

Junping Geng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

216 papers	2,013 citations	27 h-index	35 g-index
301 ext. papers	2,732 ext. citations	2.7 avg, IF	5 L-index

#	Paper	IF	Citations
216	Multipole Antenna Based on Spoof Surface Plasmon Polaritons Structure 2022 , 33-45		
215	Phased-Mode Spoof Surface Plasmon Polaritons Antenna 2022 , 159-172		
214	Study on the Rotated Spoof Surface Plasmon Polaritons Structure 2022 , 87-120		
213	Low Frequency Omnidirectional Antenna Based on Spoof Surface Plasmon Polaritons 2022 , 63-86		
212	Pattern Reconfigurable Antenna Based on Spoof Surface Plasmon Polaritons 2022 , 139-158		
211	Basic Principles of Spoof Surface Plasmon Polaritons 2022 , 13-31		1
210	Irregular Shaped Spoof Surface Plasmon Polaritons Antenna 2022 , 121-138		
209	Improved Hexagon Unit to Antenna Optimization by Binary Coding Method 2022 , 125-132		
208	Design Wideband Directional Antenna with Low Profile by Binary Coding Optimization Method 2022 , 61-84		
207	Design UWB Antenna by Binary Coding Optimization Method 2022 , 101-124		
206	Binary Coding and Optimization Method 2022 , 11-32		
205	Design mm Wave Antenna by Binary Coding Optimization Method 2022 , 85-100		
204	Antenna Design Based on Optimization of Linear Motion Trajectory 2022 , 133-141		
203	Multi Frequency Antenna Design Based on Binary Coding 2022 , 33-49		
202	Design Low Profile RFID Tag Antenna on Metal with Binary Coding Optimization Method 2022 , 51-60		
201	A Novel Low-Profile Phased Antenna with Dual-Port and Its Application in 1-D Linear Array to 2-D Scanning. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
200	A Magnetic Yagi-Uda Antenna With Vertically Polarized Endfire Radiation in Millimeter-Wave Band Applying Higher-Order Mode. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1

199	Design and Analysis of Tri-Band Conformal Monopolar Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
198	m-Shaped SSPPs Structure to Low Profile Vertically Polarized Antenna with High Gain to be Conformal with Vehicle Shell. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	
197	A Circular Truncated Cone Slot Antenna with Circular Polarized Conical Beam 2021 , 113-124		
196	The Omnidirectional/Directional Switchable Antenna Based on the Curved Microstrip Antenna with Defected Ground Structure 2021 , 147-170		
195	A Compact Reconfigurable Coaxial Slot Antenna 2021 , 135-145		
194	Dual CP Polarization Diversity and Space Diversity Antennas Enabled by a Compact T-Shaped Feed Structure 2021 , 79-111		
193	Half-Space Covered Antenna for Air-Ground Communication 2021 , 125-133		
192	Principles of Omnidirectional CP Slot Array Antenna 2021 , 35-65		
191	Principles of Omnidirectional Dual-CP Slot Array Antenna 2021 , 67-77		
190	A Design Approach for Compact Wideband Transformer With Frequency-Dependent Complex Loads and Its Application to Wilkinson Power Divider. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 1611-1624	4.1	2
189	An approach to achieve directional low-profile antenna of quintuple stable pattern band by utilising dipole with compound concave corrugated reflector. <i>IET Microwaves, Antennas and Propagation</i> , 2021 , 15, 629-643	1.6	1
188	Dual-Port Phase Antenna and Its Application in 1-D Arrays to 2-D Scanning. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	5
187	Core-Shell Nano-Antenna Configurations for Array Formation with More Stability Having Conventional and Non-Conventional Directivity and Propagation Behavior. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
186	Compact Wideband Bandstop Filter With Directly Controlled Rejection. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	2
185	Realization of Multimode OAM Beams with Almost the Same Divergence Angles. <i>International Journal of Antennas and Propagation</i> , 2021 , 2021, 1-10	1.2	0
184	Study on the Rotated SSPPs Structure and Its Applications in Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 4475-4487	4.9	1
183	A K-Band Broadband Circularly Polarized Slot Antenna Based on L-Shaped Waveguide Cavity. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1606-1610	3.8	3
182	The Ultra-Compact ELF Magneto-Mechanical Transmission Antenna With the Speed Modulated EM Signal Based on Three-Phase Induction Motor. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5286-5296	4.9	6

