

Wenhua Chen

List of Publications by Year in descending order

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178
papers

2,991
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186265

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179
all docs

179
docs citations

179
times ranked

1720
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dual-Polarization Slot Antenna Using a Compact CPW Feeding Structure. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 191-194.	4.0	158
2	Digital Predistortion for Concurrent Dual-Band Transmitters Using 2-D Modified Memory Polynomials. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 281-290.	4.6	153
3	Design and Linearization of Concurrent Dual-Band Doherty Power Amplifier With Frequency-Dependent Power Ranges. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2537-2546.	4.6	147
4	A Broadband Doherty Power Amplifier Based on Continuous-Mode Technology. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4505-4517.	4.6	125
5	Linearization of Concurrent Dual-Band Power Amplifier Based on 2D-DPD Technique. IEEE Microwave and Wireless Components Letters, 2011, 21, 685-687.	3.2	122
6	Beam-Oriented Digital Predistortion for 5G Massive MIMO Hybrid Beamforming Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 3419-3432.	4.6	120
7	Polarization Reconfigurable Slot Antenna With a Novel Compact CPW-to-Slotline Transition for WLAN Application. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 252-255.	4.0	103
8	A Novel Hybrid-Fed Patch Antenna With Pattern Diversity. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 562-565.	4.0	92
9	A Concurrent Dual-Band Uneven Doherty Power Amplifier with Frequency-Dependent Input Power Division. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 552-561.	5.4	92
10	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.	4.6	78
11	A Robust Augmented Complexity-Reduced Generalized Memory Polynomial for Wideband RF Power Amplifiers. IEEE Transactions on Industrial Electronics, 2014, 61, 2389-2401.	7.9	71
12	Transmitter Architecture for CA: Carrier Aggregation in LTE-Advanced Systems. IEEE Microwave Magazine, 2013, 14, 78-86.	0.8	62
13	Enhanced Analysis and Design Method of Concurrent Dual-Band Power Amplifiers With Intermodulation Impedance Tuning. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4544-4558.	4.6	58
14	Convolutional Neural Network for Behavioral Modeling and Predistortion of Wideband Power Amplifiers. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3923-3937.	11.3	55
15	A Fully Integrated C-Band GaN MMIC Doherty Power Amplifier With High Efficiency and Compact Size for 5G Application. IEEE Access, 2019, 7, 71665-71674.	4.2	53
16	Low Feedback Sampling Rate Digital Predistortion for Wideband Wireless Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3528-3539.	4.6	45
17	A Dual-Band GaN MMIC Power Amplifier With Hybrid Operating Modes for 5G Application. IEEE Microwave and Wireless Components Letters, 2019, 29, 228-230.	3.2	45
18	Linearization for Hybrid Beamforming Array Utilizing Embedded Over-the-Air Diversity Feedbacks. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5235-5248.	4.6	43

#	ARTICLE	IF	CITATIONS
19	Single-PA-feedback digital predistortion for beamforming MIMO transmitter. , 2016, , .		42
20	A Tripolarization Antenna Fed by Proximity Coupling and Probe. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 465-467.	4.0	41
21	Resistive Second-Harmonic Impedance Continuous Class-F Power Amplifier With Over One Octave Bandwidth for Cognitive Radios. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2013, 3, 489-497.	3.6	40
22	A Switchable Matching Circuit for Compact Wideband Antenna Designs. IEEE Transactions on Antennas and Propagation, 2010, 58, 3450-3457.	5.1	38
23	Subsampling Feedback Loop Applicable to Concurrent Dual-Band Linearization Architecture. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 1990-1999.	4.6	36
24	A Triband Shunt-Fed Omnidirectional Planar Dipole Array. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 850-853.	4.0	35
25	Novel Planar Compact Coupled-Line Single-Ended-to-Balanced Power Divider. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 2953-2963.	4.6	35
26	A Compact Ka/Q Dual-Band GaAs MMIC Doherty Power Amplifier With Simplified Offset Lines for 5G Applications. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3110-3121.	4.6	33
27	Doherty PAs for 5G Massive MIMO: Energy-Efficient Integrated DPA MMICs for Sub-6-GHz and mm-Wave 5G Massive MIMO Systems. IEEE Microwave Magazine, 2020, 21, 78-93.	0.8	31
28	An Endfire Beam-Switchable Antenna Array Used in Vehicular Environment. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 195-198.	4.0	29
29	Design of Compact Dual-Band Power Dividers With Frequency-Dependent Division Ratios Based on Multisection Coupled Line. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2013, 3, 467-475.	2.5	29
30	Efficient Pruning Technique of Memory Polynomial Models Suitable for PA Behavioral Modeling and Digital Predistortion. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 2290-2299.	4.6	27
31	A Quad-Band Doherty Power Amplifier Based on T-Section Coupled Lines. IEEE Microwave and Wireless Components Letters, 2016, 26, 437-439.	3.2	23
32	A Quadband Antenna With Reconfigurable Feedings. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1069-1071.	4.0	22
33	Low Computational Complexity Digital Predistortion Based on Direct Learning With Covariance Matrix. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4274-4284.	4.6	22
34	An Energy-Efficient $\frac{K}{Q}$ Dual-Band Power Amplifier MMIC in 0.1- μm GaAs Process. IEEE Microwave and Wireless Components Letters, 2018, 28, 530-532.	3.2	22
35	Augmented Convolutional Neural Network for Behavioral Modeling and Digital Predistortion of Concurrent Multiband Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4142-4156.	4.6	22
36	A High-Efficiency 142-182-GHz SiGe BiCMOS Power Amplifier With Broadband Slotline-Based Power Combining Technique. IEEE Journal of Solid-State Circuits, 2022, 57, 371-384.	5.4	21

