

# Junping Geng

## List of Publications by Year in descending order

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285  
papers

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117619

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docs citations

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times ranked

2248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Printed Omni-Directional UWB Monopole Antenna With Very Compact Size. IEEE Transactions on Antennas and Propagation, 2008, 56, 896-899.	5.1	135
2	Water metamaterial for ultra-broadband and wide-angle absorption. Optics Express, 2018, 26, 5052.	3.4	92
3	Direction Finding by Time-Modulated Array With Harmonic Characteristic Analysis. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 642-645.	4.0	91
4	Design of a Broadband Metasurface Luneburg Lens for Full-Angle Operation. IEEE Transactions on Antennas and Propagation, 2019, 67, 2442-2451.	5.1	89
5	A Broadband Dual Circularly Polarized Patch Antenna With Wide Beamwidth. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1457-1460.	4.0	78
6	Truly All-Dielectric Ultrabroadband Metamaterial Absorber: Water-Based and Ground-Free. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 536-540.	4.0	73
7	An Improved Comprehensive Learning Particle Swarm Optimization and Its Application to the Semiautomatic Design of Antennas. IEEE Transactions on Antennas and Propagation, 2009, 57, 3018-3028.	5.1	70
8	Sideband Radiation Level Suppression in Time-Modulated Array by Nonuniform Period Modulation. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 606-609.	4.0	64
9	Direction Finding by Time-Modulated Linear Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 3642-3652.	5.1	60
10	Design of a CPW-fed ultrawideband fractal antenna. Microwave and Optical Technology Letters, 2007, 49, 173-176.	1.4	56
11	Multiband coherent perfect absorption in a water-based metasurface. Optics Express, 2017, 25, 15737.	3.4	56
12	THE DEVELOPMENT OF CURVED MICROSTRIP ANTENNA WITH DEFECTED GROUND STRUCTURE. Progress in Electromagnetics Research, 2009, 98, 53-73.	4.4	53
13	Experimental Array for Generating Dual Circularly-Polarized Dual-Mode OAM Radio Beams. Scientific Reports, 2017, 7, 40099.	3.3	51
14	Dual-Circularly Polarized Conical-Beam Microstrip Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 482-485.	4.0	50
15	An Omnidirectional Circularly Polarized Slot Array Antenna With High Gain in a Wide Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 666-669.	4.0	50
16	Wideband visible-light absorption in an ultrathin silicon nanostructure. Optics Express, 2017, 25, 5781.	3.4	50
17	Space-Division Multiple Access Based on Time-Modulated Array. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 610-613.	4.0	47
18	Pattern Reconfigurable Antenna Applying Spoof Surface Plasmon Polaritons for Wide Angle Beam Steering. IEEE Access, 2019, 7, 15444-15451.	4.2	47

