Junping Geng

List of Publications by Citations

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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	Printed Omni-Directional UWB Monopole Antenna With Very Compact Size. *IEEE Transactions on Antennas and Propagation*, **2008**, 56, 896-899	4.9	93
215	Water metamaterial for ultra-broadband and wide-angle absorption. *Optics Express*, **2018**, 26, 5052-5059	3.3	63
214	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	4.9	58
213	A Broadband Dual Circularly Polarized Patch Antenna With Wide Beamwidth. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 1457-1460	3.8	52
212	Direction Finding by Time-Modulated Array With Harmonic Characteristic Analysis. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 642-645	3.8	51
211	Design of a CPW-fed ultrawideband fractal antenna. *Microwave and Optical Technology Letters*, **2007**, 49, 173-176	1.2	45
210	Multiband coherent perfect absorption in a water-based metasurface. *Optics Express*, **2017**, 25, 15737-15745	3.4	41
209	Sideband Radiation Level Suppression in Time-Modulated Array by Nonuniform Period Modulation. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 606-609	3.8	41
208	Wideband visible-light absorption in an ultrathin silicon nanostructure. *Optics Express*, **2017**, 25, 5781-5786	3.4	39
207	Truly All-Dielectric Ultrabroadband Metamaterial Absorber: Water-Based and Ground-Free. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 536-540	3.8	38
206	Dual-Circularly Polarized Conical-Beam Microstrip Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 482-485	3.8	36
205	. *IEEE Access*, **2019**, 7, 15444-15451	3.5	34
204	Experimental Array for Generating Dual Circularly-Polarized Dual-Mode OAM Radio Beams. *Scientific Reports*, **2017**, 7, 40099	4.9	33
203	Space-Division Multiple Access Based on Time-Modulated Array. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 610-613	3.8	32
202	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	4.9	31
201	. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 666-669	3.8	30
200	. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 1359-1364	4.9	30

199	Rotman Lens-Based Circular Array for Generating Five-mode OAM Radio Beams. *Scientific Reports*, **2016**, 6, 27815	4.9	30
198	Design of a Broadband Metasurface Luneburg Lens for Full-Angle Operation. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 2442-2451	4.9	30
197	Direction Finding by Time-Modulated Linear Array. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 3642-3652	4.9	30
196	. *IEEE Transactions on Microwave Theory and Techniques*, **2015**, 63, 986-998	4.1	29
195	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	4.9	29
194	E-Shape Patch With Wideband and Circular Polarization for Millimeter-Wave Communication. *IEEE Transactions on Antennas and Propagation*, **2008**, 56, 893-895	4.9	29
193	A Single-Layer Ultrawideband Microstrip Antenna. *IEEE Transactions on Antennas and Propagation*, **2010**, 58, 211-214	4.9	28
192	THE DEVELOPMENT OF CURVED MICROSTRIP ANTENNA WITH DEFECTED GROUND STRUCTURE. *Progress in Electromagnetics Research*, **2009**, 98, 53-73	3.8	28
191	Ultra-wideband bandpass filter with hybrid quasi-lumped elements and defected ground structure. *IET Microwaves, Antennas and Propagation*, **2007**, 1, 733	1.6	28
190	Compact CPW-fed quasi-circular monopole with very wide bandwidth. *Electronics Letters*, **2007**, 43, 69	1.1	27
189	Compact Design of Triple-Band Circularly Polarized Quadrifilar Helix Antennas. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 380-383	3.8	26
188	A Dual-Wideband Dual-Polarized Aperture-Shared Patch Antenna With High Isolation. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 735-738	3.8	25
187	Parallel Calibration Method for Phased Array With Harmonic Characteristic Analysis. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 5029-5036	4.9	24
186	High-Gain Planar Antenna Arrays for Mobile Satellite Communications [Antenna Applications Corner]. *IEEE Antennas and Propagation Magazine*, **2012**, 54, 256-268	1.7	22
185	. *IEEE Transactions on Microwave Theory and Techniques*, **2011**, 59, 1058-1065	4.1	22
184	An ultra-wideband microstrip elliptical slot antenna excited by a circular patch. *Microwave and Optical Technology Letters*, **2008**, 50, 845-846	1.2	22
183	MoS$_2$ Broadband Coherent Perfect Absorber for Terahertz Waves. *IEEE Photonics Journal*, **2016**, 8, 1-7	1.8	22
182	. *IEEE Transactions on Microwave Theory and Techniques*, **2017**, 65, 4122-4137	4.1	21

