

Zhenghe Feng

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.

228
papers

3,932
citations

33
h-index

53
g-index

322
ext. papers

5,073
ext. citations

2.9
avg, IF

5.82
L-index

#	Paper	IF	Citations
228	A Low Complexity Moving Average Nested GMP Model for Digital Predistortion of Broadband Power Amplifiers. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-14	3.9	2
227	A Highly Linear GaN MMIC Doherty Power Amplifier Based on Phase Mismatch Induced AM-PM Compensation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	3
226	A Complexity-Reduced Harmonic-Cancellation Digital Predistortion for HF Transmitters. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 31, 529-532	2.6	1
225	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3132-3145	4.1	5
224	A new feeding topology with internal 180° phase reversal for wideband series-fed slot array antennas. <i>Microwave and Optical Technology Letters</i> , 2021 , 63, 1477-1482	1.2	
223	A High-Efficiency 142-182-GHz SiGe BiCMOS Power Amplifier With Broadband Slotline-Based Power Combining Technique. <i>IEEE Journal of Solid-State Circuits</i> , 2021 , 1-1	5.5	4
222	A Fully Integrated 3.5-/4.9-GHz Dual-Band GaN MMIC Doherty Power Amplifier Based on Multi-Resonant Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	0
221	A 24-24 GHz Broadband Transmit/Receive Front End in 0.13- μ m SiGe BiCMOS for Multistandard 5G Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 3463-3474	4.1	3
220	Multi-Stream Spatial Digital Predistortion for Fully-Connected Hybrid Beamforming Massive MIMO Transmitters. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 2998-3011	3.9	5
219	2-D Magnitude-Selective Affine Function-Based Digital Predistortion for Concurrent Dual-Band Terminal Power Amplifiers. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 69, 4209-4222	4.1	3
218	A 160 GHz High Output Power and High DC-to-RF Efficiency Fundamental Oscillator in a 130-nm SiGe BiCMOS Process 2021 ,		2
217	A 24-29.5 GHz Voltage-Combined Doherty Power Amplifier Based on Compact Low-Loss Combiner. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	4
216	A 250-310 GHz Power Amplifier with 15-dB Peak Gain in 130-nm SiGe BiCMOS Process for Terahertz Wireless System. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2021 , 1-1	3.4	2
215	An 18-50-GHz π -Modulated Quasi-Continuous Digital Vector-Modulation Phase Shifter With Variable Gain Control. <i>IEEE Microwave and Wireless Components Letters</i> , 2021 , 1-4	2.6	
214	A 160 GHz High Output Power and High Efficiency Power Amplifier in a 130-nm SiGe BiCMOS Technology 2020 ,		4
213	A Broadband Millimeter-Wave Continuous-Mode Class-F Power Amplifier Based on the Deembedded Transistor Model. <i>IEEE Microwave and Wireless Components Letters</i> , 2020 , 30, 609-612	2.6	5
212	A Pattern-Reconfigurable Aircraft Antenna With Low Wind Drag. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4397-4405	4.9	8

