Zhijun Zhang

List of Publications by Year
in descending order

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294	7,809	53794 45	88630 70
papers	citations	h-index	g-index

300	300	300	4729
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Near-Optimal Beam Selection for Beamspace MmWave Massive MIMO Systems. IEEE Communications Letters, 2016, 20, 1054-1057.	4.1	230
2	Compact 5G MIMO Mobile Phone Antennas With Tightly Arranged Orthogonal-Mode Pairs. IEEE Transactions on Antennas and Propagation, 2018, 66, 6364-6369.	5.1	215
3	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.	5.1	190
4	A Compact Hepta-Band Loop-Inverted F Reconfigurable Antenna for Mobile Phone. IEEE Transactions on Antennas and Propagation, 2012, 60, 389-392.	5.1	174
5	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.	5.1	160
6	A Dual-Polarization Slot Antenna Using a Compact CPW Feeding Structure. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 191-194.	4.0	158
7	Self-Decoupled MIMO Antenna Pair With Shared Radiator for 5G Smartphones. IEEE Transactions on Antennas and Propagation, 2020, 68, 3423-3432.	5.1	142
8	A Wideband Sequential-Phase Fed Circularly Polarized Patch Array. IEEE Transactions on Antennas and Propagation, 2014, 62, 3890-3893.	5.1	123
9	3D bioprinted neural tissue constructs for spinal cord injury repair. Biomaterials, 2021, 272, 120771.	11.4	121
10	A MNG-TL Loop Antenna Array With Horizontally Polarized Omnidirectional Patterns. IEEE Transactions on Antennas and Propagation, 2012, 60, 2702-2710.	5.1	113
11	Compact Azimuthal Omnidirectional Dual-Polarized Antenna Using Highly Isolated Colocated Slots. IEEE Transactions on Antennas and Propagation, 2012, 60, 4037-4045.	5.1	110
12	Design of a Wideband Horizontally Polarized Omnidirectional Printed Loop Antenna. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 49-52.	4.0	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.	4.0	103
14	Antenna Decoupling by Common and Differential Modes Cancellation. IEEE Transactions on Antennas and Propagation, 2021, 69, 672-682.	5.1	99
15	A ray-tracing method based on the triangular grid approach and application to propagation prediction in urban environments. IEEE Transactions on Antennas and Propagation, 2002, 50, 750-758.	5.1	94
16	A Sequential-Phase Feed Using a Circularly Polarized Shorted Loop Structure. IEEE Transactions on Antennas and Propagation, 2013, 61, 1443-1447.	5.1	93
17	A Novel Hybrid-Fed Patch Antenna With Pattern Diversity. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 562-565.	4.0	92
18	Decoupling Between Extremely Closely Spaced Patch Antennas by Mode Cancellation Method. IEEE Transactions on Antennas and Propagation, 2021, 69, 3074-3083.	5.1	84