181	Interface-Induced Near-Infrared Response of Gold-Silica Hybrid Nanoparticles Antennas. <i>Nanomaterials</i> , 2020 , 10,	5.4	1
180	Subwavelength plasmonic nanoantenna as a Plasmonic Induced Polarization Rotator (PI-PR). <i>Scientific Reports</i> , 2020 , 10, 2809	4.9	3
179	Wideband Dual-Polarized Binary Coding Antenna With Wide Beamwidth and Its Array for Millimeter-Wave Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 636-640	3.8	15
178	Direction Finding Based on Time-Modulated Array With Multiharmonic Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 5753-5758	4.9	4
177	Optical Transparent Antenna Array Integrated With Solar Cell. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 457-461	3.8	19
176	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 383-387	3.8	9
175	Circularly-Polarized Shaped Pattern Planar Antenna for Aerial Platforms. <i>IEEE Access</i> , 2020 , 8, 7466-7472,	3.5	3
174	Multi-mode phase slots antenna with dual ports 2020 ,		4
173	Low profile Vertically Polarized Endfire Antenna Based on Spoof Surface Plasmon Polaritons 2020 ,		2
172	Generalized principle of pattern multiplication based on the phase antenna element 2020 ,		5
171	Corrections to Multiuser Communication by Electromagnetic Vortex Based on Time-Modulated Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1047-1047	3.8	
170	A compact and high-selectivity tri-band bandpass filter based on symmetrical stub-loaded square ring resonator. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 630-636	1.2	3
169	Multiuser Communication by Electromagnetic Vortex Based on Time-Modulated Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 282-286	3.8	11
168	. <i>IEEE Access</i> , 2019 , 7, 15444-15451	3.5	34
167	Analysis and Experiments on Reflection and Refraction of Orbital Angular Momentum Waves. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2085-2094	4.9	18
166	Truly All-Dielectric Ultrabroadband Metamaterial Absorber: Water-Based and Ground-Free. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 536-540	3.8	38
165	Experiments of Orbital Angular Momentum Phase Properties for Long-Distance Transmission. <i>IEEE Access</i> , 2019 , 7, 62689-62694	3.5	16
164	A COMPACT ENDFIRE RADIATION ANTENNA BASED ON SPOOF SURFACE PLASMON POLARITONS IN WIDE BANDWIDTH. <i>Progress in Electromagnetics Research M</i> , 2019 , 79, 147-157	0.6	6

