Zhenghe Feng

List of Publications by Year
in descending order

322 papers	5,908 citations	70961 41 h-index	102304 66 g-index
322 all docs	322 docs citations	322 times ranked	3362 citing authors

#	Article	IF	Citations
1	A Novel Dual-Band Printed Diversity Antenna for Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2007, 55, 2088-2096.	3.1	193
2	Axial Ratio Bandwidth Enhancement of 60-GHz Substrate Integrated Waveguide-Fed Circularly Polarized LTCC Antenna Array. IEEE Transactions on Antennas and Propagation, 2012, 60, 4619-4626.	3.1	190
3	A Compact Hepta-Band Loop-Inverted F Reconfigurable Antenna for Mobile Phone. IEEE Transactions on Antennas and Propagation, 2012, 60, 389-392.	3.1	174
4	Wideband 5G MIMO Antenna With Integrated Orthogonal-Mode Dual-Antenna Pairs for Metal-Rimmed Smartphones. IEEE Transactions on Antennas and Propagation, 2020, 68, 2494-2503.	3.1	160
5	A Dual-Polarization Slot Antenna Using a Compact CPW Feeding Structure. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 191-194.	2.4	158
6	Design and Linearization of Concurrent Dual-Band Doherty Power Amplifier With Frequency-Dependent Power Ranges. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2537-2546.	2.9	147
7	A Broadband Doherty Power Amplifier Based on Continuous-Mode Technology. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4505-4517.	2.9	125
8	A Wideband Sequential-Phase Fed Circularly Polarized Patch Array. IEEE Transactions on Antennas and Propagation, 2014, 62, 3890-3893.	3.1	123
9	Beam-Oriented Digital Predistortion for 5G Massive MIMO Hybrid Beamforming Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 3419-3432.	2.9	120
10	A MNG-TL Loop Antenna Array With Horizontally Polarized Omnidirectional Patterns. IEEE Transactions on Antennas and Propagation, 2012, 60, 2702-2710.	3.1	113
11	Compact Azimuthal Omnidirectional Dual-Polarized Antenna Using Highly Isolated Colocated Slots. IEEE Transactions on Antennas and Propagation, 2012, 60, 4037-4045.	3.1	110
12	Design of a Wideband Horizontally Polarized Omnidirectional Printed Loop Antenna. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 49-52.	2.4	105
13	Polarization Reconfigurable Slot Antenna With a Novel Compact CPW-to-Slotline Transition for WLAN Application. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 252-255.	2.4	103
14	MIMO Mobile Handset Antenna Merging Characteristic Modes for Increased Bandwidth. IEEE Transactions on Antennas and Propagation, 2016, 64, 2660-2667.	3.1	95
15	A Sequential-Phase Feed Using a Circularly Polarized Shorted Loop Structure. IEEE Transactions on Antennas and Propagation, 2013, 61, 1443-1447.	3.1	93
16	Compact Asymmetrical T-Shaped Dielectric Resonator Antenna for Broadband Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 1611-1615.	3.1	90
17	Compact Heptaband Reconfigurable Loop Antenna for Mobile Handset. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1162-1165.	2.4	80
18	Dual-Band Circularly Polarized Stacked Annular-Ring Patch Antenna for GPS Application. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 49-52.	2.4	74