#	ARTICLE	IF	CITATIONS
19	A Three-Way Reconfigurable Power Divider/Combiner. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 986-998.	4.6	46
20	E-Shape Patch With Wideband and Circular Polarization for Millimeter-Wave Communication. IEEE Transactions on Antennas and Propagation, 2008, 56, 893-895.	5.1	45
21	Rotman Lens-Based Circular Array for Generating Five-mode OAM Radio Beams. Scientific Reports, 2016, 6, 27815.	3.3	45
22	Varactor Loaded Pattern Reconfigurable Patch Antenna With Shorting Pins. IEEE Transactions on Antennas and Propagation, 2019, 67, 6267-6277.	5.1	44
23	Ultra-wideband bandpass filter with hybrid quasi-lumped elements and defected ground structure. IET Microwaves, Antennas and Propagation, 2007, 1, 733.	1.4	43
24	A Dual-Wideband Dual-Polarized Aperture-Shared Patch Antenna With High Isolation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 735-738.	4.0	43
25	Compact Design of Triple-Band Circularly Polarized Quadrifilar Helix Antennas. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 380-383.	4.0	42
26	Generation of OAM Radio Waves with Three Polarizations Using Circular Horn Antenna Array. International Journal of Antennas and Propagation, 2015, 2015, 1-11.	1.2	41
27	A Compact Dual-Band Orthogonal Circularly Polarized Antenna Array With Disparate Elements. IEEE Transactions on Antennas and Propagation, 2015, 63, 1359-1364.	5.1	41
28	On the Performance of Printed Dipole Antenna With Novel Composite Corrugated-Reflectors for Low-Profile Ultrawideband Applications. IEEE Transactions on Antennas and Propagation, 2010, 58, 3839-3846.	5.1	40
29	Pulse Preserving Capabilities of Printed Circular Disk Monopole Antennas With Different Grounds for the Specified Input Signal Forms. IEEE Transactions on Antennas and Propagation, 2007, 55, 2866-2873.	5.1	38
30	A Single-Layer Ultrawideband Microstrip Antenna. IEEE Transactions on Antennas and Propagation, 2010, 58, 211-214.	5.1	38
31	Optical Transparent Antenna Array Integrated With Solar Cell. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 457-461.	4.0	37
32	Parallel Calibration Method for Phased Array With Harmonic Characteristic Analysis. IEEE Transactions on Antennas and Propagation, 2014, 62, 5029-5036.	5.1	35
33	Numerical Study of the Near-Field and Far-Field Properties of Active Open Cylindrical Coated Nanoparticle Antennas. IEEE Photonics Journal, 2011, 3, 1093-1110.	2.0	34
34	High-Gain Planar Antenna Arrays for Mobile Satellite Communications [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2012, 54, 256-268.	1.4	34
35	An N-Way Reconfigurable Power Divider. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4122-4137.	4.6	34
36	Rectangular Grating Waveguide Slot Array Antenna for SATCOM Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 3869-3880.	5.1	34

#	ARTICLE	IF	CITATIONS
37	Compact CPW-fed quasi-circular monopole with very wide bandwidth. Electronics Letters, 2007, 43, 69.	1.0	33
38	An ultra-wideband microstrip elliptical slot antenna excited by a circular patch. Microwave and Optical Technology Letters, 2008, 50, 845-846.	1.4	32
39	Printed Binomial-Curved Slot Antennas for Various Wideband Applications. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 1058-1065.	4.6	31
40	MoS <sub>2</sub> Broadband Coherent Perfect Absorber for Terahertz Waves. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	31
41	Analysis and Experiments on Reflection and Refraction of Orbital Angular Momentum Waves. IEEE Transactions on Antennas and Propagation, 2019, 67, 2085-2094.	5.1	31
42	Planar microstrip UWB bandpass filter using U-shaped slot coupling structure. Electronics Letters, 2006, 42, 1461.	1.0	27
43	Ultra-wideband rectangular disk monopole antenna with notched ground. Electronics Letters, 2007, 43, 605.	1.0	27
44	Switched Multibeam Circular Array With a Reconfigurable Network. IEEE Transactions on Antennas and Propagation, 2016, 64, 3228-3233.	5.1	26
45	Experiments of Orbital Angular Momentum Phase Properties for Long-Distance Transmission. IEEE Access, 2019, 7, 62689-62694.	4.2	26
46	Efficiency Improvement of Time Modulated Array With Reconfigurable Power Divider/Combiner. IEEE Transactions on Antennas and Propagation, 2017, 65, 4027-4037.	5.1	25
47	A Cylindrically Conformal Array With Enhanced Axial Radiation. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1653-1656.	4.0	24
48	Wideband Circularly Polarized Antenna With Dual-Mode Operation. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 767-770.	4.0	24
49	Wideband Dual-Polarized Binary Coding Antenna With Wide Beamwidth and Its Array for Millimeter-Wave Applications. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 636-640.	4.0	23
50	Optimal design of ultra wideband antennas using a mixed model of genetic algorithm and finite-difference time-domain. Microwave and Optical Technology Letters, 2007, 49, 3177-3180.	1.4	21
51	Truncated Circular Cone Slot Antenna Array That Radiates a Circularly Polarized Conical Beam. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2574-2577.	4.0	21
52	Reconfigurable Unequal Power Divider With a High Dividing Ratio. IEEE Microwave and Wireless Components Letters, 2015, 25, 514-516.	3.2	20
53	High-Accuracy DOA Estimation Based on Time-Modulated Array With Long and Short Baselines. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1391-1395.	4.0	20
54	Direction Finding of Linear Frequency Modulation Signal With Time-Modulated Array. IEEE Transactions on Antennas and Propagation, 2019, 67, 2841-2846.	5.1	19