163	Rectangular Grating Waveguide Slot Array Antenna for SATCOM Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3869-3880	4.9	13
162	Wideband Circularly Polarized Antenna With Dual-Mode Operation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 767-770	3.8	12
161	A NOVEL SINGLE PIN DIODE RECONFIGURABLE IMPEDANCE MATCHING NETWORK WITH A SIMPLIFIED SOLUTION METHOD. <i>Progress in Electromagnetics Research M</i> , 2019 , 78, 135-143	0.6	
160	Grating ridged waveguide V-shaped slot array antenna for SATCOM applications. <i>Electronics Letters</i> , 2019 , 55, 170-172	1.1	0
159	Direction Finding of Linear Frequency Modulation Signal With Time-Modulated Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2841-2846	4.9	14
158	A Generalized Approach for Multifrequency Transmission Line Transformer With Frequency-Dependent Complex Source and Load. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 3603-3616	4.1	7
157	Varactor Loaded Pattern Reconfigurable Patch Antenna With Shorting Pins. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6267-6277	4.9	18
156	Dual CP Polarization Diversity and Space Diversity Antennas Enabled by a Compact T-Shaped Feed Structure. <i>IEEE Access</i> , 2019 , 7, 96284-96296	3.5	5
155	Photoluminescence Revealed Higher Order Plasmonic Resonance Modes and Their Unexpected Frequency Blue Shifts in Silver-Coated Silica Nanoparticle Antennas. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3000	2.6	2
154	A High-Gain Broadband Omnidirectional Antenna Applying Spoof Surface Plasmon Polaritons with High Bearing Strength 2019 ,		2
153	Multi-user Communication by Electromagnetic Vortex Based on Time Modulated Array 2019 ,		1
152	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 255-259	3.8	7
151	Design of a Broadband Metasurface Luneburg Lens for Full-Angle Operation. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2442-2451	4.9	30
150	A Novel Radar Based on Two-Element Time-Modulated Array. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 524-528	4.1	0
149	Instantaneous Gain Optimization in Time Modulated Array Using Reconfigurable Power Divide/Combiner. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 530-533	3.8	4
148	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 283-286	3.8	8
147	Ruggedized Planar Monopole Antenna With a Null-Filled Shaped Beam. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 933-936	3.8	7
146	A Dual-Wideband Dual-Polarized Aperture-Shared Patch Antenna With High Isolation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 735-738	3.8	25

145	High-Accuracy DOA Estimation Based on Time-Modulated Array With Long and Short Baselines. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1391-1395	3.8	10
144	Water metamaterial for ultra-broadband and wide-angle absorption. <i>Optics Express</i> , 2018 , 26, 5052-5059	3.3	63
143	Theory Analysis and Realization of Single-/Dual-Port Excitation in Beam-Forming Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4912-4917	4.9	4
142	Spoof Surface Plasmon Polaritons Pattern Reconfigurable Antenna for Wide-Angle Coverage 2018 ,		2
141	Novel Beam Scanning Antenna System Fed by Reconfigurable Beamforming Network 2018 ,		1
140	Polarization-insensitive metasurfaces for generating converging vortex beams carrying orbital angular momentum 2018 ,		2
139	Direction Finding by Time-Modulated Linear Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3642-3652	4.9	30
138	Metal-Loaded Seawater Antenna With High Radiation Efficiency and Wideband Characteristics. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1671-1674	3.8	10
137	Experimental Array for Generating Dual Circularly-Polarized Dual-Mode OAM Radio Beams. <i>Scientific Reports</i> , 2017 , 7, 40099	4.9	33
136	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1127-1130	3.8	10
135	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 4122-4137	4.1	21
134	A t-shaped feed structure to enhance the performance of a polarization diversity antenna 2017 ,		2
133	2017 ,		2
132	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
131	Omnidirectional Circularly Polarized Antenna with High Gain in Wide Bandwidth 2017 ,		3
130	A wideband and wide-angle scanning circularly polarized array with low profile 2017 ,		3
129	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2915-2918	3.8	1
128	Multifrequency Transformer With Arbitrary Frequency and Real Impedance Transform Ratio. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 785-787	2.6	9