211	A Robust and Scalable Harmonic Cancellation Digital Predistortion Technique for HF Transmitters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 2796-2807	4.1	3
210	180GHz high-gain cascode power amplifier in a 130nm SiGe process. <i>Electronics Letters</i> , 2020 , 56, 498-501	5.1	3
209	A robust multi-sampling rate digital predistortion for ultra-broadband power amplifiers. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 1041-1048	1.2	1
208	Wideband 5G MIMO Antenna With Integrated Orthogonal-Mode Dual-Antenna Pairs for Metal-Rimmed Smartphones. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2494-2503	4.9	70
207	Power Scalable Beam-Oriented Digital Predistortion for Compact Hybrid Massive MIMO Transmitters. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 4994-5006	3.9	10
206	An Efficient Directional Modulation Transmitter With Novel Crest Factor Reduction Technique. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 554-556	2.6	3
205	High-Gain Leaky-Wave Endfire Antenna Based on Hansen-Woodyard Condition. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2155-2159	3.8	10
204	Beam-Oriented Digital Predistortion for Hybrid Beamforming Array Utilizing Over-the-Air Diversity Feedbacks 2019 ,		6
203	A 10-3100 MHz Nested-mode Highly Efficient Power Amplifier for Multi-Octave Applications 2019 ,		2
202	A Fully Integrated C-band GaN MMIC Doherty Power Amplifier with High Gain and High Efficiency for 5G Application 2019 ,		2
201	A Ka-Band Highly Linear Power Amplifier with a Linearization Bias Circuit 2019 ,		4
200	A Dual-Band GaN MMIC Power Amplifier With Hybrid Operating Modes for 5G Application. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 228-230	2.6	25
199	A Fully Integrated C-Band GaN MMIC Doherty Power Amplifier With High Efficiency and Compact Size for 5G Application. <i>IEEE Access</i> , 2019 , 7, 71665-71674	3.5	25
198	Half-mode dielectric waveguide antenna fed by a micro-strip line with air media for endfire radiation. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 854-858	1.6	
197	A Compact Ka/Q Dual-Band GaAs MMIC Doherty Power Amplifier With Simplified Offset Lines for 5G Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 3110-3121	4.1	13
196	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 4189-4194	4.9	13
195	An Open Cavity Leaky-Wave Antenna With Vertical-Polarization Endfire Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3455-3460	4.9	17
194	Compact Co-Horizontally Polarized Full-Duplex Antenna With Omnidirectional Patterns. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1154-1158	3.8	25

193	A Broadband and High-Gain Endfire Antenna Array Fed by Air-Substrate Parallel Strip Line. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 5717-5722	4.9	13
192	Linearization of a Directional Modulation Transmitter Using Low-Complexity Cascaded Digital Predistortion. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 4467-4478	4.1	4
191	Dual-Beam Periodic Leaky-Wave Antenna With Reduced Beam Squinting. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2533-2537	3.8	7
190	Linearization for Hybrid Beamforming Array Utilizing Embedded Over-the-Air Diversity Feedbacks. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 5235-5248	4.1	29
189	The Nested-Mode Power Amplifiers for Highly Efficient Multi-Octave Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 5114-5126	4.1	3
188	Multiband and Multimode Concurrent PA With Novel Intermodulation Tuning Network for Linearity Improvement. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 248-250	2.6	9
187	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2628-2633	4.9	31
186	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 683-691	4.9	26
185	A design methodology of envelope tracking power amplifier based on harmonic impedance tuning. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 639-642	1.2	3
184	Low-profile circularly polarised patching antenna with compact feeding network. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 410-415	1.6	4
183	Reduced Cost Digital Predistortion Only With In-Phase Feedback Signal. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 257-259	2.6	5
182	A robust and broadband digital predistortion utilizing negative feedback iteration 2018 ,		9
181	A novel 1-to-3 feeding network with radiation contribution. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 2242-2245	1.2	1
180	Narrow-Width Periodic Leaky-Wave Antenna Array for Endfire Radiation Based on Hansen-Woodyard Condition. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 6393-6396	4.9	33
179	A Wide-Band Wide-Beam Dielectric Resonator Antenna. <i>Recent Advances in Electrical and Electronic Engineering</i> , 2018 , 11, 397-401	0.3	1
178	3.5-0Hz High-Efficiency Broadband Asymmetric Doherty Power Amplifier for 5G Applications 2018 ,		2
177	A C-band GaAs Doherty Power Amplifier MMIC with Compact Size and 1-GHz Bandwidth 2018 ,		1
176	A Compact and Broadband Ka-band Asymmetrical GaAs Doherty Power Amplifier MMIC for 5G Communications 2018 ,		12

