Zhijun Zhang

List of Publications by Year in Descending Order

246 papers	4,831 citations	35 h-index	53 g-index
300 ext. papers	6,475 ext. citations	3.9 avg, IF	6.24 L-index

#	Paper	IF	Citations
246	A Two-Port Microstrip Antenna with High Isolation for Wi-Fi 6 and Wi-Fi 6E Applications. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1	4.9	4
245	A Broadband Dual-Antenna Pair Based on Half-Open Cavity with Horizontally-Polarized Radiation for Wi-Fi 6/6E Application. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1	4.9	2
244	Vertically Polarized 360° Azimuth Scanning Array. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 1-1	3.8	
243	Facile engineering of ECM-mimetic injectable dual crosslinking hydrogels with excellent mechanical resilience, tissue adhesion, and biocompatibility. *Journal of Materials Chemistry B*, **2021**,	7.3	3
242	A Reconfigurable Reflectarray Antenna with an 8-□m-thick Layer of Liquid Crystal. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	5
241	. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 7085-7091	4.9	1
240	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	7.3	2
239	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	2.6	7
238	3D bioprinted neural tissue constructs for spinal cord injury repair. *Biomaterials*, **2021**, 272, 120771	15.6	28
237	pH-Triggered Aggregation of Gold Nanoparticles for Enhanced Labeling and Long-Term CT Imaging Tracking of Stem Cells in Pulmonary Fibrosis Treatment. *Small*, **2021**, 17, e2101861	11	4
236	A Slender Fabry□Perot Antenna for High-Gain Horizontally Polarized Omnidirectional Radiation. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 526-531	4.9	4
235	. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 672-682	4.9	32
234	A new feeding topology with internal 180° phase reversal for wideband series-fed slot array antennas. *Microwave and Optical Technology Letters*, **2021**, 63, 1477-1482	1.2	
233	Decoupling Between Extremely Closely Spaced Patch Antennas by Mode Cancellation Method. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 3074-3083	4.9	32
232	Wideband Decoupling of Integrated Slot Antenna Pairs for 5G Smartphones. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 2386-2391	4.9	17
231	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	7.3	2
230	Wideband Dual-Polarized Endfire Antenna Based on Compact Open-Ended Cavity for 5G mm-Wave Mobile Phones. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	3

229	Compact Co-polarized PIFAs for Full-duplex Application Based on CM/DM Cancellation Theory. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	8
228	Design of a Stacked Co-Polarized Full-Duplex Antenna with Broadside Radiation. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	4
227	A Grooved Half-Mode Waveguide Leaky-Wave Antenna for Vertically-Polarized Endfire Radiation. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	5
226	. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 4466-4474	4.9	13
225	Improved oral delivery of insulin by PLGA nanoparticles coated with 5-cholanic acid conjugated glycol chitosan. *Biomedical Materials (Bristol)*, **2021**, 16,	3.5	1
224	Millimeter-Wave Planar Antenna Array Based on Modified Bulk Silicon Micromachining Technology. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 7676-7681	4.9	3
223	Hyaluronic Acid-Modified Au-Ag Alloy Nanoparticles for Radiation/Nanozyme/Ag Multimodal Synergistically Enhanced Cancer Therapy. *Bioconjugate Chemistry*, **2020**, 31, 1756-1765	6.3	20
222	HBC-nanofiber hydrogel scaffolds with 3D printed internal microchannels for enhanced cartilage differentiation. *Journal of Materials Chemistry B*, **2020**, 8, 6115-6127	7.3	19
221	CT/MR Dual-Modality Imaging Tracking of Mesenchymal Stem Cells Labeled with a Au/GdNC@SiO Nanotracer in Pulmonary Fibrosis.. *ACS Applied Bio Materials*, **2020**, 3, 2489-2498	4.1	3
220	A Pattern-Reconfigurable Aircraft Antenna With Low Wind Drag. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 4397-4405	4.9	8
219	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	7.3	16
218	Near-infrared-persistent luminescence/bioluminescence imaging tracking of transplanted mesenchymal stem cells in pulmonary fibrosis. *Biomaterials Science*, **2020**, 8, 3095-3105	7.4	7
217	One-pot preparation of zwitterionic graphene nanosheets with exceptional redispersibility and its application in pickering emulsions. *Carbon*, **2020**, 157, 448-456	10.4	5
216	Self-Decoupled MIMO Antenna Pair With Shared Radiator for 5G Smartphones. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 3423-3432	4.9	58
215	Dual-Mode Compression of Dipole Antenna by Loading Electrically Small Loop Resonator. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 3243-3247	4.9	10
214	. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 4077-4081	4.9	4
213	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	4.9	70
212	Circularly Polarized 2 Bit Reconfigurable Beam-Steering Antenna Array. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 2416-2421	4.9	20