127	De-Embedding Based on EM Simulation and Measurement: A Hybrid Method. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 5019-5034	4.1	6
126	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2574-2577	3.8	12
125	High-sensitivity OAM phase gradient detection based on time-modulated harmonic characteristic analysis. <i>Electronics Letters</i> , 2017 , 53, 812-814	1.1	5
124	Efficiency Improvement of Time Modulated Array With Reconfigurable Power Divider/Combiner. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4027-4037	4.9	19
123	Multiband coherent perfect absorption in a water-based metasurface. <i>Optics Express</i> , 2017 , 25, 15737-15745	3.5	41
122	A single-fed circularly polarized using water substrate patch antenna with small size low-profile and broadband 2017 ,		1
121	Realizing orbital angular momentum (OAM) beam with small divergence angle by luneberg lens 2017 ,		4
120	Wideband wide-slot antenna array with protrusion for wide-angle scanning 2017 ,		1
119	A circular truncated cone slot antenna with circular polarized conical beam 2017 ,		3
118	2017 ,		1
117	2017 ,		3
116	Synthesizing orbital angular momentum beam with small divergence angle 2017 ,		1
115	Wideband visible-light absorption in an ultrathin silicon nanostructure. <i>Optics Express</i> , 2017 , 25, 5781-5786	3.6	39
114	Gap-Dependent Localized High Energy Multiple Dipolar Modes in Passive Silver-Coated Silica Nanoparticle Antennas. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 1183	2.6	2
113	A Multifixture Full-Wave De-Embedding Method for Characterizing One-Port Devices. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 3894-3910	4.1	6
112	A Cylindrically Conformal Array With Enhanced Axial Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 1653-1656	3.8	13
111	Broadband Dual Circularly Polarized Magnetoelectric Dipole Antenna Fed by a Miniaturized Six-Branch Hybrid Coupler. <i>International Journal of Antennas and Propagation</i> , 2016 , 2016, 1-10	1.2	2
110	A novel dual-band bandstop filter based on parallel stub-loaded resonator. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 1268-1271	1.2	1

109	MoS ₂ Broadband Coherent Perfect Absorber for Terahertz Waves. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-7	1.8	22
108	Rotman Lens-Based Circular Array for Generating Five-mode OAM Radio Beams. <i>Scientific Reports</i> , 2016 , 6, 27815	4.9	30
107	Switched Multibeam Circular Array With a Reconfigurable Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3228-3233	4.9	16
106	A Novel Analytical Method for Multi-Frequency Transmission Line Transformer. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 556-558	2.6	9
105	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 986-998	4.1	29
104	Dual-Circularly Polarized Conical-Beam Microstrip Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 482-485	3.8	36
103	Reconfigurable Unequal Power Divider With a High Dividing Ratio. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 514-516	2.6	16
102	Multiple Antenna Selection Schemes with a RF Reconfigurable Power Combiner. <i>Wireless Personal Communications</i> , 2015 , 85, 1071-1080	1.9	3
101	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 666-669	3.8	30
100	Direction Finding by Time-Modulated Array With Harmonic Characteristic Analysis. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 642-645	3.8	51
99	An UHF Tree-Like Biconical Antenna With Both Conical and Horizontal Omnidirectional Radiations. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 187-189	3.8	1
98	A compact omnidirectional CP coaxial slots antenna 2015 ,		5
97	A method of accurate co-simulation by considering lumped port setting in EM simulator 2015 ,		5
96	Dual-wideband bandstop filter using stepped impedance coupled-lines. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2304-2306	1.2	4
95	A Novel CP Horn Antenna with Switchable Polarization by Single Port Feeding. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-9	1.2	5
94	Designs and Performance Characteristics of Coated Nanotoroid Antennas. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-11	1.2	
93	Dual Circularly Polarized Omnidirectional Antenna with Slot Array on Coaxial Cylinder. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-7	1.2	6
92	A Broadband Single-Feed Circularly Polarized Patch Antenna with Wide Beamwidth. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-10	1.2	3