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19	Compact Heptaband Reconfigurable Loop Antenna for Mobile Handset. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1162-1165.	4.0	80
20	Dual-band WLAN dipole antenna using an internal matching circuit. IEEE Transactions on Antennas and Propagation, 2005, 53, 1813-1818.	5.1	74
21	Dual-Band Circularly Polarized Stacked Annular-Ring Patch Antenna for GPS Application. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 49-52.	4.0	74
22	Multifunctional nanotheranostic gold nanocages for photoacoustic imaging guided radio/photodynamic/photothermal synergistic therapy. Acta Biomaterialia, 2019, 84, 328-338.	8.3	73
23	A Wideband Isotropic Radiated Planar Antenna Using Sequential Rotated L-Shaped Monopoles. IEEE Transactions on Antennas and Propagation, 2014, 62, 1461-1464.	5.1	71
24	A Compact Wideband Microstrip Crossover. IEEE Microwave and Wireless Components Letters, 2012, 22, 254-256.	3.2	68
25	Indocyanine Green Loaded Magnetic Carbon Nanoparticles for Near Infrared Fluorescence/Magnetic Resonance Dual-Modal Imaging and Photothermal Therapy of Tumor. ACS Applied Materials & Interfaces, 2017, 9, 9484-9495.	8.0	68
26	A Novel Null Scanning Antenna Using Even and Odd Modes of a Shorted Patch. IEEE Transactions on Antennas and Propagation, 2014, 62, 1903-1909.	5.1	65
27	Wideband Decoupling of Integrated Slot Antenna Pairs for 5G Smartphones. IEEE Transactions on Antennas and Propagation, 2021, 69, 2386-2391.	5.1	64
28	Low-Profile Planar Tripolarization Antenna for WLAN Communications. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 83-86.	4.0	62
29	A Wideband Compact WLAN/WiMAX MIMO Antenna Based on Dipole With V-shaped Ground Branch. IEEE Transactions on Antennas and Propagation, 2015, 63, 2290-2295.	5.1	60
30	Dual-Band Circularly Polarized Rotated Patch Antenna With a Parasitic Circular Patch Loading. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 492-495.	4.0	59
31	Generation of OAM Radio Waves Using Circular Vivaldi Antenna Array. International Journal of Antennas and Propagation, 2013, 2013, 1-7.	1.2	59
32	Design of Omnidirectional Dual-Polarized Antenna in Slender and Low-Profile Column. IEEE Transactions on Antennas and Propagation, 2014, 62, 2323-2326.	5.1	58
33	Complex-Wall Effect on Propagation Characteristics and MIMO Capacities for an Indoor Wireless Communication Environment. IEEE Transactions on Antennas and Propagation, 2004, 52, 914-922.	5.1	56
34	Broadband and Low-Profile Microstrip Antenna Using Strip-Slot Hybrid Structure. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3118-3121.	4.0	55
35	A Wideband High-Isolated Dual-Polarized Patch Antenna Using Two Different Balun Feedings. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1617-1619.	4.0	54
36	Experimental Analysis of a Wideband Pattern Diversity Antenna With Compact Reconfigurable CPW-to-Slotline Transition Feed. IEEE Transactions on Antennas and Propagation, 2011, 59, 4222-4228.	5.1	53

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37	Isotropic Radiation From a Compact Planar Antenna Using Two Crossed Dipoles. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1338-1341.	4.0	53
38	The effect of surface charge on the cytotoxicity and uptake of carbon quantum dots in human umbilical cord derived mesenchymal stem cells. Colloids and Surfaces B: Biointerfaces, 2018, 171, 241-249.	5.0	53
39	Circularly Polarized 2 Bit Reconfigurable Beam-Steering Antenna Array. IEEE Transactions on Antennas and Propagation, 2020, 68, 2416-2421.	5.1	52
40	Wideband Integrated Quad-Element MIMO Antennas Based on Complementary Antenna Pairs for 5G Smartphones. IEEE Transactions on Antennas and Propagation, 2021, 69, 4466-4474.	5.1	52
41	A New Low Cost Leaky Wave Coplanar Waveguide Continuous Transverse Stub Antenna Array Using Metamaterial-Based Phase Shifters for Beam Steering. IEEE Transactions on Antennas and Propagation, 2013, 61, 3511-3518.	5.1	51
42	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.	5.1	50
43	Utilization of a lateral flow colloidal gold immunoassay strip based on surface-enhanced Raman spectroscopy for ultrasensitive detection of antibiotics in milk. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 197, 107-113.	3.9	49
44	Planar Printed Multi-Resonant Antenna for Octa-Band WWAN/LTE Mobile Handset. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1734-1737.	4.0	48
45	Unified Efficient Thermostat Scheme for the Canonical Ensemble with Holonomic or Isokinetic Constraints via Molecular Dynamics. Journal of Physical Chemistry A, 2019, 123, 6056-6079.	2.5	48
46	A ray-tracing approach for indoor/outdoor propagation through window structures. IEEE Transactions on Antennas and Propagation, 2002, 50, 742-749.	5.1	47
47	Ultra-Compact Three-Port MIMO Antenna With High Isolation and Directional Radiation Patterns. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1545-1548.	4.0	47
48	HP-Î²-CD Functionalized Fe₃O₄/CNPs-Based Theranostic Nanoplatform for pH/NIR Responsive Drug Release and MR/NIRFL Imaging-Guided Synergetic Chemo/Photothermal Therapy of Tumor. ACS Applied Materials & Interfaces, 2018, 10, 33867-33878.	8.0	45
49	Low-Profile and Wideband Microstrip Antenna Using Quasi-Periodic Aperture and Slot-to-CPW Transition. IEEE Transactions on Antennas and Propagation, 2019, 67, 632-637.	5.1	45
50	Reconfigurable 2-bit Fixed-Frequency Beam Steering Array Based on Microstrip Line. IEEE Transactions on Antennas and Propagation, 2018, 66, 683-691.	5.1	44
51	Dual-Mode Loop Antenna With Compact Feed for Polarization Diversity. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 95-98.	4.0	43
52	A Dual-Resonant Shorted Patch Antenna for Wearable Application in 430 MHz Band. IEEE Transactions on Antennas and Propagation, 2013, 61, 6195-6200.	5.1	43
53	Hyaluronic Acid-Modified Auâ€“Ag Alloy Nanoparticles for Radiation/Nanozyme/Ag⁺ Multimodal Synergistically Enhanced Cancer Therapy. Bioconjugate Chemistry, 2020, 31, 1756-1765.	3.6	43
54	A Compact Wideband Slot-Loop Hybrid Antenna With a Monopole Feed. IEEE Transactions on Antennas and Propagation, 2014, 62, 3864-3868.	5.1	42