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37	A novel broadband Doherty power amplifier with post-matching structure. , 2012, , .		19
38	A Band-Divided Memory Polynomial for Wideband Digital Predistortion With Limited Bandwidth Feedback. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 922-926.	3.0	18
39	Modified Least Squares Extraction for Volterra-Series Digital Predistorter in the Presence of Feedback Measurement Errors. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3559-3570.	4.6	17
40	A Compact and Broadband Ka-band Asymmetrical GaAs Doherty Power Amplifier MMIC for 5G Communications. , 2018, , .		17
41	Power Scalable Beam-Oriented Digital Predistortion for Compact Hybrid Massive MIMO Transmitters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 4994-5006.	5.4	17
42	â€œNewâ€™ solutions of Classâ€ power amplifier with finite dc feed inductor at any duty ratio. IET Circuits, Devices and Systems, 2014, 8, 311-321.	1.4	16
43	Compact coupledâ€line balun with complex impedances transformation and high isolation. IET Microwaves, Antennas and Propagation, 2015, 9, 1587-1594.	1.4	16
44	A 250â€310 GHz Power Amplifier With 15-dB Peak Gain in 130-nm SiGe BiCMOS Process for Terahertz Wireless System. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 1-12.	3.1	16
45	Broadband Three-Stage Pseudoload Modulated Balanced Amplifier With Power Back-Off Efficiency Enhancement. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2710-2722.	4.6	16
46	A compact DVBâ€H antenna with varactorâ€tuned matching circuit. Microwave and Optical Technology Letters, 2010, 52, 1786-1789.	1.4	15
47	Concurrent Multi-Band Envelope Modulated Power Amplifier Linearized Using Extended Phase-Aligned DPD. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 3298-3308.	4.6	15
48	Systematic Crest Factor Reduction and Efficiency Enhancement of Dual-Band Power Amplifier Based Transmitters. IEEE Transactions on Broadcasting, 2017, 63, 111-122.	3.2	15
49	Multi-Stream Spatial Digital Predistortion for Fully-Connected Hybrid Beamforming Massive MIMO Transmitters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2998-3011.	5.4	15
50	Compact dual-polarized antenna combining printed monopole and half-slot antenna for MIMO applications. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	14
51	A Robust and Scalable Harmonic Cancellation Digital Predistortion Technique for HF Transmitters. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 2796-2807.	4.6	14
52	A Fully Integrated 47.6% Fractional Bandwidth GaN MMIC Distributed Efficient Power Amplifier With Modified Input Matching and Power Splitting Network. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3132-3145.	4.6	14
53	An iterative pruning of 2-D digital predistortion model based on normalized polynomial terms. , 2013, , .		13
54	A robust and low sampling rate digital predistortion algorithm for broadband PA modeling and predistortion. , 2014, , .		13