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55	Auto-design of band-notched UWB antennas using mixed model of 2D GA and FDTD. Electronics Letters, 2008, 44, 257.	1.0	18
56	K-Band Broadband Circularly Polarized Slot Antenna Based on L-Shaped Waveguide Cavity. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1606-1610.	4.0	18
57	Design of a CPW-fed Ultra Wideband Crown Circular Fractal Antenna. , 2006, , .		17
58	2 Å— 2 Array with UC-EBG ground for low RCS and high gain. Microwave and Optical Technology Letters, 2007, 49, 1418-1422.	1.4	17
59	Ruggedized Planar Monopole Antenna With a Null-Filled Shaped Beam. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 933-936.	4.0	17
60	Multuser Communication by Electromagnetic Vortex Based on Time-Modulated Array. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 282-286.	4.0	17
61	A Low-Profile Wideband Dual-Polarized Antenna Based on an Improved HIS and Its Broad-Angle Beam-Scanning Array. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 383-387.	4.0	17
62	Performance Analysis of MIMO MRC Systems in the Presence of Self-Interference and Co-Channel Interferences. IEEE Signal Processing Letters, 2007, 14, 801-803.	3.6	16
63	Perforated dielectric antenna reflectarray for OAM generation. , 2015, , .		16
64	Phase Mode Analysis of Radio Beams Carrying Orbital Angular Momentum. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1127-1130.	4.0	16
65	The Ultra-Compact ELF Magneto-Mechanical Transmission Antenna With the Speed Modulated EM Signal Based on Three-Phase Induction Motor. IEEE Transactions on Antennas and Propagation, 2021, 69, 5286-5296.	5.1	16
66	PULSE PRESERVING CAPABILITIES OF PRINTED CIRCULAR DISK MONOPOLE ANTENNAS WITH DIFFERENT SUBSTRATES. Progress in Electromagnetics Research, 2008, 78, 349-360.	4.4	14
67	A Novel Analytical Method for Multi-Frequency Transmission Line Transformer. IEEE Microwave and Wireless Components Letters, 2016, 26, 556-558.	3.2	14
68	Multifrequency Transformer With Arbitrary Frequency and Real Impedance Transform Ratio. IEEE Microwave and Wireless Components Letters, 2017, 27, 785-787.	3.2	13
69	A novel compact circularly polarized horn antenna. , 2014, , .		12
70	Design of a horn lens antenna for OAM generation. , 2015, , .		12
71	Metal-Loaded Seawater Antenna With High Radiation Efficiency and Wideband Characteristics. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1671-1674.	4.0	12
72	A Low-Profile, Directional, Ultrawideband Antenna. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 255-259.	4.0	12

