	0.8	5
155	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
156	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
157	Double-printed circular disc antenna having a frequency band notch function. Microwave and Optical Technology Letters, 2007, 49, 2675-2677.	1.4	4
158	Design of a High-Efficiency Circularly Polarized Rectenna for 35 GHz Microwave Power Transmission System. , 2012, , .		4
159	Smart antennas for mobile satellite communications. , 2014, , .		4
160	Aperture optimization of transmitting antennas for microwave power transmission systems. , 2014, , .		4
161	Design of rectifying circuit for wireless power transmission in Ka band. , 2014, , .		4
162	A dual-polarized Fabry-Perot cavity antenna at millimeter wave band with high gain. , 2015, , .		4

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163	Design and Investigation of Differential-Fed Ultra-Wideband Patch Antenna with Polarization Diversity. International Journal of Antennas and Propagation, 2016, 2016, 1-6.	1.2	4
164	Array-fed dual-polarized wideband Fabry-Pérot antenna based on metasurface. Microwave and Optical Technology Letters, 2016, 58, 2316-2321.	1.4	4
165	Smart antennas for satellite communications on the move. , 2017, , .		4
166	A single-aperture duplex antenna with dual circular polarizations. Microwave and Optical Technology Letters, 2017, 59, 3031-3036.	1.4	4
167	Design of 0.8–2.7-GHz High Power Class-F Harmonic-Tuned Power Amplifier with Parasitic Compensation Circuit. Active and Passive Electronic Components, 2017, 2017, 1-8.	0.3	4
168	Four-Band Polarization-Insensitive and Wide-Angle Metasurface with Simplified Structure for Harvesting Electromagnetic Energy. , 2019, , .		4
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