91	Generation of OAM Radio Waves with Three Polarizations Using Circular Horn Antenna Array. <i>International Journal of Antennas and Propagation</i> , 2015 , 2015, 1-11	1.2	19
90	Space-Division Multiple Access Based on Time-Modulated Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 610-613	3.8	32
89	A tri-band bandstop filter with sharp rejection and controllable bandstop frequencies 2015 ,		5
88	A low profile CP antenna based on novel hexagon grids optimization model 2015 ,		2
87	Sideband Radiation Level Suppression in Time-Modulated Array by Nonuniform Period Modulation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 606-609	3.8	41
86	Perforated dielectric antenna reflectarray for OAM generation 2015 ,		7
85	Design of a horn lens antenna for OAM generation 2015 ,		6
84	An ultra-wideband cross-dipole antenna with wide beam for dual-polarization applications 2015 ,		2
83	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 1359-1364	4.9	30
82	A UHF Broadband Spider-Shaped Monopole Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 782-785	3.8	2
81	2014 ,		7
80	A compact ultra-wideband power divider with high isolation 2014 ,		1
79	Parallel Calibration Method for Phased Array With Harmonic Characteristic Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5029-5036	4.9	24
78	Compact Design of Triple-Band Circularly Polarized Quadrifilar Helix Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 380-383	3.8	26
77	AN IMPROVEMENT TO DIRECTIONAL EQUIANGULAR SPIRAL ANTENNA WITH WIDE CP BAND, HIGH GAIN AND LOW PROFILE. <i>Progress in Electromagnetics Research C</i> , 2014 , 48, 53-60	0.9	4
76	Study on low profile cp antenna by combining discrete grid model and parameter optimization 2014 ,		1
75	A novel SIW horn antenna with high gain and high efficiency 2014 ,		1
74	A Broadband Dual Circularly Polarized Patch Antenna With Wide Beamwidth. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1457-1460	3.8	52

73	A broadband printed slot antenna with wide E-plane beamwidth 2014 ,		1
72	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	1.9	1
71	An improved mixed-integer multi-objective particle swarm optimization and its application in antenna array design 2013 ,		2
70	A rotated elliptical slot antenna with ultra-wide bandwidth. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 308-310	1.2	
69	A General Method for Modeling Packaged Diode Spanning Multiple Cells in FDTD. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 392-395	3.8	
68	Beamforming method with periodical amplitude modulation array 2013 ,		4
67	Active cylindrical coated nano-particle antennas: polarization-dependent scattering properties. <i>Journal of Electromagnetic Waves and Applications</i> , 2013 , 27, 1392-1406	1.3	6
66	STUDY ON THE PLANAR CIRCULARLY POLARIZED ANTENNAS WITH SWASTIKA SLOT. <i>Progress in Electromagnetics Research C</i> , 2013 , 39, 11-24	0.9	2
65	Design of Arbitrarily Shaped Planar Microstrip Antenna Arrays with Improved Efficiency. <i>International Journal of Antennas and Propagation</i> , 2013 , 2013, 1-10	1.2	1
64	LOW-INSERTION LOSS PIN DIODE SWITCHES USING IMPEDANCE-TRANSFORMATION NETWORKS. <i>Progress in Electromagnetics Research C</i> , 2013 , 34, 195-202	0.9	5
63	Design of a Quadrifilar helical antenna with high phase center stability 2012 ,		2
62	A novel dual-band circularly-polarized wide-beam quadrifilar helix antenna 2012 ,		2
61	Wide bandwidth dual-frequency dual-polarized microstrip array antenna for Ku-band applications 2012 ,		2
60	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	1.9	1
59	A Modified Lumped-Network Finite-Difference Time-Domain Method. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 326-329	3.8	1
58	Even- and Odd-Mode Analysis of Thick and Wide Transverse Slot in Waveguides Based on a Variational Method. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 3349-3358	4.1	2
57	Propagation of SLF/ELF Electromagnetic Waves Excited by an Underground HED in the Lower Ionosphere. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 5412-5418	4.9	4
56	2012 ,		1