211	. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 5916-5923	4.9	3
210	High-Gain Leaky-Wave Endfire Antenna Based on Hansen Woodyard Condition. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 2155-2159	3.8	10
209	Monostatic Copolarized Simultaneous Transmit and Receive (STAR) Antenna by Integrated Single-Layer Design. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 472-476	3.8	24
208	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	2.8	14
207	Half-mode dielectric waveguide antenna fed by a micro-strip line with air media for endfire radiation. *IET Microwaves, Antennas and Propagation*, **2019**, 13, 854-858	1.6	
206	Promoting tendon to bone integration using graphene oxide-doped electrospun poly(lactic-co-glycolic acid) nanofibrous membrane. *International Journal of Nanomedicine*, **2019**, 14, 1835-1847	7.3	23
205	. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 4189-4194	4.9	13
204	An Open Cavity Leaky-Wave Antenna With Vertical-Polarization Endfire Radiation. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 3455-3460	4.9	17
203	Compact Co-Horizontally Polarized Full-Duplex Antenna With Omnidirectional Patterns. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 1154-1158	3.8	25
202	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	4.9	13
201	Rectangular Dielectric Rod Antenna Fed by Air-Substrate Parallel Strip Line. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 6308-6316	4.9	6
200	CT/Bioluminescence Dual-Modal Imaging Tracking of Mesenchymal Stem Cells in Pulmonary Fibrosis. *Small*, **2019**, 15, e1904314	11	14
199	Dual-Beam Periodic Leaky-Wave Antenna With Reduced Beam Squinting. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 2533-2537	3.8	7
198	Subwavelength and low-profile element using metallic hole for reflected antenna array. *Electronics Letters*, **2019**, 55, 436-438	1.1	1
197	Linear high-gain bidirectional slot array fabricated by narrow bent metallic line. *Electronics Letters*, **2019**, 55, 981-982	1.1	1
196	A Novel Modified Silicon Micromachining Process with Near-Zero Dielectric Loss for High-Efficiency Antenna Design up to Terahertz Band **2019**,		2
195	Long-term in vivo CT tracking of mesenchymal stem cells labeled with Au@BSA@PLL nanotracers. *Nanoscale*, **2019**, 11, 20932-20941	7.7	18
194	. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 1688-1696	4.9	17

193	Dual-Polarized, High-Gain, and Low-Profile Magnetic Current Array Antenna. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 1312-1317	4.9	12
192	. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 730-737	4.9	16
191	Low-Cost Compact Circularly Polarized Dual-Layer PIFA for Active RFID Reader. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 681-686	4.9	17
190	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	4.9	24
189	Microstrip-Fed Surface-Wave Antenna for Endfire Radiation. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 580-584	4.9	13
188	Multifunctional nanotheranostic gold nanocages for photoacoustic imaging guided radio/photodynamic/photothermal synergistic therapy. *Acta Biomaterialia*, **2019**, 84, 328-338	10.8	44
187	Experimental Verification of Guided-Wave Lumped Circuits Using Waveguide Metamaterials. *Physical Review Applied*, **2018**, 9,	4.3	9
186	. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 683-691	4.9	26
185	Circularly Polarized Beam-Switching Antenna Array Design for Directional Networks. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 604-607	3.8	4
184	Chondroinductive factor-free chondrogenic differentiation of human mesenchymal stem cells in graphene oxide-incorporated hydrogels. *Journal of Materials Chemistry B*, **2018**, 6, 908-917	7.3	24
183	Multiple Fan-Beam Antenna Array for Massive MIMO Applications. *Journal of Communications and Information Networks*, **2018**, 3, 38-42		3
182	Low-Profile EndFire Leaky-Wave Antenna With Air Media. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 1086-1092	4.9	25
181	Antenna Miniaturization in Mobile Communication Systems **2018**, 205-226		
180	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	6	34
179	Tightly arranged orthogonal mode antenna for 5G MIMO mobile terminal. *Microwave and Optical Technology Letters*, **2018**, 60, 1751-1756	1.2	26
178	Compact 5G MIMO Mobile Phone Antennas With Tightly Arranged Orthogonal-Mode Pairs. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 6364-6369	4.9	112
177	A novel 1-to-3 feeding network with radiation contribution. *Microwave and Optical Technology Letters*, **2018**, 60, 2242-2245	1.2	1
176	Narrow-Width Periodic Leaky-Wave Antenna Array for Endfire Radiation Based on Hansen□Woodyard Condition. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 6393-6396	4.9	33

