

# Xiao-Wei Zhu

## List of Publications by Year in descending order

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178  
papers

1,380  
citations

430754

18  
h-index

414303

32  
g-index

180  
all docs

180  
docs citations

180  
times ranked

1229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital Predistortion for Concurrent Dual-Band Millimeter Wave Analog Multibeam Transmitters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1747-1751.	2.2	5
2	Design of broadband RF transceiver front-end using highly selective diplexer and high $Q$ -factor hybrid resonator bandpass filters. Journal of Electromagnetic Waves and Applications, 2022, 36, 366-377.	1.0	2
3	Dual-Band Substrate Integrated Waveguide Filters With Perturbed Circular Cavity. IEEE Microwave and Wireless Components Letters, 2022, 32, 293-296.	2.0	14
4	Self-Sensing Digital Predistortion of RF Power Amplifiers for 6G Intelligent Radio. IEEE Microwave and Wireless Components Letters, 2022, 32, 475-478.	2.0	9
5	Highly Efficient Wideband GaN MMIC Doherty Power Amplifier Considering the Output Capacitor Influence of the Peaking Transistor in Class-C Operation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1932-1942.	3.5	11
6	Harmonic Suppression of a Three-Stage 25–31-GHz GaN MMIC Power Amplifier Using Elliptic Low-Pass Filtering Matching Network. IEEE Microwave and Wireless Components Letters, 2022, 32, 551-554.	2.0	16
7	Optimization design of fragment-type filtering matching network for continuous inverse class-F power amplifier. IEEE Electronics Express, 2022, 19, 20220043-20220043.	0.3	5
8	A sixth-order SIW bandpass filter based on combining single- and dual-mode cavities with high selectivity at Ka-band. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	0.8	1
9	A 9-dB back-off dual-band asymmetric Doherty power amplifier using dual peaking amplifiers for reactance compensation. Microwave and Optical Technology Letters, 2022, 64, 1145-1153.	0.9	1
10	A 30-W GaN Quasi-MMIC Doherty Power Amplifier Based on All-Distributed Inductors Load Network. , 2022, , .		1
11	Downlink Wideband Channel Estimation for Asymmetrical Full-Digital System. IEEE Wireless Communications Letters, 2022, 11, 1830-1834.	3.2	1
12	A 24–28-GHz GaN MMIC Synchronous Doherty Power Amplifier With Enhanced Load Modulation for 5G mm-Wave Applications. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3910-3922.	2.9	19
13	2-Element Slot Antenna Array Based on Substrate Integrated Waveguide at Q-band. , 2021, , .		1
14	A broadband GaN HEMT power amplifier based on feeding capacitance compensation method. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22543.	0.8	2
15	Data-Clustering-Assisted Digital Predistortion for 5G Millimeter-Wave Beamforming Transmitters With Multiple Dynamic Configurations. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 1805-1816.	2.9	11
16	Design of wideband high-efficiency power amplifier based on continuous inverse modes. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22703.	0.8	1
17	Design Methodology Using Single Resonate Block for Harmonic Impedance Matching in GaN MMIC Doherty Amplifier. IEEE Microwave and Wireless Components Letters, 2021, 31, 397-400.	2.0	11
18	Q-band dual-mode substrate integrated waveguide filter and diplexer with circular cavity. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22691.	0.8	5