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55	A Tripolarization Antenna Fed by Proximity Coupling and Probe. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 465-467.	4.0	41
56	Study of Conformal Switchable Antenna System on Cylindrical Surface for Isotropic Coverage. IEEE Transactions on Antennas and Propagation, 2011, 59, 776-783.	5.1	41
57	Low-Profile EndFire Leaky-Wave Antenna With Air Media. IEEE Transactions on Antennas and Propagation, 2018, 66, 1086-1092.	5.1	41
58	Promoting tendon to bone integration using graphene oxide-doped electrospun poly(lactic-co-glycolic acid) nanofibrous membrane . International Journal of Nanomedicine, 2019, Volume 14, 1835-1847.	6.7	41
59	HBC-nanofiber hydrogel scaffolds with 3D printed internal microchannels for enhanced cartilage differentiation. Journal of Materials Chemistry B, 2020, 8, 6115-6127.	5.8	41
60	Fast ray tracing procedure using space division with uniform rectangular grid. Electronics Letters, 2000, 36, 895.	1.0	40
61	A Wideband Differential-Fed Slot Antenna Using Integrated Compact Balun With Matching Capability. IEEE Transactions on Antennas and Propagation, 2014, 62, 5394-5399.	5.1	40
62	A unified thermostat scheme for efficient configurational sampling for classical/quantum canonical ensembles via molecular dynamics. Journal of Chemical Physics, 2017, 147, 034109.	3.0	40
63	A Dual Circularly Polarized Waveguide Antenna With Bidirectional Radiations of the Same Sense. IEEE Transactions on Antennas and Propagation, 2014, 62, 480-484.	5.1	39
64	Compact Co-Horizontally Polarized Full-Duplex Antenna With Omnidirectional Patterns. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1154-1158.	4.0	39
65	Design and Development of Multiband Coaxial Continuous Transverse Stub (CTS) Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2004, 52, 2180-2184.	5.1	38
66	A Switchable Matching Circuit for Compact Wideband Antenna Designs. IEEE Transactions on Antennas and Propagation, 2010, 58, 3450-3457.	5.1	38
67	A Switched Beam Antenna With Shaped Radiation Pattern and Interleaving Array Architecture. IEEE Transactions on Antennas and Propagation, 2015, 63, 2914-2921.	5.1	38
68	A Novel Low-Profile Hepta-Band Handset Antenna Using Modes Controlling Method. IEEE Transactions on Antennas and Propagation, 2015, 63, 799-804.	5.1	38
69	Chondroinductive factor-free chondrogenic differentiation of human mesenchymal stem cells in graphene oxide-incorporated hydrogels. Journal of Materials Chemistry B, 2018, 6, 908-917.	5.8	38
70	Hybrid smart antenna system using directional elements - Performance analysis in flat Rayleigh fading. IEEE Transactions on Antennas and Propagation, 2003, 51, 2926-2935.	5.1	37
71	A Hemispherical 3-D Null Steering Antenna for Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 803-806.	4.0	37
72	Coaxial continuous transverse stub (CTS) array. IEEE Microwave and Wireless Components Letters, 2001, 11, 489-491.	3.2	36