175	A leap-frog algorithm-based efficient unified thermostat scheme for molecular dynamics. *Chinese Science Bulletin*, **2018**, 63, 3467-3483	2.9	4
174	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	4.4	30
173	Dual Linearly Polarized Microstrip Antenna Using a Slot-Loaded TM50 Mode. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 2344-2348	3.8	19
172	A novel teaching platform design with CAI for EM education. *Computer Applications in Engineering Education*, **2018**, 26, 1318-1323	1.6	1
171	All-Metal Centipede-Like End-Fire Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 1905-1909	3.8	8
170	HP-□CD Functionalized FeO/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	9.5	34
169	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	4.9	14
168	Linear Multibeam Transmitarray Based on the Sliding Aperture Technique. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 3948-3958	4.9	9
167	High-gain and low-profile microstrip antenna using slot-loaded TM50 mode **2018**,		3
166	Air Substrate 2-D Planar Cavity Antenna With Chessboard Structure. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 321-324	3.8	4
165	Bidirectional same-sense circularly polarized antenna using slot-coupled back-to-back patches. *Microwave and Optical Technology Letters*, **2017**, 59, 645-648	1.2	11
164	Pattern synthesis for equal-gain coverage in air-to-ground communication. *Microwave and Optical Technology Letters*, **2017**, 59, 750-753	1.2	
163	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	9.5	53
162	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	4.9	22
161	Antenna Matching **2017**, 28-64		1
160	External Antenna **2017**, 65-137		
159	Internal Antenna **2017**, 138-228		
158	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 9214-9225	6.8	2

157	Omnidirectional Dual-Polarized Antenna With Sabre-Like Structure. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 3221-3225	4.9	19
156	. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 584-592	4.9	6
155	A unified thermostat scheme for efficient configurational sampling for classical/quantum canonical ensembles via molecular dynamics. *Journal of Chemical Physics*, **2017**, 147, 034109	3.9	29
154	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	4.9	20
153	Magnetic current synthesis using cavity structures **2017**,		1
152	Stationary state distribution and efficiency analysis of the Langevin equation via real or virtual dynamics. *Journal of Chemical Physics*, **2017**, 147, 184104	3.9	18
151	Broadband and Low-Profile Microstrip Antenna Using Strip-Slot Hybrid Structure. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 3118-3121	3.8	23
150	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	4.9	19
149	A Millimeter-Wave Micromachined Air-Filled Slot Antenna Fed by Patch. *IEEE Transactions on Components, Packaging and Manufacturing Technology*, **2017**, 7, 1683-1690	1.7	13
148	Air Substrate Slot Array Based on Channelized Coplanar Waveguide. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 892-895	3.8	7
147	A Dual-Beam Eight-Element Antenna Array With Compact CPWG Crossover Structure. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 1269-1272	3.8	8
146	**2017**,		39
145	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	3.8	17
144	Horizontally Polarized Omnidirectional Antenna Array Using Cascaded Cavities. *IEEE Transactions on Antennas and Propagation*, **2016**, 64, 5454-5459	4.9	23
143	60-GHz Air Substrate Leaky-Wave Antenna Based on MEMS Micromachining Technology. *IEEE Transactions on Components, Packaging and Manufacturing Technology*, **2016**, 6, 1656-1662	1.7	21
142	Wideband Triangular-Cavity-Cascaded Antennas. *IEEE Transactions on Antennas and Propagation*, **2016**, 64, 2840-2847	4.9	8
141	A Dual-Environment Active RFID Tag Antenna Mountable on Metallic Objects. *IEEE Antennas and Wireless Propagation Letters*, **2016**, 15, 1759-1762	3.8	5
140	Compact all-metallic cavity-cascaded antenna. *Electronics Letters*, **2016**, 52, 413-414	1.1	12