181	Planar microstrip UWB bandpass filter using U-shaped slot coupling structure. *Electronics Letters*, **2006**, 42, 1461	1.1	21
180	Numerical Study of the Near-Field and Far-Field Properties of Active Open Cylindrical Coated Nanoparticle Antennas. *IEEE Photonics Journal*, **2011**, 3, 1093-1110	1.8	20
179	Optical Transparent Antenna Array Integrated With Solar Cell. *IEEE Antennas and Wireless Propagation Letters*, **2020**, 19, 457-461	3.8	19
178	Efficiency Improvement of Time Modulated Array With Reconfigurable Power Divider/Combiner. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 4027-4037	4.9	19
177	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	19
176	Ultra-wideband rectangular disk monopole antenna with notched ground. *Electronics Letters*, **2007**, 43, 605	1.1	19
175	Analysis and Experiments on Reflection and Refraction of Orbital Angular Momentum Waves. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 2085-2094	4.9	18
174	Varactor Loaded Pattern Reconfigurable Patch Antenna With Shorting Pins. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 6267-6277	4.9	18
173	Experiments of Orbital Angular Momentum Phase Properties for Long-Distance Transmission. *IEEE Access*, **2019**, 7, 62689-62694	3.5	16
172	Reconfigurable Unequal Power Divider With a High Dividing Ratio. *IEEE Microwave and Wireless Components Letters*, **2015**, 25, 514-516	2.6	16
171	Optimal design of ultra wideband antennas using a mixed model of 2-D genetic algorithm and finite-difference time-domain. *Microwave and Optical Technology Letters*, **2007**, 49, 3177-3180	1.2	16
170	Switched Multibeam Circular Array With a Reconfigurable Network. *IEEE Transactions on Antennas and Propagation*, **2016**, 64, 3228-3233	4.9	16
169	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	3.8	15
168	Performance Analysis of MIMO MRC Systems in the Presence of Self-Interference and Co-Channel Interferences. *IEEE Signal Processing Letters*, **2007**, 14, 801-803	3.2	15
167	Direction Finding of Linear Frequency Modulation Signal With Time-Modulated Array. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 2841-2846	4.9	14
166	Auto-design of band-notched UWB antennas using mixed model of 2D GA and FDTD. *Electronics Letters*, **2008**, 44, 257	1.1	14
165	Rectangular Grating Waveguide Slot Array Antenna for SATCOM Applications. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 3869-3880	4.9	13
164	A Cylindrically Conformal Array With Enhanced Axial Radiation. *IEEE Antennas and Wireless Propagation Letters*, **2016**, 15, 1653-1656	3.8	13

163	Wideband Circularly Polarized Antenna With Dual-Mode Operation. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 767-770	3.8	12
162	. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 2574-2577	3.8	12
161	PULSE PRESERVING CAPABILITIES OF PRINTED CIRCULAR DISK MONOPOLE ANTENNAS WITH DIFFERENT SUBSTRATES. *Progress in Electromagnetics Research*, **2008**, 78, 349-360	3.8	12
160	2 ⊠ Array with UC-EBG ground for low RCS and high gain. *Microwave and Optical Technology Letters*, **2007**, 49, 1418-1422	1.2	11
159	Multiuser Communication by Electromagnetic Vortex Based on Time-Modulated Array. *IEEE Antennas and Wireless Propagation Letters*, **2020**, 19, 282-286	3.8	11
158	Metal-Loaded Seawater Antenna With High Radiation Efficiency and Wideband Characteristics. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 1671-1674	3.8	10
157	. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 1127-1130	3.8	10
156	High-Accuracy DOA Estimation Based on Time-Modulated Array With Long and Short Baselines. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 1391-1395	3.8	10
155	. *IEEE Antennas and Wireless Propagation Letters*, **2020**, 19, 383-387	3.8	9
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153	A novel broadband antenna for passive UHF RFID transponders offering global functionality. *Microwave and Optical Technology Letters*, **2007**, 49, 2795-2798	1.2	9
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151	. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 283-286	3.8	8
150	Ruggedized Planar Monopole Antenna With a Null-Filled Shaped Beam. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 933-936	3.8	7
149	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	4.1	7
148	**2014**,		7
147	Perforated dielectric antenna reflectarray for OAM generation **2015**,		7
146	Detailed performance characteristics of vertically polarized, cylindrical, active coated nano-particle antennas. *Radio Science*, **2012**, 47, n/a-n/a	1.4	7