#	Article	IF	Citations
19	Compact CPW-Fed Dielectric Resonator Antenna With Dual Polarization. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 544-547.	2.4	72
20	A Wideband Isotropic Radiated Planar Antenna Using Sequential Rotated L-Shaped Monopoles. IEEE Transactions on Antennas and Propagation, 2014, 62, 1461-1464.	3.1	71
21	A Compact Wideband Microstrip Crossover. IEEE Microwave and Wireless Components Letters, 2012, 22, 254-256.	2.0	68
22	Pattern and Polarization Diversity Antenna With High Isolation for Portable Wireless Devices. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 209-211.	2.4	67
23	A Novel Null Scanning Antenna Using Even and Odd Modes of a Shorted Patch. IEEE Transactions on Antennas and Propagation, 2014, 62, 1903-1909.	3.1	65
24	Low-Profile Planar Tripolarization Antenna for WLAN Communications. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 83-86.	2.4	62
25	High frequency response of carbon nanotube thin film speaker in gases. Journal of Applied Physics, 2011, 110, .	1.1	61
26	Dual-Band Circularly Polarized Rotated Patch Antenna With a Parasitic Circular Patch Loading. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 492-495.	2.4	59
27	Enhanced Analysis and Design Method of Concurrent Dual-Band Power Amplifiers With Intermodulation Impedance Tuning. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4544-4558.	2.9	58
28	Design of Omnidirectional Dual-Polarized Antenna in Slender and Low-Profile Column. IEEE Transactions on Antennas and Propagation, 2014, 62, 2323-2326.	3.1	58
29	Broadband and Low-Profile Microstrip Antenna Using Strip-Slot Hybrid Structure. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3118-3121.	2.4	55
30	A Wideband High-Isolated Dual-Polarized Patch Antenna Using Two Different Balun Feedings. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1617-1619.	2.4	54
31	Isotropic Radiation From a Compact Planar Antenna Using Two Crossed Dipoles. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1338-1341.	2.4	53
32	A Fully Integrated C-Band GaN MMIC Doherty Power Amplifier With High Efficiency and Compact Size for 5G Application. IEEE Access, 2019, 7, 71665-71674.	2.6	53
33	Narrow-Width Periodic Leaky-Wave Antenna Array for Endfire Radiation Based on Hansenâ€“Woodyard Condition. IEEE Transactions on Antennas and Propagation, 2018, 66, 6393-6396.	3.1	50
34	A Four-Element Antenna System for Mobile Phones. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 655-658.	2.4	48
35	Planar Printed Multi-Resonant Antenna for Octa-Band WWAN/LTE Mobile Handset. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1734-1737.	2.4	48
36	Ultra-Compact Three-Port MIMO Antenna With High Isolation and Directional Radiation Patterns. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1545-1548.	2.4	47

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37	Low Feedback Sampling Rate Digital Predistortion for Wideband Wireless Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3528-3539.	2.9	45
38	A Dual-Band GaN MMIC Power Amplifier With Hybrid Operating Modes for 5G Application. IEEE Microwave and Wireless Components Letters, 2019, 29, 228-230.	2.0	45
39	Microstrip Interdigital Hairpin Resonator With an Optimal Physical Length. IEEE Microwave and Wireless Components Letters, 2006, 16, 672-674.	2.0	44
40	Reconfigurable 2-bit Fixed-Frequency Beam Steering Array Based on Microstrip Line. IEEE Transactions on Antennas and Propagation, 2018, 66, 683-691.	3.1	44
41	A new array pattern synthesis algorithm using the two-step least-squares method. IEEE Signal Processing Letters, 2005, 12, 250-253.	2.1	43
42	Dual-Mode Loop Antenna With Compact Feed for Polarization Diversity. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 95-98.	2.4	43
43	Linearization for Hybrid Beamforming Array Utilizing Embedded Over-the-Air Diversity Feedbacks. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5235-5248.	2.9	43
44	A Tripolarization Antenna Fed by Proximity Coupling and Probe. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 465-467.	2.4	41
45	Compact Co-Horizontally Polarized Full-Duplex Antenna With Omnidirectional Patterns. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1154-1158.	2.4	39
46	A Novel Low-Profile Hepta-Band Handset Antenna Using Modes Controlling Method. IEEE Transactions on Antennas and Propagation, 2015, 63, 799-804.	3.1	38
47	A Hemispherical 3-D Null Steering Antenna for Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 803-806.	2.4	37
48	Wideband Dual-Mode Patch Antenna With Compact CPW Feeding Network for Pattern Diversity Application. IEEE Transactions on Antennas and Propagation, 2018, 66, 2628-2633.	3.1	37
49	A Low-Cost Dual-Polarized Array Antenna Etched on a Single Substrate. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 265-268.	2.4	36
50	A Bidirectional High-Gain Cascaded Ring Antenna for Communication in Coal Mine. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 761-764.	2.4	36
51	Horizontally Polarized Omnidirectional Antenna Array Using Cascaded Cavities. IEEE Transactions on Antennas and Propagation, 2016, 64, 5454-5459.	3.1	36
52	A Wideband Dual-Polarized Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1010-1013.	2.4	35
53	Air-Filled Long Slot Leaky-Wave Antenna Based on Folded Half-Mode Waveguide Using Silicon Bulk Micromachining Technology for Millimeter-Wave Band. IEEE Transactions on Antennas and Propagation, 2017, 65, 3409-3418.	3.1	35
54	Low-Sidelobe Air-Filled Slot Array Fabricated Using Silicon Micromachining Technology for Millimeter-Wave Application. IEEE Transactions on Antennas and Propagation, 2017, 65, 4067-4074.	3.1	34