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55	A Novel Doherty Transmitter Based on Antenna Active Load Modulation. IEEE Microwave and Wireless Components Letters, 2015, 25, 271-273.	3.2	13
56	Recognizing a limitation of the TBLC-activated peroxide system on low-temperature cotton bleaching. Carbohydrate Polymers, 2016, 140, 1-5.	10.2	13
57	A 24-29.5 GHz Voltage-Combined Doherty Power Amplifier Based on Compact Low-Loss Combiner. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2342-2346.	3.0	13
58	A Time Misalignment Tolerant 2D-Memory Polynomials Predistorter for Concurrent Dual-Band Power Amplifiers. IEEE Microwave and Wireless Components Letters, 2013, 23, 501-503.	3.2	12
59	Switched-beam antenna array based on butler matrix for 5G wireless communication. , 2016, , .		12
60	Multiband and Multimode Concurrent PA With Novel Intermodulation Tuning Network for Linearity Improvement. IEEE Microwave and Wireless Components Letters, 2018, 28, 248-250.	3.2	12
61	A robust and broadband digital predistortion utilizing negative feedback iteration. , 2018, , .		12
62	Highly Linear and Magnetless Isolator Based on Weakly Coupled Nonreciprocal Metamaterials. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4322-4331.	4.6	12
63	A 200 watt broadband continuous-mode doherty power amplifier for base-station applications. , 2017, , .		11
64	Theory and Design Methodology for Reverse-Modulated Dual-Branch Power Amplifiers Applied to a 4G/5G Broadband GaN MMIC PA Design. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3120-3131.	4.6	11
65	Design of Planar ESPAR Antenna by Using Sidelobe Reduction Algorithm. , 2007, , .		10
66	Analysis and design of tapered slot antenna for ultra-wideband applications. Tsinghua Science and Technology, 2009, 14, 1-6.	6.1	10
67	Joint predistortion of IQ impairments and PA nonlinearity in concurrent dual-band transmitters. , 2012, , .		10
68	Two-dimensional crest factor reduction for performance improvement of concurrent dual-band power amplifiers. Electronics Letters, 2013, 49, 1163-1165.	1.0	10
69	An Efficient Directional Modulation Transmitter With Novel Crest Factor Reduction Technique. IEEE Microwave and Wireless Components Letters, 2019, 29, 554-556.	3.2	10
70	A 24-44 GHz Broadband Transmit-Receive Front End in 0.13- μm SiGe BiCMOS for Multistandard 5G Applications. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3463-3474.	4.6	10
71	A novel switched-sector planar antenna using parasitic elements. , 2004, , .		9
72	A single feedback architecture for dual-band digital predistortion with under-sampling technique. , 2016, , .		9

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73	A compact CPW-FED circular patch antenna with pattern and polarization diversities. <i>Microwave and Optical Technology Letters</i> , 2011, 53, 968-972.	1.4	8
74	Dual-band predistortion linearization of an envelope modulated power amplifier operated in concurrent multi-standard mode. , 2014, , .		8
75	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.	4.6	8
76	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.	3.2	8
77	A 210-GHz Magnetless Nonreciprocal Isolator in 130-nm SiGe BiCMOS Based on Resistor-Free Unidirectional Ring Resonators. <i>IEEE Microwave and Wireless Components Letters</i> , 2020, 30, 524-527.	3.2	8
78	Hybrid Harmonic Cancellation Digital Predistortion With a Feedback Loop Compensation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 2222-2226.	3.0	8
79	A Complexity-Reduced Harmonic-Cancellation Digital Predistortion for HF Transmitters. <i>IEEE Microwave and Wireless Components Letters</i> , 2021, 31, 529-532.	3.2	8
80	High-Efficiency Dual-Band Filtering Doherty Power Amplifier Based on Multi-Function Circuit. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 2697-2709.	4.6	8
81	Novel Design Space of Broadband High-Efficiency Parallel-Circuit Class-EF Power Amplifiers. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 3465-3475.	5.4	8
82	A novel compact reconfigurable polarization and pattern antenna. <i>Microwave and Optical Technology Letters</i> , 2007, 49, 2802-2805.	1.4	7
83	Behavioral modeling for concurrent dual-band power amplifiers using 2D hammerstein/wiener models. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2013, 23, 646-654.	1.2	7
84	A concurrent dual-band 1.9–2.6-GHz Doherty power amplifier with Intermodulation impedance tuning. , 2014, , .		7
85	Digital predistortion for 5G wideband power amplifiers using multiple band-limited feedback signals. , 2017, , .		7
86	Reduced Cost Digital Predistortion Only With In-Phase Feedback Signal. <i>IEEE Microwave and Wireless Components Letters</i> , 2018, 28, 257-259.	3.2	7
87	3.5-0Hz High-Efficiency Broadband Asymmetric Doherty Power Amplifier for 5G Applications. , 2018, , .		7
88	Beam-Oriented Digital Predistortion for Hybrid Beamforming Array Utilizing Over-the-Air Diversity Feedbacks. , 2019, , .		7
89	A Fully Integrated C-band GaN MMIC Doherty Power Amplifier with High Gain and High Efficiency for 5G Application. , 2019, , .		7
90	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> , 2022, 70, 416-431.	4.6	7