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19	A circularly polarized <sc>Fabryâ€Perot</sc> resonant cavity antenna using frequency selective surface <sc>â€based</sc> partial reflecting surface. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22735.	0.8	4
20	Q/V Dual-Band Filter with Perturbation in Single Substrate Integrated Waveguide Circular Cavity. , 2021, , .		2
21	Modified loadâ€modulation network with two <i>â€type highâ€pass equivalent Î»/4 lines for wideband compact GaN MMIC Doherty power amplifier design. Electronics Letters, 2021, 57, 639-641.	0.5	2
22	Bandwidthâ€extended singleâ€input switchable Doherty power amplifier based on dual compensating reactance with adjusted drain voltage. IET Microwaves, Antennas and Propagation, 2021, 15, 1577-1593.	0.7	4
23	Linearization Angle Widened Digital Predistortion for 5G MIMO Beamforming Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5008-5020.	2.9	9
24	Enhancing the Efficiency of PA with Envelope Tracking Power Supply Triggering Synchronization. , 2021, , .		0
25	A 2Ã—2 Dual-Polarized Magneto-Electric Dipole Antenna Array at 28 GHz. , 2021, , .		1
26	Measurement method for characterizing a millimeter-wave traveling-wave power combiner using <i>in-situ</i> test accessories. International Journal of Microwave and Wireless Technologies, 2020, 12, 48-57.	1.5	0
27	3Dâ€printed cylindrical Luneburg lens antenna for millimeterâ€wave applications. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e21994.	0.8	8
28	Single-Receiver Over-the-Air Digital Predistortion for Massive MIMO Transmitters With Antenna Crosstalk. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 301-315.	2.9	28
29	Patch Antenna Loaded With Paired Shorting Pins and H-Shaped Slot for 28/38 GHz Dual-Band MIMO Applications. IEEE Access, 2020, 8, 23705-23712.	2.6	50
30	A Novel E-plane-Focused Cylindrical Luneburg Lens Loaded With Metal Grids for Sidelobe Level Reduction. IEEE Transactions on Antennas and Propagation, 2020, 68, 736-744.	3.1	18
31	A Circularly Polarized Horn Antenna Based on an FSS Polarization Converter. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 277-281.	2.4	12
32	Metasurface-Based Circularly-Polarized Multibeam Reflect-/Transmit-Arrays. , 2020, , .		2
33	Over-the-air Behavioral Modeling of Millimeter Wave Beamforming Transmitters with Concurrent Dynamic Configurations Utilizing Heterogenous Neural Network. , 2020, , .		5
34	Compact 2â€18GHz onâ€chip balun based on centrosymmetric spiral transformers. Electronics Letters, 2020, 56, 229-230.	0.5	1
35	Design and Implementation of a Full-Digital Beamforming Array With Nonreciprocal Tx/Rx Beam Patterns. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1978-1982.	2.4	19
36	Linear-Decomposition Digital Predistortion of Power Amplifiers for 5G Ultrabroadband Applications. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2833-2844.	2.9	14

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37	Systematic design of 7â€”40â€”GHz onâ€”chip mixer based on optimal impedance deviation coefficient. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22144.	0.8	0
38	Circularly Polarized Implantable Antenna With Improved Impedance Matching. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 876-880.	2.4	33
39	Circularly Polarized Fabryâ€”Perot Resonant Cavity based on Frequency Selective Surface. , 2020, , .		0
40	Recent Development of Microwave and Millimeter-Wave Dual-Circularly-Polarized Arrays. , 2020, , .		1
41	Bandpass Filter Design based on Eighth-Mode SIW. , 2020, , .		2
42	Flexible Behavioral Model for Multi-Antenna Transmitters with Low Complexity. , 2020, , .		1
43	Integrated Bandwidth Reduction and Shaping Technique for Wideband Millimeter Wave Envelope Tracking Power Amplifier with Digital Predistortion. , 2020, , .		2
44	Dual-Mode Substrate Integrated Waveguide Circular Cavity Filter Designed at Q-Band. , 2020, , .		2
45	Operation Modes Switchable Doherty Power Amplifier with Back-off Efficiency Reconfiguration. , 2020, , .		3
46	1.34â€”16.37â€”GHz onâ€”chip balun based on asymmetric stacked spiral transformers. Electronics Letters, 2020, 56, 121-123.	0.5	2
47	Super-Resolution Imaging Method for Millimeter Wave Synthetic Aperture Interferometric Radiometer. IEICE Transactions on Information and Systems, 2020, E103.D, 2011-2014.	0.4	0
48	Compact and Low-Phase-Noise Oscillator Employing Multilayer Sixteenth-Mode Substrate-Integrated Waveguide Filter for 5G Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1863-1871.	1.4	10
49	Design and Experiment of Filtering Power Divider Based on Shielded HMSIW/QMSIW Technology for 5G Wireless Applications. IEEE Access, 2019, 7, 72411-72419.	2.6	22
50	mm-Wave Waveguide Traveling-Wave Power Combiner Design Using an Equivalent Circuit Model. IEEE Access, 2019, 7, 88327-88337.	2.6	3
51	High-Order Modes Analysis of Complex Plasmonic Surface Using the Field-Network Joint Solution. IEEE Access, 2019, 7, 129734-129740.	2.6	2
52	Highly-selective and Compact Bandpass Filters Using Microstrip â€” Coaxial Resonator. , 2019, , .		5
53	Full-Angle Digital Predistortion of 5G Millimeter-Wave Massive MIMO Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2847-2860.	2.9	71
54	Analysis of Eighth-Mode Substrate-Integrated Waveguide Cavity and Flexible Filter Design. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 2701-2712.	2.9	48