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73	Direction Finding Based on Time-Modulated Array With Multiharmonic Analysis. IEEE Transactions on Antennas and Propagation, 2020, 68, 5753-5758.	5.1	12
74	Dual-Port Phase Antenna and Its Application in 1-D Arrays to 2-D Scanning. IEEE Transactions on Antennas and Propagation, 2021, 69, 7508-7520.	5.1	12
75	Studies of nanometer antennas incorporating gain material using CST. , 2011, , .		11
76	A new quasi-omnidirectional vertical polarisation antenna with low profile and high gain for DTV on vehicle. IET Microwaves, Antennas and Propagation, 2007, 1, 918.	1.4	10
77	Compact CPW-fed stacked-circle monopole antenna with very wide bandwidth. Microwave and Optical Technology Letters, 2007, 49, 1192-1194.	1.4	10
78	A novel broadband antenna for passive UHF RFID transponders offering global functionality. Microwave and Optical Technology Letters, 2007, 49, 2795-2798.	1.4	10
79	Exact SLF/ELF Underground HED Field Strengths in Earth-Ionosphere Cavity and Schumann Resonance. IEEE Transactions on Antennas and Propagation, 2011, 59, 3031-3039.	5.1	10
80	Detailed performance characteristics of vertically polarized, cylindrical, active coated nano-particle antennas. Radio Science, 2012, 47, .	1.6	10
81	Active cylindrical coated nano-particle antennas: polarization-dependent scattering properties. Journal of Electromagnetic Waves and Applications, 2013, 27, 1392-1406.	1.6	10
82	A Multifixture Full-Wave De-Embedding Method for Characterizing One-Port Devices. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3894-3910.	4.6	10
83	A High-Efficiency Broadband Omnidirectional UHF Patch Antenna Applying Surface Plasmon Polaritons for Handheld Terminals. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 283-286.	4.0	10
84	Theory Analysis and Realization of Single-/Dual-Port Excitation in Beam-Forming Network. IEEE Transactions on Antennas and Propagation, 2018, 66, 4912-4917.	5.1	10
85	Circularly-Polarized Shaped Pattern Planar Antenna for Aerial Platforms. IEEE Access, 2020, 8, 7466-7472.	4.2	10
86	Low radar cross-section and high performances of microstrip antenna using fractal uniplanar compact electromagnetic bandgap ground. IET Microwaves, Antennas and Propagation, 2007, 1, 986.	1.4	9
87	Design of ultra-wide band (UWB) bandpass filter based on defected ground structure. Microwave and Optical Technology Letters, 2007, 49, 1374-1377.	1.4	9
88	LOW-INSERTION LOSS PIN DIODE SWITCHES USING IMPEDANCE-TRANSFORMATION NETWORKS. Progress in Electromagnetics Research C, 2013, 34, 195-202.	0.9	9
89	Dual Circularly Polarized Omnidirectional Antenna with Slot Array on Coaxial Cylinder. International Journal of Antennas and Propagation, 2015, 2015, 1-7.	1.2	9
90	De-Embedding Based on EM Simulation and Measurement: A Hybrid Method. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 5019-5034.	4.6	9