139	All-Metal Antenna Array Based on Microstrip Line Structure. *IEEE Transactions on Antennas and Propagation*, **2016**, 64, 351-355	4.9	19
138	Triangular cavity for wideband antenna with large radiating aperture **2016**,		1
137	An experimental system for generating and identifying tunable orbital angular momentum in radio **2016**,		2
136	Path integral Liouville dynamics: Applications to infrared spectra of OH, water, ammonia, and methane. *Journal of Chemical Physics*, **2016**, 144, 034307	3.9	24
135	Two designs of bidirectional same-sense circularly polarized antennas with cavity structures **2016**,		1
134	Dual-layered metalens for polarization-agile orbital angular momentum waves **2016**,		1
133	Near-Optimal Beam Selection for Beamspace MmWave Massive MIMO Systems. *IEEE Communications Letters*, **2016**, 20, 1054-1057	3.8	154
132	. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 2290-2295	4.9	42
131	A Hemispherical 3-D Null Steering Antenna for Circular Polarization. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 803-806	3.8	25
130	Planar Printed Multi-Resonant Antenna for Octa-Band WWAN/LTE Mobile Handset. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 1734-1737	3.8	30
129	Compact Single-Feed Dual-Mode Antenna for Active RFID Tag Application. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 5190-5194	4.9	6
128	A Novel Low-Profile Hepta-Band Handset Antenna Using Modes Controlling Method. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 799-804	4.9	29
127	HEXA-BAND HIGH-ISOLATED DUAL-POLARIZED LOOP ANTENNA FOR MOBILE COMMUNICATIONS. *Progress in Electromagnetics Research Letters*, **2015**, 52, 121-128	0.5	4
126	Propagation Modeling of Point Source Excited Magnetoinductive Waves Based on a New Plane Wave Expansion Approach. *Mathematical Problems in Engineering*, **2015**, 2015, 1-9	1.1	
125	. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 2914-2921	4.9	28
124	Design of a three-dimensional folded slot antenna with quasi-isotropic radiation pattern **2015**,		7
123	A three-layer transmitarray element with 360□phase range **2015**,		1
122	Dual-port planar MIMO antenna with ultra-high isolation and orthogonal radiation patterns. *Electronics Letters*, **2015**, 51, 7-8	1.1	12

121	A Compact Dual-Mode Metamaterial-Based Loop Antenna for Pattern Diversity. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 394-397	3.8	25
120	Wideband substrate integrated waveguide cavity-backed spiral-shaped patch antenna. *Microwave and Optical Technology Letters*, **2015**, 57, 332-337	1.2	4
119	A Planar Wideband Dual-Polarized Array for Active Antenna System. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 544-547	3.8	15
118	A Dual Circularly Polarized Waveguide Antenna With Bidirectional Radiations of the Same Sense. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 480-484	4.9	28
117	2-D Planar Scalable Dual-Polarized Series-Fed Slot Antenna Array Using Single Substrate. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 2280-2283	4.9	18
116	A compact broadside/conical circularly polarized antenna for pattern diversity design **2014**,		2
115	Array of spatial power combination for wide angle sector coverage. *Microwave and Optical Technology Letters*, **2014**, 56, 2990-2993	1.2	
114	A Wideband Isotropic Radiated Planar Antenna Using Sequential Rotated L-Shaped Monopoles. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 1461-1464	4.9	42
113	Circularly Polarized Patch-Helix Hybrid Antenna With Small Ground. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 361-364	3.8	11
112	Ultra-Compact Three-Port MIMO Antenna With High Isolation and Directional Radiation Patterns. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 1545-1548	3.8	35
111	A Wideband Sequential-Phase Fed Circularly Polarized Patch Array. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 3890-3893	4.9	92
110	. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 594-601	4.9	17
109	Wideband tri-port MIMO antenna with compact size and directional radiation pattern. *Electronics Letters*, **2014**, 50, 1261-1262	1.1	12
108	A Circularly Polarized Pattern Diversity Antenna for Hemispherical Coverage. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 5365-5369	4.9	26
107	Design of Omnidirectional Dual-Polarized Antenna in Slender and Low-Profile Column. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 2323-2326	4.9	35
106	Improved Main-Beam Nulling Through Single Switchable Displaced Element for Small Scale Adaptive Array. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 2522-2530	4.9	4
105	. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 3864-3868	4.9	28
104	A Wideband High-Isolated Dual-Polarized Patch Antenna Using Two Different Balun Feedings. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 1617-1619	3.8	43