55	High-Gain Planar Antenna Arrays for Mobile Satellite Communications [Antenna Applications Corner]. <i>IEEE Antennas and Propagation Magazine</i> , 2012 , 54, 256-268	1.7	22
54	Detailed performance characteristics of vertically polarized, cylindrical, active coated nano-particle antennas. <i>Radio Science</i> , 2012 , 47, n/a-n/a	1.4	7
53	A 60-GHz wideband dielectric resonator antenna with inclined radiation 2012 ,		1
52	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2011 , 59, 1058-1065	4.1	22
51	Numerical Study of the Near-Field and Far-Field Properties of Active Open Cylindrical Coated Nanoparticle Antennas. <i>IEEE Photonics Journal</i> , 2011 , 3, 1093-1110	1.8	20
50	Exact SLF/ELF Underground HED Field Strengths in Earth-Ionosphere Cavity and Schumann Resonance. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 3031-3039	4.9	6
49	Improved Mid-Field calibration technology for linear array 2011 ,		1
48	Studies of nanometer antennas incorporating gain material using CST 2011 ,		2
47	2010 ,		1
46	A Single-Layer Ultrawideband Microstrip Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 211-214	4.9	28
45	On the Performance of Printed Dipole Antenna With Novel Composite Corrugated-Reflectors for Low-Profile Ultrawideband Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 3839-3846	4.9	29
44	Propagation model for mobile digital TV coverage under viaduct. <i>Radio Science</i> , 2010 , 45, n/a-n/a	1.4	4
43	Compact DVB-T printed monopole antenna 2010 ,		1
42	RFID tag antenna for use on metal 2010 ,		1
41	Novel Multilayer Dipoles for Wireless Inter-/Intraconnects. <i>IEEE Transactions on Electron Devices</i> , 2010 , 57, 305-311	2.9	2
40	An Improved Comprehensive Learning Particle Swarm Optimization and Its Application to the Semiautomatic Design of Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 3018-3028	4.9	58
39	Ultra-wideband quasi-circular monopole antennas with rectangular and trapezoidal grounds. <i>IET Microwaves, Antennas and Propagation</i> , 2009 , 3, 55	1.6	2
38	THE DEVELOPMENT OF CURVED MICROSTRIP ANTENNA WITH DEFECTED GROUND STRUCTURE. <i>Progress in Electromagnetics Research</i> , 2009 , 98, 53-73	3.8	28

37	E-Shape Patch With Wideband and Circular Polarization for Millimeter-Wave Communication. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 893-895	4.9	29
36	Auto-design of band-notched UWB antennas using mixed model of 2D GA and FDTD. <i>Electronics Letters</i> , 2008 , 44, 257	1.1	14
35	DESIGN AND TESTING OF HIGH-PERFORMANCE ANTENNA ARRAY WITH A NOVEL FEED NETWORK. <i>Progress in Electromagnetics Research M</i> , 2008 , 5, 153-160	0.6	2
34	PULSE PRESERVING CAPABILITIES OF PRINTED CIRCULAR DISK MONOPOLE ANTENNAS WITH DIFFERENT SUBSTRATES. <i>Progress in Electromagnetics Research</i> , 2008 , 78, 349-360	3.8	12
33	A high-gain dual-band directional/omnidirectional reconfigurable antenna for WLAN systems. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2008 , 18, 225-232	1.5	5
32	Dual band RFID transponder antenna designed for a specific chip without additional impedance matching network. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 58-60	1.2	5
31	Planar broadband millimeter-wave antenna based on open loop ring resonators. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 324-328	1.2	3
30	An ultra-wideband microstrip elliptical slot antenna excited by a circular patch. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 845-846	1.2	22
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28	Printed Omni-Directional UWB Monopole Antenna With Very Compact Size. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 896-899	4.9	93
27	Pulse Preserving Capabilities of Printed Circular Disk Monopole Antennas With Different Grounds for the Specified Input Signal Forms. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2866-2873	4.9	31
26	Design of a CPW-fed ultrawideband fractal antenna. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 173-176	1.2	45
25	Compact CPW-fed stacked-circle monopole antenna with very wide bandwidth. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1192-1194	1.2	7
24	2 D Array with UC-EBG ground for low RCS and high gain. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1418-1422	1.2	11
23	Design of ultra-wide band (UWB) bandpass filter based on defected ground structure. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1374-1377	1.2	6
22	Multiband antenna system with polarization conversion for WLAN applications. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1772-1777	1.2	3
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13	Ultra-wideband bandpass filter with hybrid quasi-lumped elements and defected ground structure. <i>IET Microwaves, Antennas and Propagation</i> , 2007 , 1, 733	1.6	28
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