175	Planar Air-Filled Terahertz Antenna Array Based on Channelized Coplanar Waveguide Using Hierarchical Silicon Bulk Micromachining. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5318-5325	4.9	14
174	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 3419-3432	4.1	89
173	Linear Multibeam Transmitarray Based on the Sliding Aperture Technique. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3948-3958	4.9	9
172	An Energy-Efficient Ka / Q Dual-Band Power Amplifier MMIC in 0.1- μm GaAs Process. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 28, 530-532	2.6	15
171	High-gain and low-profile microstrip antenna using slot-loaded TM ₅₀ mode 2018 ,		3
170	Bidirectional same-sense circularly polarized antenna using slot-coupled back-to-back patches. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 645-648	1.2	11
169	Pattern synthesis for equal-gain coverage in air-to-ground communication. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 750-753	1.2	
168	Air-Filled Long Slot Leaky-Wave Antenna Based on Folded Half-Mode Waveguide Using Silicon Bulk Micromachining Technology for Millimeter-Wave Band. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 3409-3418	4.9	22
167	Low Computational Complexity Digital Predistortion Based on Direct Learning With Covariance Matrix. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 4274-4284	4.1	16
166	Omnidirectional Dual-Polarized Antenna With Sabre-Like Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 3221-3225	4.9	19
165	Generating and Measuring Tunable Orbital Angular Momentum Radio Beams With Digital Control Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 899-902	4.9	16
164	Concurrent dual-band digital predistortion implemented with reduced look-up-tables. <i>Electronics Letters</i> , 2017 , 53, 802-804	1.1	2
163	A Fixed-Beam Leaky-Wave Cavity-Backed Slot Antenna Manufactured by Bulk Silicon MEMS Technology. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4399-4405	4.9	20
162	Magnetic current synthesis using cavity structures 2017 ,		1
161	Broadband and Low-Profile Microstrip Antenna Using Strip-Slot Hybrid Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 3118-3121	3.8	23
160	Low-Sidelobe Air-Filled Slot Array Fabricated Using Silicon Micromachining Technology for Millimeter-Wave Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4067-4074	4.9	19
159	A Millimeter-Wave Micromachined Air-Filled Slot Antenna Fed by Patch. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 7, 1683-1690	1.7	13
158	Systematic Crest Factor Reduction and Efficiency Enhancement of Dual-Band Power Amplifier Based Transmitters. <i>IEEE Transactions on Broadcasting</i> , 2017 , 63, 111-122	4.7	11

157	A Dual-Beam Eight-Element Antenna Array With Compact CPWG Crossover Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1269-1272	3.8	8
156	The propagation of pulse in dispersive linear systems. <i>IET Microwaves, Antennas and Propagation</i> , 2017 , 11, 1754-1759	1.6	
155	Horizontally Polarized Omnidirectional Antenna Array Using Cascaded Cavities. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 5454-5459	4.9	23
154	A Broadband Doherty Power Amplifier Based on Continuous-Mode Technology. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 4505-4517	4.1	83
153	Low Feedback Sampling Rate Digital Predistortion for Wideband Wireless Transmitters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 3528-3539	4.1	29
152	60-GHz Air Substrate Leaky-Wave Antenna Based on MEMS Micromachining Technology. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 1656-1662	1.7	21
151	Wideband Triangular-Cavity-Cascaded Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 2840-2847	4.9	8
150	A Dual-Environment Active RFID Tag Antenna Mountable on Metallic Objects. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 1759-1762	3.8	5
149	MIMO Mobile Handset Antenna Merging Characteristic Modes for Increased Bandwidth. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 2660-2667	4.9	64
148	Compact all-metallic cavity-cascaded antenna. <i>Electronics Letters</i> , 2016 , 52, 413-414	1.1	12
147	All-Metal Antenna Array Based on Microstrip Line Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 351-355	4.9	19
146	Hybrid cylindrical dielectric resonator antenna with monopole for tri-polarized operation. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 635-638	1.2	1
145	An experimental system for generating and identifying tunable orbital angular momentum in radio 2016 ,		2
144	Two designs of bidirectional same-sense circularly polarized antennas with cavity structures 2016 ,		1
143	Dual-layered metalens for polarization-agile orbital angular momentum waves 2016 ,		1
142	A Hemispherical 3-D Null Steering Antenna for Circular Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 803-806	3.8	25
141	Planar Printed Multi-Resonant Antenna for Octa-Band WWAN/LTE Mobile Handset. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1734-1737	3.8	30
140	Compact Single-Feed Dual-Mode Antenna for Active RFID Tag Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5190-5194	4.9	6