103	A planar reconfigurable antenna with bidirectional end-fire and broadside radiation patterns. *Microwave and Optical Technology Letters*, **2014**, 56, 1942-1946	1.2	2
102	A Simplified Hemispherical 2-D Angular Space Null Steering Approach for Linearly Polarization. *IEEE Antennas and Wireless Propagation Letters*, **2014**, 13, 1628-1631	3.8	10
101	Right ventricular strain analysis from three-dimensional echocardiography by using temporally diffeomorphic motion estimation. *Medical Physics*, **2014**, 41, 122902	4.4	2
100	Compact helical antenna with small ground fed by spiral-shaped microstrip line. *Electronics Letters*, **2014**, 50, 336-338	1.1	3
99	A bidirectional waveguide antenna with polarization reconfigurable capability. *Microwave and Optical Technology Letters*, **2014**, 56, 422-427	1.2	6
98	Wideband unidirectional circularly polarised slot array with integrated feeding network. *Electronics Letters*, **2014**, 50, 1039-1040	1.1	7
97	Metallic short backfire antenna with halved size and wideband characteristics. *Electronics Letters*, **2014**, 50, 907-908	1.1	1
96	A Novel Null Scanning Antenna Using Even and Odd Modes of a Shorted Patch. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 1903-1909	4.9	43
95	A wideband circularly polarized metallic cavity antenna fed with an L-shaped probe. *Microwave and Optical Technology Letters*, **2014**, 56, 2398-2403	1.2	2
94	A compact wideband quad-element planar antenna for WiMAX MIMO Application **2014**,		1
93	. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 5394-5399	4.9	24
92	Fabrication and Measurement Techniques of Wearable and Flexible Antennas. *WIT Transactions on State-of-the-art in Science and Engineering*, **2014**, 7-23		2
91	Dual-Band Circularly Polarized Rotated Patch Antenna With a Parasitic Circular Patch Loading. *IEEE Antennas and Wireless Propagation Letters*, **2013**, 12, 492-495	3.8	37
90	. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 1443-1447	4.9	75
89	A Low-Cost Dual-Polarized Array Antenna Etched on a Single Substrate. *IEEE Antennas and Wireless Propagation Letters*, **2013**, 12, 265-268	3.8	22
88	Design of A CPW-FED C-Shaped Slot Array Antenna for Coal Mine/Tunnel Applications. *Microwave and Optical Technology Letters*, **2013**, 55, 1784-1789	1.2	5
87	Design of a Ring Probe-Fed Metallic Cavity Antenna for Satellite Applications. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 4836-4839	4.9	12
86	A Wideband Dual-Polarized Slot Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2013**, 12, 1010-1013	3.8	22

85	A Waveguide Antenna With Bidirectional Circular Polarizations of the Same Sense. *IEEE Antennas and Wireless Propagation Letters*, **2013**, 12, 559-562	3.8	19
84	A Dual-Resonant Shorted Patch Antenna for Wearable Application in 430 MHz Band. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 6195-6200	4.9	31
83	. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 3511-3518	4.9	35
82	. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 2418-2424	4.9	20
81	Bidirectional rectangular ring antenna for coal mine/tunnel communication. *Microwave and Optical Technology Letters*, **2013**, 55, 1412-1416	1.2	3
80	A Dual-Loop Antenna in a Cage Structure for Horizontally Polarized Omnidirectional Pattern. *IEEE Antennas and Wireless Propagation Letters*, **2013**, 12, 1252-1255	3.8	4
79	A Broadband Patch Antenna With Tripolarization Using Quasi-Cross-Slot and Capacitive Coupling Feed. *IEEE Antennas and Wireless Propagation Letters*, **2013**, 12, 832-835	3.8	22
78	A Bidirectional Left-Hand Circularly Polarized Antenna Using Dual Rotated Patches. *Microwave and Optical Technology Letters*, **2013**, 55, 2044-2047	1.2	11
77	A Bidirectional Array of the Same Left-Handed Circular Polarization Using a Special Substrate. *IEEE Antennas and Wireless Propagation Letters*, **2013**, 12, 1543-1546	3.8	13
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