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73	A Low-Cost Dual-Polarized Array Antenna Etched on a Single Substrate. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 265-268.	4.0	36
74	A Bidirectional High-Gain Cascaded Ring Antenna for Communication in Coal Mine. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 761-764.	4.0	36
75	Horizontally Polarized Omnidirectional Antenna Array Using Cascaded Cavities. IEEE Transactions on Antennas and Propagation, 2016, 64, 5454-5459.	5.1	36
76	A Triband Shunt-Fed Omnidirectional Planar Dipole Array. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 850-853.	4.0	35
77	A Wideband Dual-Polarized Slot Antenna. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1010-1013.	4.0	35
78	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.	5.1	35
79	Tightly arranged orthogonal mode antenna for 5G MIMO mobile terminal. Microwave and Optical Technology Letters, 2018, 60, 1751-1756.	1.4	35
80	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.	5.1	34
81	A Bidirectional Endfire Array With Compact Antenna Elements for Coal Mine/Tunnel Communication. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 342-345.	4.0	33
82	A Broadband Patch Antenna With Tripolarization Using Quasi-Cross-Slot and Capacitive Coupling Feed. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 832-835.	4.0	33
83	60-GHz Air Substrate Leaky-Wave Antenna Based on MEMS Micromachining Technology. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 1656-1662.	2.5	33
84	Long-term in vivo CT tracking of mesenchymal stem cells labeled with Au@BSA@PLL nanotracers. Nanoscale, 2019, 11, 20932-20941.	5.6	33
85	Low-Cost Compact Circularly Polarized Dual-Layer PIFA for Active RFID Reader. IEEE Transactions on Antennas and Propagation, 2019, 67, 681-686.	5.1	33
86	Ray tracing method for propagation models in wireless communication systems. Electronics Letters, 2000, 36, 464.	1.0	32
87	A Circularly Polarized Pattern Diversity Antenna for Hemispherical Coverage. IEEE Transactions on Antennas and Propagation, 2014, 62, 5365-5369.	5.1	31
88	A Compact Dual-Mode Metamaterial-Based Loop Antenna for Pattern Diversity. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 394-397.	4.0	31
89	Path integral Liouville dynamics: Applications to infrared spectra of OH, water, ammonia, and methane. Journal of Chemical Physics, 2016, 144, 034307.	3.0	31
90	Omnidirectional Dual-Polarized Antenna With Sabre-Like Structure. IEEE Transactions on Antennas and Propagation, 2017, 65, 3221-3225.	5.1	31

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91	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.	5.1	31
92	An Open Cavity Leaky-Wave Antenna With Vertical-Polarization Endfire Radiation. IEEE Transactions on Antennas and Propagation, 2019, 67, 3455-3460.	5.1	31
93	A Compact Eighteen-Port Antenna Cube for MIMO Systems. IEEE Transactions on Antennas and Propagation, 2012, 60, 445-455.	5.1	30
94	Design of Dual-Polarized Monopole-Slot Antenna With Small Volume and High Isolation. IEEE Transactions on Antennas and Propagation, 2012, 60, 2511-2514.	5.1	30
95	A Reconfigurable Reflectarray Antenna With an 8 Î¼m-Thick Layer of Liquid Crystal. IEEE Transactions on Antennas and Propagation, 2022, 70, 2770-2778.	5.1	30
96	Quasiclassical trajectory study of H+SiH ₄ reactions in full-dimensionality reveals atomic-level mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13180-13185.	7.1	29
97	An Endfire Beam-Switchable Antenna Array Used in Vehicular Environment. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 195-198.	4.0	29
98	A Wideband MNG-TL Dipole Antenna With Stable Radiation Patterns. IEEE Transactions on Antennas and Propagation, 2013, 61, 2418-2424.	5.1	29
99	Monostatic Copolarized Simultaneous Transmit and Receive (STAR) Antenna by Integrated Single-Layer Design. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 472-476.	4.0	29
100	Wideband Dual-Polarized Endfire Antenna Based on Compact Open-Ended Cavity for 5G Mm-Wave Mobile Phones. IEEE Transactions on Antennas and Propagation, 2022, 70, 1632-1642.	5.1	29
101	Design of a low-cost 2-D beam-steering antenna using ferroelectric material and CTS technology. IEEE Transactions on Microwave Theory and Techniques, 2001, 49, 1000-1003.	4.6	27
102	Periodic Leaky-Wave Antenna Array With Horizontally Polarized Omnidirectional Pattern. IEEE Transactions on Antennas and Propagation, 2012, 60, 3165-3173.	5.1	27
103	Dual Linearly Polarized Microstrip Antenna Using a Slot-Loaded TM₅₀ Mode. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2344-2348.	4.0	27
104	CT/Bioluminescence Dualâ€Modal Imaging Tracking of Mesenchymal Stem Cells in Pulmonary Fibrosis. Small, 2019, 15, e1904314.	10.0	27
105	All-Metal Endfire Antenna With High Gain and Stable Radiation Pattern for the Platform-Embedded Application. IEEE Transactions on Antennas and Propagation, 2019, 67, 730-737.	5.1	27
106	CT/NIRF dual-modal imaging tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with Au nanoparticles in silica-induced pulmonary fibrosis. Journal of Materials Chemistry B, 2020, 8, 1713-1727.	5.8	27
107	2-D Planar Scalable Dual-Polarized Series-Fed Slot Antenna Array Using Single Substrate. IEEE Transactions on Antennas and Propagation, 2014, 62, 2280-2283.	5.1	26
108	All-Metal Antenna Array Based on Microstrip Line Structure. IEEE Transactions on Antennas and Propagation, 2016, 64, 351-355.	5.1	26