139	Annular Column Loaded Cylindrical Dielectric Resonator Antenna for Wideband Conical Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5874-5878	4.9	15
138	A Novel Low-Profile Hepta-Band Handset Antenna Using Modes Controlling Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 799-804	4.9	29
137	Micromachined 60 GHz postsupported patch antenna with flip-chip interconnect. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2706-2710	1.2	1
136	A three-layer transmitarray element with 360° phase range 2015 ,		1
135	A novel focusing lens conical horn antenna loaded with dielectric 2015 ,		3
134	Dual-port planar MIMO antenna with ultra-high isolation and orthogonal radiation patterns. <i>Electronics Letters</i> , 2015 , 51, 7-8	1.1	12
133	Wideband substrate integrated waveguide cavity-backed spiral-shaped patch antenna. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 332-337	1.2	4
132	2-D Planar Scalable Dual-Polarized Series-Fed Slot Antenna Array Using Single Substrate. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 2280-2283	4.9	18
131	Efficient Pruning Technique of Memory Polynomial Models Suitable for PA Behavioral Modeling and Digital Predistortion. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 2290-2299	4.1	19
130	Array of spatial power combination for wide angle sector coverage. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2990-2993	1.2	
129	A Wideband Isotropic Radiated Planar Antenna Using Sequential Rotated L-Shaped Monopoles. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 1461-1464	4.9	42
128	Ultra-Compact Three-Port MIMO Antenna With High Isolation and Directional Radiation Patterns. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1545-1548	3.8	35
127	A Wideband Sequential-Phase Fed Circularly Polarized Patch Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 3890-3893	4.9	92
126	Wideband tri-port MIMO antenna with compact size and directional radiation pattern. <i>Electronics Letters</i> , 2014 , 50, 1261-1262	1.1	12
125	A Circularly Polarized Pattern Diversity Antenna for Hemispherical Coverage. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5365-5369	4.9	26
124	Design of Omnidirectional Dual-Polarized Antenna in Slender and Low-Profile Column. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 2323-2326	4.9	35
123	Improved Main-Beam Nulling Through Single Switchable Displaced Element for Small Scale Adaptive Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 2522-2530	4.9	4
122	A Wideband High-Isolated Dual-Polarized Patch Antenna Using Two Different Balun Feedings. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1617-1619	3.8	43

121	A planar reconfigurable antenna with bidirectional end-fire and broadside radiation patterns. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1942-1946	1.2	2
120	A Simplified Hemispherical 2-D Angular Space Null Steering Approach for Linearly Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1628-1631	3.8	10
119	Compact helical antenna with small ground fed by spiral-shaped microstrip line. <i>Electronics Letters</i> , 2014 , 50, 336-338	1.1	3
118	A bidirectional waveguide antenna with polarization reconfigurable capability. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 422-427	1.2	6
117	Study of a planar magnetic-electric dipole antenna 2014 ,		1
116	Wideband unidirectional circularly polarised slot array with integrated feeding network. <i>Electronics Letters</i> , 2014 , 50, 1039-1040	1.1	7
115	Metallic short backfire antenna with halved size and wideband characteristics. <i>Electronics Letters</i> , 2014 , 50, 907-908	1.1	1
114	A Novel Null Scanning Antenna Using Even and Odd Modes of a Shorted Patch. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 1903-1909	4.9	43
113	A wideband circularly polarized metallic cavity antenna fed with an L-shaped probe. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2398-2403	1.2	2
112	A compact wideband quad-element planar antenna for WiMAX MIMO Application 2014 ,		1
111	A concurrent dual-band 1.9-2.6-GHz Doherty power amplifier with Intermodulation impedance tuning 2014 ,		1
110	Fabrication and Measurement Techniques of Wearable and Flexible Antennas. <i>WIT Transactions on State-of-the-art in Science and Engineering</i> , 2014 , 7-23		2
109	Dual-Band Circularly Polarized Rotated Patch Antenna With a Parasitic Circular Patch Loading. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 492-495	3.8	37
108	. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 1443-1447	4.9	75
107	A Low-Cost Dual-Polarized Array Antenna Etched on a Single Substrate. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 265-268	3.8	22
106	Design of A CPW-FED C-Shaped Slot Array Antenna for Coal Mine/Tunnel Applications. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1784-1789	1.2	5
105	Design of a Ring Probe-Fed Metallic Cavity Antenna for Satellite Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4836-4839	4.9	12
104	A Wideband Dual-Polarized Slot Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 1010-1013	3.8	22