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55	A Metasurface-Based Multilayer Wideband Circularly Polarized Patch Antenna Array With a Parallel Feeding Network for Q-Band. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1208-1212.	2.4	27
56	2018 IEEE International Workshop on Antenna Technology [Meeting Reports]. IEEE Antennas and Propagation Magazine, 2019, 61, 9-11.	1.2	0
57	Pattern Sensing Based Digital Predistortion of RF Power Amplifiers under Dynamical Signal Transmission. , 2019, , .		2
58	A Two-path Output Low Phase Noise Local Oscillator for RF Front-end Applications. , 2019, , .		1
59	A 20MHz Supply Modulator Designed for Envelope Tracking Power Amplifier at 42GHz. , 2019, , .		1
60	K-band Free-Running Oscillator Employing Single-Layered Dual-Mode Air-Filled Substrate Integrated Waveguide Filter. , 2019, , .		1
61	Design of Q-band Transceiver Front-end Module. , 2019, , .		0
62	An X-band push-push oscillator with parallel feedback configuration designed by microstrip balanced bandpass filter. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21663.	0.8	3
63	Improved Three-Stage Doherty Amplifier Design With Impedance Compensation in Load Combiner for Broadband Applications. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 778-786.	2.9	78
64	A Compact Single-Layer Q-Band Tapered Slot Antenna Array With Phase-Shifting Inductive Windows for Endfire Patterns. IEEE Transactions on Antennas and Propagation, 2019, 67, 169-178.	3.1	26
65	Digital predistortion of phased array transmitters with multi-channel time delay. , 2018, , .		8
66	A Novel Diplexer Integrated With a Shielding Case Using High Q-Factor Hybrid Resonator Bandpass Filters. IEEE Microwave and Wireless Components Letters, 2018, 28, 215-217.	2.0	8
67	A postmatching concurrent dual-band Doherty power amplifier with enhanced bandwidth. International Journal of RF and Microwave Computer-Aided Engineering, 2018, 28, e21514.	0.8	5
68	Design of Cruciform Directional Coupler with Capacitive Slots Based on SIW. , 2018, , .		1
69	Blind Restoration Method for Near-field Millimeter-wave SAIR. , 2018, , .		0
70	High-Precision Joint In-Band/Out-of-Band Distortion Compensation Scheme for Wideband RF Power Amplifier Linearization. IEEE Microwave and Wireless Components Letters, 2018, 28, 1044-1046.	2.0	5
71	Cosine Matching Imaging Method for Rotating Scanning Synthesis Aperture Imaging Radiometer. Mathematical Problems in Engineering, 2018, 2018, 1-10.	0.6	0
72	A Doherty Power Amplifier with Large Back-Off Power Range Using Integrated Enhancing Reactance. Wireless Communications and Mobile Computing, 2018, 2018, 1-8.	0.8	3