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109	A BIDIRECTIONAL CIRCULARLY POLARIZED ARRAY OF THE SAME SENSE BASED ON CRLH TRANSMISSION LINE. Progress in Electromagnetics Research, 2013, 141, 537-552.	4.4	25
110	A Compact Planar Omnidirectional MIMO Array Antenna With Pattern Phase Diversity Using Folded Dipole Element. IEEE Transactions on Antennas and Propagation, 2019, 67, 1688-1696.	5.1	25
111	Dual-Mode Compression of Dipole Antenna by Loading Electrically Small Loop Resonator. IEEE Transactions on Antennas and Propagation, 2020, 68, 3243-3247.	5.1	25
112	A Beam-Switching Antenna Array With Shaped Radiation Patterns. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 818-821.	4.0	24
113	A Waveguide Antenna With Bidirectional Circular Polarizations of the Same Sense. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 559-562.	4.0	24
114	Compact Co-polarized PIFAs for Full-Duplex Application Based on CM/DM Cancellation Theory. IEEE Transactions on Antennas and Propagation, 2021, 69, 7103-7110.	5.1	24
115	pHâ€Triggered Aggregation of Gold Nanoparticles for Enhanced Labeling and Longâ€Term CT Imaging Tracking of Stem Cells in Pulmonary Fibrosis Treatment. Small, 2021, 17, e2101861.	10.0	23
116	A Quadband Antenna With Reconfigurable Feedings. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1069-1071.	4.0	22
117	DESIGN OF A DUALBAND OMNIDIRECTIONAL PLANAR MICROSTRIP ANTENNA ARRAY. Progress in Electromagnetics Research, 2012, 126, 101-120.	4.4	22
118	Low-Profile Compact Circularly Polarized Slot-Etched PIFA Using Even and Odd Modes. IEEE Transactions on Antennas and Propagation, 2019, 67, 4189-4194.	5.1	22
119	Design of a Stacked Co-Polarized Full-Duplex Antenna With Broadside Radiation. IEEE Transactions on Antennas and Propagation, 2021, 69, 7111-7118.	5.1	22
120	Design of Penta-Band Omnidirectional Slot Antenna With Slender Columnar Structure. IEEE Transactions on Antennas and Propagation, 2014, 62, 594-601.	5.1	21
121	Stationary state distribution and efficiency analysis of the Langevin equation via real or virtual dynamics. Journal of Chemical Physics, 2017, 147, 184104.	3.0	21
122	A Novel Reconfigurable Miniaturized Phase Shifter for 2-D Beam Steering 2-Bit Array Applications. IEEE Microwave and Wireless Components Letters, 2021, 31, 381-384.	3.2	21
123	A Simplified Hemispherical 2-D Angular Space Null Steering Approach for Linearly Polarization. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1628-1631.	4.0	20
124	A Low-Cost Wideband Circularly Polarized Slot Array With Integrated Feeding Network and Reduced Height. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 222-225.	4.0	20
125	A Millimeter-Wave Micromachined Air-Filled Slot Antenna Fed by Patch. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 1683-1690.	2.5	20
126	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.	5.1	20