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55	A compact planar inverted-f antenna with a pbg-type ground plane for mobile communications. IEEE Transactions on Vehicular Technology, 2003, 52, 483-489.	3.9	33
56	A Bidirectional Endfire Array With Compact Antenna Elements for Coal Mine/Tunnel Communication. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 342-345.	2.4	33
57	A Broadband Patch Antenna With Tripolarization Using Quasi-Cross-Slot and Capacitive Coupling Feed. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 832-835.	2.4	33
58	60-GHz Air Substrate Leaky-Wave Antenna Based on MEMS Micromachining Technology. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 1656-1662.	1.4	33
59	A Compact Ka/Q Dual-Band GaAs MMIC Doherty Power Amplifier With Simplified Offset Lines for 5G Applications. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3110-3121.	2.9	33
60	A Circularly Polarized Pattern Diversity Antenna for Hemispherical Coverage. IEEE Transactions on Antennas and Propagation, 2014, 62, 5365-5369.	3.1	31
61	Omnidirectional Dual-Polarized Antenna With Sabre-Like Structure. IEEE Transactions on Antennas and Propagation, 2017, 65, 3221-3225.	3.1	31
62	A Fixed-Beam Leaky-Wave Cavity-Backed Slot Antenna Manufactured by Bulk Silicon MEMS Technology. IEEE Transactions on Antennas and Propagation, 2017, 65, 4399-4405.	3.1	31
63	An Open Cavity Leaky-Wave Antenna With Vertical-Polarization Endfire Radiation. IEEE Transactions on Antennas and Propagation, 2019, 67, 3455-3460.	3.1	31
64	A Compact Eighteen-Port Antenna Cube for MIMO Systems. IEEE Transactions on Antennas and Propagation, 2012, 60, 445-455.	3.1	30
65	Design of Dual-Polarized Monopole-Slot Antenna With Small Volume and High Isolation. IEEE Transactions on Antennas and Propagation, 2012, 60, 2511-2514.	3.1	30
66	An Endfire Beam-Switchable Antenna Array Used in Vehicular Environment. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 195-198.	2.4	29
67	Design of Compact Dual-Band Power Dividers With Frequency-Dependent Division Ratios Based on Multisection Coupled Line. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2013, 3, 467-475.	1.4	29
68	Annular Column Loaded Cylindrical Dielectric Resonator Antenna for Wideband Conical Radiation. IEEE Transactions on Antennas and Propagation, 2015, 63, 5874-5878.	3.1	29
69	Generating and Measuring Tunable Orbital Angular Momentum Radio Beams With Digital Control Method. IEEE Transactions on Antennas and Propagation, 2017, 65, 899-902.	3.1	29
70	Periodic Leaky-Wave Antenna Array With Horizontally Polarized Omnidirectional Pattern. IEEE Transactions on Antennas and Propagation, 2012, 60, 3165-3173.	3.1	27
71	Efficient Pruning Technique of Memory Polynomial Models Suitable for PA Behavioral Modeling and Digital Predistortion. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 2290-2299.	2.9	27
72	2-D Planar Scalable Dual-Polarized Series-Fed Slot Antenna Array Using Single Substrate. IEEE Transactions on Antennas and Propagation, 2014, 62, 2280-2283.	3.1	26