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73	A Dual-Input Canonical Piecewise-Linear Function-Based Model for Digital Predistortion of Multi-Antenna Transmitters. , 2018, , .		7
74	Design of Balanced Mixer with 180 Degrees Hybrid Network Based on Cruciform Coupler. , 2018, , .		0
75	An Overview of China Millimeter-Wave Multiple Gigabit Wireless Local Area Network System. IEICE Transactions on Communications, 2018, E101.B, 262-276.	0.4	8
76	Digital Predistortion of Ultra-Broadband mmWave Power Amplifiers with Limited Tx/Feedback Loop/Baseband Bandwidth. Wireless Communications and Mobile Computing, 2018, 2018, 1-11.	0.8	11
77	Minimum pulse reservation-based switching frequency reduction for wideband supply modulated power amplifiers. Electronics Letters, 2018, 54, 1009-1011.	0.5	0
78	General G-matrix imaging method for near-field millimeter-wave SAIR with any arrays. , 2018, , .		1
79	Quarter-mode circular cavity substrate integrated waveguide filtering power divider with via-holes perturbation. Electronics Letters, 2017, 53, 791-793.	0.5	38
80	Near-band digital predistortion for wideband power amplifiers with mmWave non-contiguous carrier aggregation. Electronics Letters, 2017, 53, 1366-1368.	0.5	4
81	Q-band linear power amplifier for backhaul application. , 2016, , .		1
82	FPGA implementation of sideband distortion suppression for millimeter wave transmitter at Q-band. , 2016, , .		0
83	Design of Q-band transmitter RF front-end module. , 2016, , .		1
84	A channelized sideband distortion model for suppressing unwanted emission of Q-band millimeter wave transmitters. , 2016, , .		4
85	Design and implementation of a 16-channel amplitude tunable two-tone digital phase shifter. , 2016, , .		0
86	The 2015 Asia-Pacific Microwave Conference [Conference Report]. IEEE Microwave Magazine, 2016, 17, 86-88.	0.7	0
87	Two-pole bandpass filter using new hybrid resonator. , 2015, , .		4
88	Dual polarized electrically adjustable antenna for mobile communication base station. , 2015, , .		0
89	K-band tunable phase shifter with microstrip line structure using BST technology. , 2015, , .		4
90	A nonlinear filter-based model for concurrent dual-band power amplifiers. , 2015, , .		0

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91	Broadband dual-polarized planar antenna and array for mobile communication base station. , 2015, , .		4
92	Design of modulation and demodulation module with digital interface based on tri-networks integration. , 2015, , .		0
93	A novel digital pre-distortion technique for linearizing subcarrier polymerization dual-band dual-mode power amplifiers. , 2015, , .		0
94	Digitally-controlled high-efficiency series form switch-linear hybrid supply modulator for envelope tracking power amplifiers. , 2015, , .		2
95	Modeling and linearization of power amplifiers for concurrent dual-band differing in power. , 2015, , .		0
96	A General Synthesis Approach of Coupling Matrix With Arbitrary Reference Impedances. IEEE Microwave and Wireless Components Letters, 2015, 25, 349-351.	2.0	10
97	Realization of frequency synthesis with phase-tunable channels in circuit level for LTE wireless channel simulator. , 2015, , .		0
98	Design of low phase noise and wideband frequency synthesizer from 31.25MHz to 8GHz. , 2015, , .		1
99	Analysis of Weakly Nonlinear Effect for Varactor-Tuned Bandpass Filter. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3641-3650.	2.9	1
100	Digital predistortion of RF power amplifiers with Zhu's general sampling theorem. , 2015, , .		0
101	Doherty power amplifier with enhanced in-band load modulation for 100 MHz LTE advanced application. Microwave and Optical Technology Letters, 2015, 57, 391-395.	0.9	1
102	Broadband Continuous Class- $F$ Amplifier With Modified Harmonic-Controlled Network for Advanced Long Term Evolution Application. IEEE Microwave and Wireless Components Letters, 2015, 25, 250-252.	2.0	53
103	Single-Model Single-Feedback Digital Predistortion for Concurrent Multi-Band Wireless Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2211-2224.	2.9	18
104	A new form of polynomial model for concurrent dual-band digital predistortion. , 2015, , .		4
105	Highly Efficient Concurrent Power Amplifier With Controllable Modes. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 4051-4060.	2.9	14
106	A DISTINCTIVE METHOD OF ELIMINATING OUT-BAND INSTABILITY IN CASCADED ACTIVE DEVICE SYSTEM BASED ON NARROW-BAND ATTENUATION. Progress in Electromagnetics Research Letters, 2014, 48, 59-65.	0.4	0
107	Design of a low phase noise oscillator based on high Q tunable dielectric resonator. , 2014, , .		0
108	Synthesis Design of Box-Section Bandpass Filter With Hybrid $\lambda/4$ and Dual-Mode Resonators. IEEE Microwave and Wireless Components Letters, 2014, 24, 836-838.	2.0	16