145	Compact CPW-fed stacked-circle monopole antenna with very wide bandwidth. *Microwave and Optical Technology Letters*, **2007**, 49, 1192-1194	1.2	7
144	. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 255-259	3.8	7
143	A COMPACT ENDFIRE RADIATION ANTENNA BASED ON SPOOF SURFACE PLASMON POLARITONS IN WIDE BANDWIDTH. *Progress in Electromagnetics Research M*, **2019**, 79, 147-157	0.6	6
142	A Multifixture Full-Wave De-Embedding Method for Characterizing One-Port Devices. *IEEE Transactions on Microwave Theory and Techniques*, **2016**, 64, 3894-3910	4.1	6
141	De-Embedding Based on EM Simulation and Measurement: A Hybrid Method. *IEEE Transactions on Microwave Theory and Techniques*, **2017**, 65, 5019-5034	4.1	6
140	Dual Circularly Polarized Omnidirectional Antenna with Slot Array on Coaxial Cylinder. *International Journal of Antennas and Propagation*, **2015**, 2015, 1-7	1.2	6
139	Design of a horn lens antenna for OAM generation **2015**,		6
138	Active cylindrical coated nano-particle antennas: polarization-dependent scattering properties. *Journal of Electromagnetic Waves and Applications*, **2013**, 27, 1392-1406	1.3	6
137	Exact SLF/ELF Underground HED Field Strengths in Earth-Ionosphere Cavity and Schumann Resonance. *IEEE Transactions on Antennas and Propagation*, **2011**, 59, 3031-3039	4.9	6
136	Design of ultra-wide band (UWB) bandpass filter based on defected ground structure. *Microwave and Optical Technology Letters*, **2007**, 49, 1374-1377	1.2	6
135	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	1.6	6
134	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	4.9	6
133	Dual CP Polarization Diversity and Space Diversity Antennas Enabled by a Compact T-Shaped Feed Structure. *IEEE Access*, **2019**, 7, 96284-96296	3.5	5
132	High-sensitivity OAM phase gradient detection based on time-modulated harmonic characteristic analysis. *Electronics Letters*, **2017**, 53, 812-814	1.1	5
131	A compact omnidirectional CP coaxial slots antenna **2015**,		5
130	A method of accurate co-simulation by considering lumped port setting in EM simulator **2015**,		5
129	A Novel CP Horn Antenna with Switchable Polarization by Single Port Feeding. *International Journal of Antennas and Propagation*, **2015**, 2015, 1-9	1.2	5
128	A tri-band bandstop filter with sharp rejection and controllable bandstop frequencies **2015**,		5

127	LOW-INSERTION LOSS PIN DIODE SWITCHES USING IMPEDANCE-TRANSFORMATION NETWORKS. *Progress in Electromagnetics Research C*, **2013**, 34, 195-202	0.9	5
126	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	1.5	5
125	Dual band RFID transponder antenna designed for a specific chip without addtional impedance matching network. *Microwave and Optical Technology Letters*, **2008**, 50, 58-60	1.2	5
124	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	1.6	5
123	Generalized principle of pattern multiplication based on the phase antenna element **2020**,		5
122	Dual-Port Phase Antenna and Its Application in 1-D Arrays to 2-D Scanning. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	5
121	Direction Finding Based on Time-Modulated Array With Multiharmonic Analysis. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 5753-5758	4.9	4
120	Instantaneous Gain Optimization in Time Modulated Array Using Reconfigurable Power Divide/Combiner. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 530-533	3.8	4
119	Theory Analysis and Realization of Single-/Dual-Port Excitation in Beam-Forming Network. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 4912-4917	4.9	4
118	Realizing orbital angular momentum (OAM) beam with small divergence angle by luneberg lens **2017**,		4
117	Dual-wideband bandstop filter using stepped impedance coupled-lines. *Microwave and Optical Technology Letters*, **2015**, 57, 2304-2306	1.2	4
116	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	4
115	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	4.9	4
114	Beamforming method with periodical amplitude modulation array **2013**,		4
113	Propagation model for mobile digital TV coverage under viaduct. *Radio Science*, **2010**, 45, n/a-n/a	1.4	4
112	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	3.9	4
111	Multi-mode phase slots antenna with dual ports **2020**,		4
110	Multiple Antenna Selection Schemes with a RF Reconfigurable Power Combiner. *Wireless Personal Communications*, **2015**, 85, 1071-1080	1.9	3