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73	All-Metal Antenna Array Based on Microstrip Line Structure. IEEE Transactions on Antennas and Propagation, 2016, 64, 351-355.	3.1	26
74	A Beam-Switching Antenna Array With Shaped Radiation Patterns. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 818-821.	2.4	24
75	A Waveguide Antenna With Bidirectional Circular Polarizations of the Same Sense. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 559-562.	2.4	24
76	A Quadband Antenna With Reconfigurable Feedings. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1069-1071.	2.4	22
77	Low Computational Complexity Digital Predistortion Based on Direct Learning With Covariance Matrix. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4274-4284.	2.9	22
78	An Energy-Efficient <inline-formula> <tex-math notation="LaTeX">Ka </tex-math> </inline-formula>/<inline-formula> <tex-math notation="LaTeX">Q </tex-math> </inline-formula> Dual-Band Power Amplifier MMIC in 0.1-<inline-formula> <tex-math notation="LaTeX">mu </tex-math> </inline-formula>m GaAs Process. IEEE Microwave and Wireless Components Letters, 2018, 28, 530-532.	2.0	22
79	Low-Profile Compact Circularly Polarized Slot-Etched PIFA Using Even and Odd Modes. IEEE Transactions on Antennas and Propagation, 2019, 67, 4189-4194.	3.1	22
80	A New Modeling Technique for Simulating 3-D Arbitrary Conductor-Magnet Structures for RFIC Applications. IEEE Transactions on Electron Devices, 2005, 52, 1354-1363.	1.6	21
81	A High-Efficiency 142â€“182-GHz SiGe BiCMOS Power Amplifier With Broadband Slotline-Based Power Combining Technique. IEEE Journal of Solid-State Circuits, 2022, 57, 371-384.	3.5	21
82	A Simplified Hemispherical 2-D Angular Space Null Steering Approach for Linearly Polarization. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1628-1631.	2.4	20
83	A Millimeter-Wave Micromachined Air-Filled Slot Antenna Fed by Patch. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 1683-1690.	1.4	20
84	Planar Air-Filled Terahertz Antenna Array Based on Channelized Coplanar Waveguide Using Hierarchical Silicon Bulk Micromachining. IEEE Transactions on Antennas and Propagation, 2018, 66, 5318-5325.	3.1	20
85	A Pattern-Reconfigurable Aircraft Antenna With Low Wind Drag. IEEE Transactions on Antennas and Propagation, 2020, 68, 4397-4405.	3.1	20
86	Influence of a metallic enclosure on the S-parameters of microstrip photonic bandgap structures. IEEE Transactions on Electromagnetic Compatibility, 2002, 44, 324-328.	1.4	19
87	Design and Simulation of Linear Series-fed Low-sidelobe Microstrip Antenna Array. , 2007, , .		19
88	Design of a Ring Probe-Fed Metallic Cavity Antenna for Satellite Applications. IEEE Transactions on Antennas and Propagation, 2013, 61, 4836-4839.	3.1	18
89	High-Gain Leaky-Wave Endfire Antenna Based on Hansenâ€“Woodyard Condition. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2155-2159.	2.4	18
90	CAD models for asymmetrical, elliptical, cylindrical, and elliptical cone coplanar strip lines. IEEE Transactions on Microwave Theory and Techniques, 2000, 48, 312-316.	2.9	17

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91	Design of a Coplanar Integrated Microstrip Antenna for GPS/ITS Applications. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 458-461.	2.4	17
92	A Compact and Broadband Ka-band Asymmetrical GaAs Doherty Power Amplifier MMIC for 5G Communications. , 2018, , .		17
93	Power Scalable Beam-Oriented Digital Predistortion for Compact Hybrid Massive MIMO Transmitters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 4994-5006.	3.5	17
94	Dualâ€port planar MIMO antenna with ultraâ€high isolation and orthogonal radiation patterns. Electronics Letters, 2015, 51, 7-8.	0.5	16
95	Bidirectional sameâ€sense circularly polarized antenna using slotâ€coupled backâ€toâ€back patches. Microwave and Optical Technology Letters, 2017, 59, 645-648.	0.9	16
96	A Broadband and High-Gain Endfire Antenna Array Fed by Air-Substrate Parallel Strip Line. IEEE Transactions on Antennas and Propagation, 2019, 67, 5717-5722.	3.1	16
97	A 250â€“310 GHz Power Amplifier With 15-dB Peak Gain in 130-nm SiGe BiCMOS Process for Terahertz Wireless System. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 1-12.	2.0	16
98	A compact DVBâ€H antenna with varactorâ€tuned matching circuit. Microwave and Optical Technology Letters, 2010, 52, 1786-1789.	0.9	15
99	Diversity Measurements for On-Body Channels Using a Tri-Polarization Antenna at 2.45 GHz. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1285-1288.	2.4	15
100	A Bidirectional Leftâ€Hand Circularly Polarized Antenna Using Dual Rotated Patches. Microwave and Optical Technology Letters, 2013, 55, 2044-2047.	0.9	15
101	Wideband triâ€port MIMO antenna with compact size and directional radiation pattern. Electronics Letters, 2014, 50, 1261-1262.	0.5	15
102	Systematic Crest Factor Reduction and Efficiency Enhancement of Dual-Band Power Amplifier Based Transmitters. IEEE Transactions on Broadcasting, 2017, 63, 111-122.	2.5	15
103	Linear Multibeam Transmitarray Based on the Sliding Aperture Technique. IEEE Transactions on Antennas and Propagation, 2018, 66, 3948-3958.	3.1	15
104	Dual-Beam Periodic Leaky-Wave Antenna With Reduced Beam Squinting. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2533-2537.	2.4	15
105	Multi-Stream Spatial Digital Predistortion for Fully-Connected Hybrid Beamforming Massive MIMO Transmitters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2998-3011.	3.5	15
106	A compact wideband planar diversity antenna for mobile handsets. Microwave and Optical Technology Letters, 2008, 50, 87-91.	0.9	14
107	Compact dual-polarized antenna combining printed monopole and half-slot antenna for MIMO applications. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	14
108	Compact allâ€metallic cavityâ€cascaded antenna. Electronics Letters, 2016, 52, 413-414.	0.5	14