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91	A Generalized Approach for Multifrequency Transmission Line Transformer With Frequency-Dependent Complex Source and Load. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3603-3616.	4.6	9
92	Generalized principle of pattern multiplication based on the phase antenna element. , 2020, , .		9
93	The development of the model and arithmetic for the fully distributed fiber optic sensor based on Raman optical-fiber frequency-domain reflectometry (ROFDR). Sensors and Actuators A: Physical, 2002, 101, 132-136.	4.1	8
94	An improved model for the fully distributed temperature single-mode fibre optic sensor based on Raman optical frequency-domain reflectometry. Journal of Optics, 2004, 6, 932-936.	1.5	8
95	A method of accurate co-simulation by considering lumped port setting in EM simulator. , 2015, , .		8
96	Dual-band wideband bandstop filter using stepped impedance coupled lines. Microwave and Optical Technology Letters, 2015, 57, 2304-2306.	1.4	8
97	Dual CP Polarization Diversity and Space Diversity Antennas Enabled by a Compact T-Shaped Feed Structure. IEEE Access, 2019, 7, 96284-96296.	4.2	8
98	Study on the Rotated SSPPs Structure and Its Applications in Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 4475-4487.	5.1	8
99	A tri-band bandstop filter with sharp rejection and controllable bandstop frequencies. , 2015, , .		7
100	An UHF Tree-Like Biconical Antenna With Both Conical and Horizontal Omnidirectional Radiations. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 187-189.	4.0	7
101	Compact Wideband Bandstop Filter With Directly Controlled Rejection. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2282-2286.	3.0	7
102	Multi-mode phase slots antenna with dual ports. , 2020, , .		7
103	A Magnetic Yagi-Uda Antenna With Vertically Polarized Endfire Radiation in Millimeter-Wave Band Applying Higher Order Mode. IEEE Transactions on Antennas and Propagation, 2022, 70, 8941-8950.	5.1	7
104	Dual band RFID transponder antenna designed for a specific chip without additional impedance matching network. Microwave and Optical Technology Letters, 2008, 50, 58-60.	1.4	6
105	Propagation model for mobile digital TV coverage under viaduct. Radio Science, 2010, 45, n/a-n/a.	1.6	6
106	Propagation of SLF/ELF Electromagnetic Waves Excited by an Underground HED in the Lower Ionosphere. IEEE Transactions on Antennas and Propagation, 2012, 60, 5412-5418.	5.1	6
107	Beamforming method with periodical amplitude modulation array. , 2013, , .		6
108	AN IMPROVEMENT TO DIRECTIONAL EQUIANGULAR SPIRAL ANTENNA WITH WIDE CP BAND, HIGH GAIN AND LOW PROFILE. Progress in Electromagnetics Research C, 2014, 48, 53-60.	0.9	6

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109	A compact omnidirectional CP coaxial slots antenna. , 2015, , .		6
110	A Novel CP Horn Antenna with Switchable Polarization by Single Port Feeding. International Journal of Antennas and Propagation, 2015, 2015, 1-9.	1.2	6
111	High-sensitivity OAM phase gradient detection based on time-modulated harmonic characteristic analysis. Electronics Letters, 2017, 53, 812-814.	1.0	6
112	Realizing orbital angular momentum (OAM) beam with small divergence angle by luneberg lens. , 2017, , .		6
113	Omnidirectional Circularly Polarized Antenna with High Gain in Wide Bandwidth. , 0, , .		6
114	Instantaneous Gain Optimization in Time Modulated Array Using Reconfigurable Power Divide/Combiner. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 530-533.	4.0	6
115	Photoluminescence Revealed Higher Order Plasmonic Resonance Modes and Their Unexpected Frequency Blue Shifts in Silver-Coated Silica Nanoparticle Antennas. Applied Sciences (Switzerland), 2019, 9, 3000.	2.5	6
116	A COMPACT ENDFIRE RADIATION ANTENNA BASED ON SPOOF SURFACE PLASMON POLARITONS IN WIDE BANDWIDTH. Progress in Electromagnetics Research M, 2019, 79, 147-157.	0.9	6
117	A Frequency Notched Inverted-trapezoid UWB Antenna. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2007, 3, 980-983.	0.4	6
118	A high-gain dual-band directional/omnidirectional reconfigurable antenna for WLAN systems. International Journal of RF and Microwave Computer-Aided Engineering, 2008, 18, 225-232.	1.2	5
119	RFID tag antenna for use on metal. , 2010, , .		5
120	Improved Mid-Field calibration technology for linear array. , 2011, , .		5
121	Design of a passive multifaceted phased array for hemispherical coverage. , 2012, , .		5
122	Even- and Odd-Mode Analysis of Thick and Wide Transverse Slot in Waveguides Based on a Variational Method. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3349-3358.	4.6	5
123	Study of active coated nano-toroid antennas. , 2013, , .		5
124	A compact and high-selectivity tri-band bandpass filter based on symmetrical stub-loaded square ring resonator. Microwave and Optical Technology Letters, 2020, 62, 630-636.	1.4	5
125	Subwavelength plasmonic nanoantenna as a Plasmonic Induced Polarization Rotator (PI-PR). Scientific Reports, 2020, 10, 2809.	3.3	5
126	Realization of Multimode OAM Beams with Almost the Same Divergence Angles. International Journal of Antennas and Propagation, 2021, 2021, 1-10.	1.2	5