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127	Dual-Polarized, High-Gain, and Low-Profile Magnetic Current Array Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 1312-1317.	5.1	20
128	A Pattern-Reconfigurable Aircraft Antenna With Low Wind Drag. IEEE Transactions on Antennas and Propagation, 2020, 68, 4397-4405.	5.1	20
129	New phase shifters and phased antenna array designs based on ferroelectric materials and CTS technologies. IEEE Transactions on Microwave Theory and Techniques, 2001, 49, 2547-2553.	4.6	19
130	An Electrically Large Metallic Cavity Antenna With Circular Polarization for Satellite Applications. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1461-1464.	4.0	19
131	Efficient quantum calculation of the vibrational states of acetylene. Chemical Physics, 2012, 400, 1-7.	1.9	18
132	Design of a Ring Probe-Fed Metallic Cavity Antenna for Satellite Applications. IEEE Transactions on Antennas and Propagation, 2013, 61, 4836-4839.	5.1	18
133	A Planar Wideband Dual-Polarized Array for Active Antenna System. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 544-547.	4.0	18
134	High-Gain Leaky-Wave Endfire Antenna Based on Hansenâ€“Woodyard Condition. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2155-2159.	4.0	18
135	Microstrip-Fed Surface-Wave Antenna for Endfire Radiation. IEEE Transactions on Antennas and Propagation, 2019, 67, 580-584.	5.1	18
136	Highly resilient, biocompatible, and antibacterial carbon nanotube/hydroxybutyl chitosan sponge dressing for rapid and effective hemostasis. Journal of Materials Chemistry B, 2021, 9, 9754-9763.	5.8	18
137	Design of a Coplanar Integrated Microstrip Antenna for GPS/ITS Applications. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 458-461.	4.0	17
138	A Bidirectional Array of the Same Left-Handed Circular Polarization Using a Special Substrate. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1543-1546.	4.0	17
139	All-Metal Centipede-Like End-Fire Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1905-1909.	4.0	17
140	Dualâ€port planar MIMO antenna with ultraâ€high isolation and orthogonal radiation patterns. Electronics Letters, 2015, 51, 7-8.	1.0	16
141	Bidirectional sameâ€sense circularly polarized antenna using slotâ€coupled backâ€toâ€back patches. Microwave and Optical Technology Letters, 2017, 59, 645-648.	1.4	16
142	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.	5.1	16
143	Enhanced and long-term CT imaging tracking of transplanted stem cells labeled with temperature-responsive gold nanoparticles. Journal of Materials Chemistry B, 2021, 9, 2854-2865.	5.8	16
144	In vivo CT imaging tracking of stem cells labeled with Au nanoparticles. View, 2022, 3, 20200119.	5.3	16

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145	A Two-Port Microstrip Antenna With High Isolation for Wi-Fi 6 and Wi-Fi 6E Applications. IEEE Transactions on Antennas and Propagation, 2022, 70, 5227-5234.	5.1	16
146	A compact DVBâ€H antenna with varactorâ€tuned matching circuit. Microwave and Optical Technology Letters, 2010, 52, 1786-1789.	1.4	15
147	Accurate quantum mechanical study of the Renner-Teller effect in the singlet CH2. Journal of Chemical Physics, 2011, 135, 154303.	3.0	15
148	A Bidirectional Leftâ€Hand Circularly Polarized Antenna Using Dual Rotated Patches. Microwave and Optical Technology Letters, 2013, 55, 2044-2047.	1.4	15
149	Wideband triâ€port MIMO antenna with compact size and directional radiation pattern. Electronics Letters, 2014, 50, 1261-1262.	1.0	15
150	Linear Multibeam Transmitarray Based on the Sliding Aperture Technique. IEEE Transactions on Antennas and Propagation, 2018, 66, 3948-3958.	5.1	15
151	Dual-Beam Periodic Leaky-Wave Antenna With Reduced Beam Squinting. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2533-2537.	4.0	15
152	A Dual-Band Tunable Ultra-Thin Cavity Antenna. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 717-720.	4.0	14
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