109	Subwavelength plasmonic nanoantenna as a Plasmonic Induced Polarization Rotator (PI-PR). *Scientific Reports*, **2020**, 10, 2809	4.9	3
108	Circularly-Polarized Shaped Pattern Planar Antenna for Aerial Platforms. *IEEE Access*, **2020**, 8, 7466-7472	3.5	3
107	Topological Design of Planar Circularly Polarized Directional Antenna with Low Profile Using Particle Swarm Optimization. *International Journal of Antennas and Propagation*, **2017**, 2017, 1-12	1.2	3
106	Omnidirectional Circularly Polarized Antenna with High Gain in Wide Bandwidth **2017**,		3
105	A wideband and wide-angle scanning circularly polarized array with low profile **2017**,		3
104	A circular truncated cone slot antenna with circular polarized conical beam **2017**,		3
103	**2017**,		3
102	A Broadband Single-Feed Circularly Polarized Patch Antenna with Wide Beamwidth. *International Journal of Antennas and Propagation*, **2015**, 2015, 1-10	1.2	3
101	Multiband antenna system with polarization conversion for WLAN applications. *Microwave and Optical Technology Letters*, **2007**, 49, 1772-1777	1.2	3
100	Multiband dual patch antennas with polarization compensation for WLAN applications. *Microwave and Optical Technology Letters*, **2007**, 49, 1907-1911	1.2	3
99	. *IEEE Transactions on Broadcasting*, **2007**, 53, 738-745	4.7	3
98	Planar broadband millimeter-wave antenna based on open loop ring resonators. *Microwave and Optical Technology Letters*, **2008**, 50, 324-328	1.2	3
97	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		3
96	The study on electromagnetic compatibility of DC electric motor in HAPS. *Aerospace Science and Technology*, **2005**, 9, 617-625	4.9	3
95	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	1.2	3
94	A K-Band Broadband Circularly Polarized Slot Antenna Based on L-Shaped Waveguide Cavity. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 1606-1610	3.8	3
93	A t-shaped feed structure to enhance the performance of a polarization diversity antenna **2017**,		2
92	**2017**,		2

91	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	2.6	2
90	A UHF Broadband Spider-Shaped Monopole Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 782-785	3.8	2
89	An improved mixed-integer multi-objective particle swarm optimization and its application in antenna array design **2013**,		2
88	Gap-Dependent Localized High Energy Multiple Dipolar Modes in Passive Silver-Coated Silica Nanoparticle Antennas. *Applied Sciences (Switzerland)*, **2017**, 7, 1183	2.6	2
87	A low profile CP antenna based on novel hexagon grids optimization model **2015**,		2
86	An ultra-wideband cross-dipole antenna with wide beam for dual-polarization applications **2015**,		2
85	Design of a Quadrifilar helical antenna with high phase center stability **2012**,		2
84	A novel dual-band circularly-polarized wide-beam quadrifilar helix antenna **2012**,		2
83	Wide bandwidth dual-frequency dual-polarized microstrip array antenna for Ku-band applications **2012**,		2
82	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	4.1	2
81	STUDY ON THE PLANAR CIRCULARLY POLARIZED ANTENNAS WITH SWASTIKA SLOT. *Progress in Electromagnetics Research C*, **2013**, 39, 11-24	0.9	2
80	Studies of nanometer antennas incorporating gain material using CST **2011**,		2
79	Ultra-wideband quasi-circular monopole antennas with rectangular and trapezoidal grounds. *IET Microwaves, Antennas and Propagation*, **2009**, 3, 55	1.6	2
78	Novel Multilayer Dipoles for Wireless Inter-/Intraconnects. *IEEE Transactions on Electron Devices*, **2010**, 57, 305-311	2.9	2
77	DESIGN AND TESTING OF HIGH-PERFORMANCE ANTENNA ARRAY WITH A NOVEL FEED NETWORK. *Progress in Electromagnetics Research M*, **2008**, 5, 153-160	0.6	2
76	Modified circular monopole antenna with improved transmission performance for UWB communications. *Microwave and Optical Technology Letters*, **2008**, 50, 1285-1289	1.2	2
75	Design of a CPW-fed Ultra Wideband Crown Circular Fractal Antenna **2006**,		2
74	Low profile Vertically Polarized Endfire Antenna Based on Spoof Surface Plasmon Polaritons **2020**,		2