103	Enhanced Analysis and Design Method of Concurrent Dual-Band Power Amplifiers With Intermodulation Impedance Tuning. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2013 , 61, 4544-4558	4.1	43
102	A Waveguide Antenna With Bidirectional Circular Polarizations of the Same Sense. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 559-562	3.8	19
101	Design of Compact Dual-Band Power Dividers With Frequency-Dependent Division Ratios Based on Multisection Coupled Line. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2013 , 3, 467-475	1.7	25
100	Bidirectional rectangular ring antenna for coal mine/tunnel communication. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1412-1416	1.2	3
99	A Dual-Loop Antenna in a Cage Structure for Horizontally Polarized Omnidirectional Pattern. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 1252-1255	3.8	4
98	A Broadband Patch Antenna With Tripolarization Using Quasi-Cross-Slot and Capacitive Coupling Feed. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 832-835	3.8	22
97	A novel design method of concurrent dual-band power amplifiers including impedance tuning at inter-band modulation frequencies 2013 ,		3
96	A Bidirectional Left-Hand Circularly Polarized Antenna Using Dual Rotated Patches. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 2044-2047	1.2	11
95	A dual-band circularly-polarized stacked patch antenna with a small frequency-ratio 2013 ,		2
94	A Bidirectional High-Gain Cascaded Ring Antenna for Communication in Coal Mine. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 761-764	3.8	18
93	Compact dielectric-resonator-on-patch antenna with bandwidth enhancement. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 66-71	1.2	3
92	A Compact Eighteen-Port Antenna Cube for MIMO Systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 445-455	4.9	25
91	Small-Scale Variations of Cross-Polar Discrimination in Nakagami-m Fading Channels. <i>IEEE Communications Letters</i> , 2012 , 16, 1820-1823	3.8	3
90	Compact Asymmetrical T-Shaped Dielectric Resonator Antenna for Broadband Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 1611-1615	4.9	58
89	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2702-2710	4.9	91
88	A Bidirectional Endfire Array With Compact Antenna Elements for Coal Mine/Tunnel Communication. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 342-345	3.8	22
87	A Compact Wideband Microstrip Crossover. <i>IEEE Microwave and Wireless Components Letters</i> , 2012 , 22, 254-256	2.6	53
86	High-gain hybrid monopole dielectric resonator antenna 2012 ,		2

85	Polarization reconfigurable dielectric resonator antenna with a CPW-to-slotline feed 2012 ,		2
84	A compact common-mode filter for GHz differential signals using defected ground structure and shorted microstrip stubs 2012 ,		3
83	Design of a Wideband Horizontally Polarized Omnidirectional Printed Loop Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 49-52	3.8	70
82	Axial Ratio Bandwidth Enhancement of 60-GHz Substrate Integrated Waveguide-Fed Circularly Polarized LTCC Antenna Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 4619-4626	4.9	136
81	Design of Dual-Polarized Monopole-Slot Antenna With Small Volume and High Isolation. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2511-2514	4.9	20
80	Compact Azimuthal Omnidirectional Dual-Polarized Antenna Using Highly Isolated Colocated Slots. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 4037-4045	4.9	83
79	Investigation of a New Radiating Mode and the Traditional Dominant Mode in Rectangular Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 909-912	3.8	5
78	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3165-3173	4.9	21
77	Low sampling rate digital predistortion of power amplifier assisted by bandpass RF filter 2012 ,		1
76	A Beam-Switching Antenna Array With Shaped Radiation Patterns. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 818-821	3.8	18
75	A Compact Hepta-Band Loop-Inverted F Reconfigurable Antenna for Mobile Phone. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 389-392	4.9	128
74	ISM 433-MHz Miniaturized Antenna Using the Shielding Box of Mobile Terminals. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 330-333	3.8	5
73	Isotropic Radiation From a Compact Planar Antenna Using Two Crossed Dipoles. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1338-1341	3.8	36
72	An electrically large circularly polarized metallic cavity antenna with wide beamwidth for satellite applications 2012 ,		5
71	Diversity Measurements for On-Body Channels Using a Tri-Polarization Antenna at 2.45 GHz. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1285-1288	3.8	11
70	High efficiency and wide band CLASS-J power amplifier using 2nd harmonic microstrip stub matching 2012 ,		1
69	Forward behavioral modeling of concurrent dual-band power amplifiers using extended real valued time delay neural networks 2012 ,		3
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