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91	2-D Magnitude-Selective Affine Function-Based Digital Predistortion for Concurrent Dual-Band Terminal Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4209-4222.	4.6	7
92	A Highly Linear GaN MMIC Doherty Power Amplifier Based on Phase Mismatch Induced AM-PM Compensation. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1334-1348.	4.6	7
93	Integrated Dual-Band Antenna System Design Incorporating Cell Phone Bezel. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 585-587.	4.0	6
94	Design of asymmetrical spurline filter for a high power sic MESFET class-E power amplifier. Microwave and Optical Technology Letters, 2010, 52, 1650-1652.	1.4	6
95	A 1.1GHz bandwidth, 46%~62% efficiency Continuous Mode Doherty Power Amplifier. , 2016, , .		6
96	Concurrent dual-band digital predistortion implemented with reduced lookup tables. Electronics Letters, 2017, 53, 802-804.	1.0	6
97	A Ka-Band Highly Linear Power Amplifier with a Linearization Bias Circuit. , 2019, , .		6
98	Artificial Intelligence-Based Power-Temperature Inclusive Digital Predistortion. IEEE Transactions on Industrial Electronics, 2022, 69, 13872-13880.	7.9	6
99	A Reconfigurable S-X-Band GaN MMIC Power Amplifier. IEEE Microwave and Wireless Components Letters, 2022, 32, 547-550.	3.2	6
100	A Low Complexity Moving Average Nested GMP Model for Digital Predistortion of Broadband Power Amplifiers. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2070-2083.	5.4	6
101	Digital predistortion for concurrent multi-band PAs with inter-band IMD compensation. , 2016, , .		5
102	A design methodology of envelope tracking power amplifier based on harmonic impedance tuning. Microwave and Optical Technology Letters, 2018, 60, 639-642.	1.4	5
103	The Nested-Mode Power Amplifiers for Highly Efficient Multi-Octave Applications. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5114-5126.	4.6	5
104	180GHz high-gain cascode power amplifier in a 130nm SiGe process. Electronics Letters, 2020, 56, 498-501.	1.0	5
105	A Cascaded Memory Polynomial-Neural Network Behavior Model For Digital Predistortion. , 2020, , .		5
106	Stacked CP patch antenna with broad impedance and AR bandwidth. , 2011, , .		4
107	A novel concurrent dual-mode class-E PA using dual-band stub tapped transformer. Microwave and Optical Technology Letters, 2011, 53, 171-174.	1.4	4
108	High efficiency and wide band CLASS-J power amplifier using 2 nd harmonic microstrip stub matching. , 2012, , .		4

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109	Forward behavioral modeling of concurrent dual-band power amplifiers using extended real valued time delay neural networks. , 2012, , .		4
110	A novel design method of concurrent dual-band power amplifiers including impedance tuning at inter-band modulation frequencies. , 2013, , .		4
111	A Novel Harmonics-Suppression Coupled-Line Gysel Power Divider for Complex Terminated Impedances. Electromagnetics, 2014, 34, 633-658.	0.7	4
112	Extraction of wideband behavioral model of power amplifier with multi groups of narrow band signals. , 2014, , .		4
113	A C-band GaAs Doherty Power Amplifier MMIC with Compact Size and 1-GHz Bandwidth. , 2018, , .		4
114	A 10-3100 MHz Nested-mode Highly Efficient Power Amplifier for Multi-Octave Applications. , 2019, , .		4
115	Analytical Design Solution for Optimal Matching of Hybrid Continuous Mode Power Amplifiers Suitable for a High-Efficiency Envelope Tracking Operation. Electronics (Switzerland), 2019, 8, 621.	3.1	4
116	A 160 GHz High Output Power and High Efficiency Power Amplifier in a 130-nm SiGe BiCMOS Technology. , 2020, , .		4
117	Novel planar tapered UWB antenna. Microwave and Optical Technology Letters, 2008, 50, 2280-2283.	1.4	3
118	A reconfigurable compact antenna for DVBH application. , 2008, , .		3
119	A conformal tri-polarization antenna. , 2008, , .		3
120	A novel broadband VHF SiC MESFET class-E high power amplifier. Microwave and Optical Technology Letters, 2010, 52, 272-276.	1.4	3
121	Low sampling rate digital predistortion of power amplifier assisted by bandpass RF filter. , 2012, , .		3
122	A 600W broadband three-way Doherty power amplifier for multi-standard wireless communications. , 2015, , .		3
123	Low computational complexity digital pre-distortion for broadband power amplifiers. , 2015, , .		3
124	Broadband doherty power amplifier and linearization. , 2016, , .		3
125	mmWave mobile communication under hypercellular architecture. Journal of Communications and Information Networks, 2016, 1, 62-76.	5.2	3
126	Linearization of Radio-Over-Fiber Cloud-RAN Transmitters Using Pre- and Post-Distortion Techniques. IEEE Photonics Technology Letters, 2021, 33, 339-342.	2.5	3