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109	Broadband and miniature frequency synthesizer with triple-VCO for LTE wireless channel simulator. , 2014, , .		0
110	Compact tunable dual-band filter with mixed coupling. , 2014, , .		2
111	A wide-band dual polarization microstrip antenna for TD-LTE applications. , 2014, , .		2
112	Highly-Selective Tunable Bandpass Filter With Two-Path Mixed Coupling. IEEE Microwave and Wireless Components Letters, 2014, 24, 451-453.	2.0	21
113	High efficiency broadband multi-Mode transferred power amplifier for LTE and 3G applications. , 2014, , .		1
114	Wideband slot antenna for LTE indoor distribution applications. , 2014, , .		2
115	Two-pole two-path tunable bandpass filter with multiple transmission zeros. , 2014, , .		0
116	Doherty power amplifiers with improved load modulation for 100 MHz LTE-advanced application. , 2014, , .		0
117	A novel compact circularly polarized horn antenna. , 2014, , .		12
118	A Linearized 2â€“3.5 GHz Highly Efficient Harmonic-Tuned Power Amplifier Exploiting Stepped-Impedance Filtering Matching Network. IEEE Microwave and Wireless Components Letters, 2014, 24, 602-604.	2.0	54
119	A Nonlinear Filter-Based Volterra Model With Low Complexity for Wideband Power Amplifiers. IEEE Microwave and Wireless Components Letters, 2014, 24, 203-205.	2.0	14
120	High-Efficiency GaN Doherty Power Amplifier for 100-MHz LTE-Advanced Application Based on Modified Load Modulation Network. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2911-2921.	2.9	112
121	A compact dual mode tunable filter with source and load coupling. , 2013, , .		1
122	Investigation of wideband synthesizer covering 16GHz to 32GHz. , 2013, , .		0
123	Efficiency enhanced class-F Doherty power amplifier at 3.5GHz for LTE-Advanced application. , 2013, , .		8
124	Linearized asymmetrical GaN Doherty power amplifier with 100 MHz instantaneous bandwidth at 3.5GHz. , 2013, , .		3
125	Study of RF Subsystem Used in Dynamic Spectrum Sharing System at TV Band. IEEE Transactions on Industrial Electronics, 2013, 60, 2346-2357.	5.2	11
126	Low-loss compact dual-band filter with dual mode resonator. , 2013, , .		0



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127	Single-Layered SIW Post-Loaded Electric Coupling-Enhanced Structure and Its Filter Applications. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 125-130.	2.9	74
128	Anti-interference improvement of reconfigurable zero-IF RF receiver based on tunable filter array computation. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2013, 32, 711-720.	0.5	0
129	A broadside-coupled feeding planar multiband antenna. , 2013, , .		1
130	Design of highly selective open-loop tunable bandpass filters with wide tuning range. , 2013, , .		1
131	Tunable bandpass filter with low-loss and enhanced selectivity based on controllable coupled negative resistance. Electronics Letters, 2013, 49, 1544-1545.	0.5	4
132	Combined memory polynomial model for Doherty power amplifiers with memory effects. , 2012, , .		3
133	Design of the varactor-tuned bandpass hexagonal resonator filter with source-load coupling. , 2012, , .		0
134	Design of compact dual-mode open-loop microstrip filter. , 2012, , .		0
135	A compact low-loss tunable filter with mixed electric and magnetic coupling. , 2012, , .		5
136	Design of 100MHz wideband Doherty amplifier for 1.95GHz LTE-Advanced application. , 2012, , .		0
137	Development of a single board microwave sub-system based on substrate integrated waveguide (SIW) technology. , 2012, , .		2
138	Research advances in microwave and millimeter wave circuits and systems in the SKLMMW. , 2012, , .		2
139	A wideband digital pre-distortion platform with 100 MHz instantaneous bandwidth for LTE-advanced applications. , 2012, , .		18
140	Design of wideband planar power dividers/combiners. , 2012, , .		1
141	Broadband suspended patch antenna fed by co-planar double L-probes. , 2012, , .		3
142	Narrow-band bandpass filter with enhanced Q and selectivity based on coupled negative resistance. , 2012, , .		1
143	A parallel feeding omnidirectional array antenna. , 2012, , .		2
144	Highly efficient unsymmetrical doherty power amplifier with DPD for LTE application. Microwave and Optical Technology Letters, 2012, 54, 2352-2356.	0.9	3