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127	DESIGN AND TESTING OF HIGH-PERFORMANCE ANTENNA ARRAY WITH A NOVEL FEED NETWORK. Progress in Electromagnetics Research M, 2008, 5, 153-160.	0.9	4
128	Study on the dual polarizations of the active cylindrical coated nano-particle antennas. , 2012, , .		4
129	An improved mixed-integer multi-objective particle swarm optimization and its application in antenna array design. , 2013, , .		4
130	STUDY ON THE PLANAR CIRCULARLY POLARIZED ANTENNAS WITH SWASTIKA SLOT. Progress in Electromagnetics Research C, 2013, 39, 11-24.	0.9	4
131	A Broadband Single-Feed Circularly Polarized Patch Antenna with Wide Beamwidth. International Journal of Antennas and Propagation, 2015, 2015, 1-10.	1.2	4
132	Multiple Antenna Selection Schemes with a RF Reconfigurable Power Combiner. Wireless Personal Communications, 2015, 85, 1071-1080.	2.7	4
133	A surface plasmon polariton inspired patch antenna. , 2017, , .		4
134	A half-space covered antenna for air-ground communication. , 2017, , .		4
135	A Design Approach for Compact Wideband Transformer With Frequency-Dependent Complex Loads and Its Application to Wilkinson Power Divider. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1611-1624.	4.6	4
136	Low profile Vertically Polarized Endfire Antenna Based on Spoof Surface Plasmon Polaritons. , 2020, , .		4
137	A Novel Low-Profile Phased Antenna With Dual-Port and Its Application in 1-D Linear Array to 2-D Scanning. IEEE Transactions on Antennas and Propagation, 2022, 70, 6718-6731.	5.1	4
138	The study on electromagnetic compatibility of DC electric motor in HAPS. Aerospace Science and Technology, 2005, 9, 617-625.	4.8	3
139	Time-Frequency Distribution Based on Bi-directional Gaussian kernel and its application in instantaneous frequency estimation. , 2006, , .		3
140	Multiband antenna system with polarization conversion for WLAN applications. Microwave and Optical Technology Letters, 2007, 49, 1772-1777.	1.4	3
141	Multiband dual patch antennas with polarization compensation for WLAN applications. Microwave and Optical Technology Letters, 2007, 49, 1907-1911.	1.4	3
142	Finite Mixture Noise Models for Mobile Digital Television Channel on Urban Terrestrial Broadcasting. IEEE Transactions on Broadcasting, 2007, 53, 738-745.	3.2	3
143	Planar broadband millimeter-wave antenna based on open loop ring resonators. Microwave and Optical Technology Letters, 2008, 50, 324-328.	1.4	3
144	Design of a Quadrifilar helical antenna with high phase center stability. , 2012, , .		3