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109	A Robust and Scalable Harmonic Cancellation Digital Predistortion Technique for HF Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2796-2807.	2.9	14
110	A Fully Integrated 47.6% Fractional Bandwidth GaN MMIC Distributed Efficient Power Amplifier With Modified Input Matching and Power Splitting Network. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3132-3145.	2.9	14
111	Experimental Investigation of New Radiating Mode in Rectangular Hybrid Dielectric Resonator Antenna. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 91-94.	2.4	13
112	Wideband Triangular-Cavity-Cascaded Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 2840-2847.	3.1	13
113	A 24-29.5 GHz Voltage-Combined Doherty Power Amplifier Based on Compact Low-Loss Combiner. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2342-2346.	2.2	13
114	A Dual-Beam Eight-Element Antenna Array With Compact CPWG Crossover Structure. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1269-1272.	2.4	12
115	Multiband and Multimode Concurrent PA With Novel Intermodulation Tuning Network for Linearity Improvement. IEEE Microwave and Wireless Components Letters, 2018, 28, 248-250.	2.0	12
116	A robust and broadband digital predistortion utilizing negative feedback iteration. , 2018, , .		12
117	A Novel Ultra-Wideband Microstrip-Line Fed Wide-Slot Antenna Having Frequency Band-Notch Function. , 2007, , .		11
118	A Dual-Environment Active RFID Tag Antenna Mountable on Metallic Objects. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1759-1762.	2.4	11
119	Design of Planar ESPAR Antenna by Using Sidelobe Reduction Algorithm. , 2007, , .		10
120	Analysis and design of tapered slot antenna for ultra-wideband applications. Tsinghua Science and Technology, 2009, 14, 1-6.	4.1	10
121	A novel hybrid planar SIW magic tee and monopulse antenna. Microwave and Optical Technology Letters, 2010, 52, 686-689.	0.9	10
122	Wideband unidirectional circularly polarised slot array with integrated feeding network. Electronics Letters, 2014, 50, 1039-1040.	0.5	10
123	Compact Single-Feed Dual-Mode Antenna for Active RFID Tag Application. IEEE Transactions on Antennas and Propagation, 2015, 63, 5190-5194.	3.1	10
124	An Efficient Directional Modulation Transmitter With Novel Crest Factor Reduction Technique. IEEE Microwave and Wireless Components Letters, 2019, 29, 554-556.	2.0	10
125	A 24â€“44 GHz Broadband Transmitâ€“Receive Front End in 0.13-Î¼m SiGe BiCMOS for Multistandard 5G Applications. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3463-3474.	2.9	10
126	A novel switched-sector planar antenna using parasitic elements. , 2004, , .		9