73	A Frequency Notched Inverted-trapezoid UWB Antenna. *Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium*, **2007**, 3, 980-983		2
72	Detection and Parameter Estimation of LFM Signal Using Integration of Fractional Gaussian Window Transform. *IEICE Transactions on Communications*, **2007**, E90-B, 630-635	0.5	2
71	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	4.1	2
70	Broadband Dual Circularly Polarized Magnetoelectric Dipole Antenna Fed by a Miniaturized Six-Branch Hybrid Coupler. *International Journal of Antennas and Propagation*, **2016**, 2016, 1-10	1.2	2
69	A High-Gain Broadband Omnidirectional Antenna Applying Spoof Surface Plasmon Polaritons with High Bearing Strength **2019**,		2
68	Compact Wideband Bandstop Filter With Directly Controlled Rejection. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	2
67	Spoof Surface Plasmon Polaritons Pattern Reconfigurable Antenna for Wide-Angle Coverage **2018**,		2
66	Polarization-insensitive metasurfaces for generating converging vortex beams carrying orbital angular momentum **2018**,		2
65	An UHF Tree-Like Biconical Antenna With Both Conical and Horizontal Omnidirectional Radiations. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 187-189	3.8	1
64	Interface-Induced Near-Infrared Response of Gold-Silica Hybrid Nanoparticles Antennas. *Nanomaterials*, **2020**, 10,	5.4	1
63	A compact ultra-wideband power divider with high isolation **2014**,		1
62	. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 2915-2918	3.8	1
61	A single-fed circularly polarized using water substrate patch antenna with small size low-profile and broadband **2017**,		1
60	Wideband wide-slot antenna array with protrusion for wide-angle scanning **2017**,		1
59	**2017**,		1
58	Synthesizing orbital angular momentum beam with small divergence angle **2017**,		1
57	Study on low profile cp antenna by combining discrete grid model and parameter optimization **2014**,		1
56	A novel SIW horn antenna with high gain and high efficiency **2014**,		1

55	A broadband printed slot antenna with wide E-plane beamwidth **2014**,		1
54	Fast Convergence Algorithm for Earthquake Prediction Using Electromagnetic Fields Excited by SLF/ELF Horizontal Magnetic Dipole and Schumann Resonance. *Wireless Personal Communications*, **2014**, 77, 1039-1053	1.9	1
53	Fast Convergence Algorithm for Earthquake Prediction Using SLF/ELF Horizontal Electric Dipole during Day and Night and Schumann Resonance. *Wireless Personal Communications*, **2012**, 67, 149-163	1.9	1
52	A Modified Lumped-Network Finite-Difference Time-Domain Method. *IEEE Antennas and Wireless Propagation Letters*, **2012**, 11, 326-329	3.8	1
51	**2012**,		1
50	Design of Arbitrarily Shaped Planar Microstrip Antenna Arrays with Improved Efficiency. *International Journal of Antennas and Propagation*, **2013**, 2013, 1-10	1.2	1
49	**2010**,		1
48	Compact DVB-T printed monopole antenna **2010**,		1
47	RFID tag antenna for use on metal **2010**,		1
46	Improved Mid-Field calibration technology for linear array **2011**,		1
45	A 60-GHz wideband dielectric resonator antenna with inclined radiation **2012**,		1
44	Capacity analysis of MIMO MRC systems in correlated rayleigh fading environments. *Wireless Personal Communications*, **2007**, 43, 1569-1576	1.9	1
43	FPGA implementation of downlink DBF calibration **2005**,		1
42	Time-Frequency Distribution Based on Bi-directional Gaussian kernel and its application in instantaneous frequency estimation **2006**,		1
41	Basic Principles of Spoof Surface Plasmon Polaritons **2022**, 13-31		1
40	An approach to achieve directional low-profile antenna of quintuple stable pattern band by utilising dipole with compound concave corrugated reflector. *IET Microwaves, Antennas and Propagation*, **2021**, 15, 629-643	1.6	1
39	A novel dual-band bnadstop filter based on parallel stub-loaded resonator. *Microwave and Optical Technology Letters*, **2016**, 58, 1268-1271	1.2	1
38	Multi-user Communication by Electromagnetic Vortex Based on Time Modulated Array **2019**,		1

37	Core-Shell Nano-Antenna Configurations for Array Formation with More Stability Having Conventional and Non-Conventional Directivity and Propagation Behavior. *Nanomaterials*, **2021**, 11,	5.4	1
36	Novel Beam Scanning Antenna System Fed by Reconfigurable Beamforming Network **2018**,		1
35	Study on the Rotated SSPPs Structure and Its Applications in Antenna. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 4475-4487	4.9	1
34	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**, 1-1	4.9	1
33	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**, 1-1	4.9	1
32	Grating ridged waveguide V-shaped slot array antenna for SATCOM applications. *Electronics Letters* , **2019**, 55, 170-172	1.1	0
31	A Novel Radar Based on Two-Element Time-Modulated Array. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 524-528	4.1	0
30	Realization of Multimode OAM Beams with Almost the Same Divergence Angles. *International Journal of Antennas and Propagation*, **2021**, 2021, 1-10	1.2	0
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