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145	Fast Convergence Algorithm for Earthquake Prediction Using SLF/ELF Horizontal Electric Dipole during Day and Night and Schumann Resonance. <i>Wireless Personal Communications</i> , 2012, 67, 149-163.	2.7	3
146	A broadband printed slot antenna with wide E-plane beamwidth. , 2014, , .		3
147	Fast Convergence Algorithm for Earthquake Prediction Using Electromagnetic Fields Excited by SLF/ELF Horizontal Magnetic Dipole and Schumann Resonance. <i>Wireless Personal Communications</i> , 2014, 77, 1039-1053.	2.7	3
148	A low profile CP antenna based on novel hexagon grids optimization model. , 2015, , .		3
149	An ultra-wideband cross-dipole antenna with wide beam for dual-polarization applications. , 2015, , .		3
150	Improvement on the multi-mode beams divergence of oam array by using fabry-perot cavity. , 2017, , .		3
151	A circular truncated cone slot antenna with circular polarized conical beam. , 2017, , .		3
152	Gap-Dependent Localized High Energy Multiple Dipolar Modes in Passive Silver-Coated Silica Nanoparticle Antennas. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1183.	2.5	3
153	Topological Design of Planar Circularly Polarized Directional Antenna with Low Profile Using Particle Swarm Optimization. <i>International Journal of Antennas and Propagation</i> , 2017, 2017, 1-12.	1.2	3
154	A wideband and wide-angle scanning circularly polarized array with low profile. , 2017, , .		3
155	Spoof Surface Plasmon Polaritons Pattern Reconfigurable Antenna for Wide-Angle Coverage. , 2018, , .		3
156	Polarization-insensitive metasurfaces for generating converging vortex beams carrying orbital angular momentum. , 2018, , .		3
157	Grating ridged waveguide V-shaped slot array antenna for SATCOM applications. <i>Electronics Letters</i> , 2019, 55, 170-172.	1.0	3
158	A High-Gain Broadband Omnidirectional Antenna Applying Spoof Surface Plasmon Polaritons with High Bearing Strength. , 2019, , .		3
159	A Wideband Circularly Polarized Leaky-wave Antenna. , 2022, , .		3
160	Pattern synthesis of linear arrays using a hybrid optimization algorithm. , 0, , .		2
161	Modified circular monopole antenna with improved transmission performance for UWB communications. <i>Microwave and Optical Technology Letters</i> , 2008, 50, 1285-1289.	1.4	2
162	Ultra-wideband quasi-circular monopole antennas with rectangular and trapezoidal grounds. <i>IET Microwaves, Antennas and Propagation</i> , 2009, 3, 55.	1.4	2

#	ARTICLE	IF	CITATIONS
163	Novel Multilayer Dipoles for Wireless Inter-/Intraconnects. IEEE Transactions on Electron Devices, 2010, 57, 305-311.	3.0	2
164	The optimal design of patch antennas with smooth border. , 2010, , .		2
165	A novel dual-band circularly-polarized wide-beam quadrifilar helix antenna. , 2012, , .		2
166	Wide bandwidth dual-frequency dual-polarized microstrip array antenna for Ku-band applications. , 2012, , .		2
167	Design of Arbitrarily Shaped Planar Microstrip Antenna Arrays with Improved Efficiency. International Journal of Antennas and Propagation, 2013, 2013, 1-10.	1.2	2
168	A novel SIW horn antenna with high gain and high efficiency. , 2014, , .		2
169	A UHF Broadband Spider-Shaped Monopole Antenna. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 782-785.	4.0	2
170	A compact ultra-wideband power divider with high isolation. , 2014, , .		2
171	Wideband direction-finding based on time-modulated antenna array. , 2015, , .		2
172	Broadband Dual Circularly Polarized Magnetolectric Dipole Antenna Fed by a Miniaturized Six-Branch Hybrid Coupler. International Journal of Antennas and Propagation, 2016, 2016, 1-10.	1.2	2
173	The study on the antenna with metasurface. , 2016, , .		2
174	A t-shaped feed structure to enhance the performance of a polarization diversity antenna. , 2017, , .		2
175	Wideband Circularly Polarized UHF Crossed Monopole Antenna With Unequal Power Feed for Handheld Terminals. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2915-2918.	4.0	2
176	Wideband wide-slot antenna array with protrusion for wide-angle scanning. , 2017, , .		2
177	Anomalous refraction in an all-dielectric gradient metasurface. , 2017, , .		2
178	1-Bit Reconfigurable Unit Cell for Programable Transmit-Array Lens in C-Band. , 2018, , .		2
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