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145	Tunable narrowband bandpass filter using higher order microstrip ring resonator. , 2011, , .		0
146	Digital predistorted inverse class-F GaN PA with novel PAPR reduction technique. , 2011, , .		1
147	Loss compensated high-Q tunable basspass filter using microstrip ring resonators. , 2011, , .		0
148	High-suppression three-pole tunable band-pass filter using square open-loop resonator. , 2011, , .		0
149	A novel co-planar L-probe designed to feed patch antenna. , 2011, , .		1
150	A High-Isolation Dual-Polarization Microstrip Patch Antenna With Quasi-Cross-Shaped Coupling Slot. IEEE Transactions on Antennas and Propagation, 2011, 59, 2713-2717.	3.1	60
151	Design of RF subsystem for dynamic spectrum sharing system in UHF band. Microwave and Optical Technology Letters, 2011, 53, 2093-2100.	0.9	4
152	A high sensitivity and wide dynamic range zero-IF RF receiver for cognitive radio application. Journal of Electronics, 2010, 27, 696-700.	0.2	1
153	A low EVM zero-IF RF transmitter for cognitive radio application. Journal of Electronics, 2010, 27, 723-727.	0.2	0
154	Analysis and design of class-EE power amplifier using equivalent LDMOS model with drift region effect. Microwave and Optical Technology Letters, 2010, 52, 1836-1842.	0.9	2
155	Efficiency-enhanced inverted Doherty power amplifier with class-E peaking amplifier. , 2010, , .		0
156	Design of dual band band-pass filter using defected ground structure. , 2010, , .		2
157	A new printed dipole array omnidirectional antenna with bandwidth enhancement. , 2010, , .		1
158	UWB antenna with multiple frequency notched bands for onboard communications. , 2009, , .		3
159	Half-mode substrate integrated waveguide (HMSIW) directional filter with complementary split ring resonator (CSRR). , 2009, , .		1
160	Measurement and characterization of wideband channel for in-vehicle environment. , 2009, , .		4
161	Vector Hole Punching Technique for OFDM Signals Using Circle-Tangent Shift and Unused Tones. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2682-2691.	2.9	4
162	Analysis and design of novel dual-band branch line coupler with patterned ground plane. Microwave and Optical Technology Letters, 2009, 51, 1000-1005.	0.9	2

#	ARTICLE	IF	CITATIONS
163	Millimeter-wave reconfigurable antenna with polarization and angle diversity. , 2009, , .		4
164	Design of Ka-band half mode substrate integrated waveguide (HMSIW) mixer. , 2009, , .		11
165	Multiband Antennas Comprising Multiple Frame-Printed Dipoles. IEEE Transactions on Antennas and Propagation, 2009, 57, 3313-3316.	3.1	19
166	Dualband bidirectional printed arrays with V-shaped dipoles. , 2008, , .		0
167	Analysis and simulation of feedback capacitance effect in Class-E power amplifiers. , 2008, , .		2
168	Design and realization of a highly integrated IEEE802.11n wireless access point radio. , 2008, , .		1
169	Performance Improvement of Power Amplifiers with Digital Linearization Technology. , 2007, , .		7
170	Design of Broad Band Arrays of Printed Dipoles. , 2007, , .		2
171	Research Advances on RF Technologies for 3G/B3G Mobile Communications. IEEE MTT-S International Microwave Symposium Digest IEEE MTT-S International Microwave Symposium, 2007, , .	0.0	2
172	Dual-Mode &#x0026; Dual-Band RF module designed based on homodyne technology. , 2006, , .		1
173	A novel Digital Adaptive Feedforward Linear Power Amplifier Based On DSP. , 2002, , .		0
174	Q-band injection-locked gunn diode oscillator. Journal of Infrared, Millimeter and Terahertz Waves, 1996, 17, 527-533.	0.6	3
175	Finline L to Q band upconverter. Journal of Infrared, Millimeter and Terahertz Waves, 1995, 16, 1415-1418.	0.6	0
176	Investigations on optically controlled millimeter wave Gunn oscillators. Journal of Infrared, Millimeter and Terahertz Waves, 1993, 14, 347-354.	0.6	0
177	Development of RF Subsystems for MIMO and Beyond 3G Systems. , 0, , .		1
178	<sc>High accuracy filtering&lt;/sc> based envelope generation and digital predistortion for wideband envelope tracking power amplifier. International Journal of RF and Microwave Computer-Aided Engineering, 0, , .	0.8	0