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127	Channel capacity study of polarization reconfigurable slot antenna for indoor MIMO system. Microwave and Optical Technology Letters, 2011, 53, 1209-1213.	0.9	9
128	High-Permittivity Substrate Multiresonant Antenna Inside Metallic Cover of Laptop Computer. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1092-1095.	2.4	9
129	ISM 433-MHz Miniaturized Antenna Using the Shielding Box of Mobile Terminals. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 330-333.	2.4	9
130	Novel switched sector beam planar UWB antenna. Microwave and Optical Technology Letters, 2007, 49, 1185-1187.	0.9	8
131	A compact CPWâ€FED circular patch antenna with pattern and polarization diversities. Microwave and Optical Technology Letters, 2011, 53, 968-972.	0.9	8
132	Linearization of a Directional Modulation Transmitter Using Low-Complexity Cascaded Digital Predistortion. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4467-4478.	2.9	8
133	A Broadband Millimeter-Wave Continuous-Mode Class-F Power Amplifier Based on the Deembedded Transistor Model. IEEE Microwave and Wireless Components Letters, 2020, 30, 609-612.	2.0	8
134	A Complexity-Reduced Harmonic-Cancellation Digital Predistortion for HF Transmitters. IEEE Microwave and Wireless Components Letters, 2021, 31, 529-532.	2.0	8
135	A Novel Wide Beam Dual-band Dual-Polarization Stacked Microstrip - Dielectric Antenna. , 2007, , .		7
136	A novel compact reconfigurable polarization and pattern antenna. Microwave and Optical Technology Letters, 2007, 49, 2802-2805.	0.9	7
137	A bidirectional waveguide antenna with polarization reconfigurable capability. Microwave and Optical Technology Letters, 2014, 56, 422-427.	0.9	7
138	A concurrent dual-band 1.9–2.6-GHz Doherty power amplifier with Intermodulation impedance tuning. , 2014, , .		7
139	A novel focusing lens conical horn antenna loaded with dielectric. , 2015, , .		7
140	Lowâ€profile circularly polarised patchâ€“ring antenna with compact feeding network. IET Microwaves, Antennas and Propagation, 2018, 12, 410-415.	0.7	7
141	Reduced Cost Digital Predistortion Only With In-Phase Feedback Signal. IEEE Microwave and Wireless Components Letters, 2018, 28, 257-259.	2.0	7
142	3.5-0Hz High-Efficiency Broadband Asymmetric Doherty Power Amplifier for 5G Applications. , 2018, , .		7
143	Beam-Oriented Digital Predistortion for Hybrid Beamforming Array Utilizing Over-the-Air Diversity Feedbacks. , 2019, , .		7
144	A Fully Integrated C-band GaN MMIC Doherty Power Amplifier with High Gain and High Efficiency for 5G Application. , 2019, , .		7

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145	A Fully Integrated 3.5-/4.9-GHz Dual-Band GaN MMIC Doherty Power Amplifier Based on Multi-Resonant Circuits. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 416-431.	2.9	7
146	2-D Magnitude-Selective Affine Function-Based Digital Predistortion for Concurrent Dual-Band Terminal Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4209-4222.	2.9	7
147	A Highly Linear GaN MMIC Doherty Power Amplifier Based on Phase Mismatch Induced AMâ€“PM Compensation. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1334-1348.	2.9	7
148	Dynamic Spatial Channel Assignment for Smart Antenna. Wireless Personal Communications, 1999, 11, 79-87.	1.8	6
149	Accurate model for micromachined microwave planar spiral inductors. International Journal of RF and Microwave Computer-Aided Engineering, 2003, 13, 229-238.	0.8	6
150	A novel accurate PEEC-based 3D modeling technique for RF devices of arbitrary conductor-magnet structure. Microwave and Optical Technology Letters, 2003, 38, 237-240.	0.9	6
151	Compact planar monopole antenna with ground branch for GSM/DCS/PCS/IMT2000 operation. Microwave and Optical Technology Letters, 2006, 48, 719-721.	0.9	6
152	A novel multiband and broadband fractal patch antenna. Microwave and Optical Technology Letters, 2006, 48, 814-817.	0.9	6
153	A low cost trigger frequency alterable ultra-wide band ambipolar pulses generator. , 2008, , .		6
154	Design of asymmetrical spurline filter for a high power sic MESFET class-E power amplifier. Microwave and Optical Technology Letters, 2010, 52, 1650-1652.	0.9	6
155	A compact common-mode filter for GHz differential signals using defected ground structure and shorted microstrip stubs. , 2012, , .		6
156	Investigation of a New Radiating Mode and the Traditional Dominant Mode in Rectangular Dielectric Resonator Antenna. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 909-912.	2.4	6
157	Design of A CPWâ€FED Câ€Shaped Slot Array Antenna for Coal Mine/Tunnel Applications. Microwave and Optical Technology Letters, 2013, 55, 1784-1789.	0.9	6
158	A 1.1GHz bandwidth, 46%â€“62% efficiency Continuous Mode Doherty Power Amplifier. , 2016, , .		6
159	Concurrent dualâ€band digital predistortion implemented with reduced lookâ€upâ€tables. Electronics Letters, 2017, 53, 802-804.	0.5	6
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