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127	Extended MagPEEC Model Including Dispersive Medium. , 2007, , .		2
128	An endfire phased array used in Wireless Access for Vehicular Environments (WAVE). , 2008, , .		2
129	Development of low cost radiated emission measurement system. , 2010, , .		2
130	DEVELOPMENT OF LOW COST MEASUREMENT SYSTEM FOR RADIATED EMISSION EVALUATION. Progress in Electromagnetics Research Letters, 2011, 20, 55-68.	0.7	2
131	A new envelope tracking technique for concurrent duan-band PAs. , 2012, , .		2
132	MIMO Antenna Design and Channel Modeling. International Journal of Antennas and Propagation, 2012, 2012, 1-2.	1.2	2
133	A complexity-reduced band-limited memory polynomial behavioral model for wideband power amplifier. , 2015, , .		2
134	A Novel Design Method of RF Lens for Long-Range Wireless Power Transmission. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 3159-3162.	4.0	2
135	A Broadband GaN Power Amplifier MMIC Utilizing a Non-Uniform Distributed Topology. , 2019, , .		2
136	A Methodology and a Metric for the Assessment of the Linearizability of Broadband Nonlinear Doherty Power Amplifiers. IEEE Microwave and Wireless Components Letters, 2020, 30, 764-767.	3.2	2
137	Review of the Neural Network based Digital Predistortion Linearization of Multi-Band/MIMO Transmitters. , 2021, , .		2
138	300-335 GHz Highly Efficient Beam-Steerable Radiator Based on Tunable Boundary Conditions. , 2021, , .		2
139	A 160 GHz High Output Power and High DC-to-RF Efficiency Fundamental Oscillator in a 130-nm SiGe BiCMOS Process. , 2021, , .		2
140	A Class-X Power Amplifier With Finite Number of Harmonics. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 3897-3909.	4.6	2
141	Design of Triple-band Planar Inverted-F antenna. , 0, , .		1
142	A high power SiC MESFET class-E power amplifier with an asymmetrical spurline resonator. , 2009, , .		1
143	Design of dual-band multi-way Doherty power amplifiers. , 2012, , .		1
144	Design of Compact Dual-Polarized Antennas for MIMO Handsets. International Journal of Antennas and Propagation, 2012, 2012, 1-8.	1.2	1

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145	Design of a V-band power amplifier/combiner based on spatial power-combining technique. , 2014, , .		1
146	Advanced power amplifier technologies for multistandard and broadband wireless communications. , 2014, , .		1
147	A High Efficiency Asymmetric Doherty Power Amplifier Using Symmetric Devices for 5G Application. , 2018, , .		1
148	A Broadband Linear Millimeter-Wave Power Amplifier With an Adaptive Bias Circuit. , 2019, , .		1
149	A Ka-Band Power Amplifier MMIC Utilizing an Advanced 100nm GaN HEMT Technology. , 2019, , .		1
150	A robust multi-sampling rate digital predistortion for ultra-broadband power amplifiers. Microwave and Optical Technology Letters, 2020, 62, 1041-1048.	1.4	1
151	Anti-Aliasing Digital Predistortion for Nonuniform-Sampling-Rate Concurrent Dual-Band Transmitters. , 2021, , .		1
152	An Efficient Pruning Method of Digital Predistortion Suitable for Power Amplifiers with Scalable Output Power. , 2021, , .		1
153	Broadband Digital Predistortion Utilizing Parallel Quasi- Wiener-Hammerstein Model with Extended Dynamic Range. , 2021, , .		1
154	305-325 GHz Non-Reciprocal Isolator Based on Peak-Control Gain-boosting Magnetless Non-reciprocal Metamaterials. , 2021, , .		1
155	An 18-50-GHz Modulated Quasi-Continuous Digital Vector-Modulation Phase Shifter With Variable Gain Control. IEEE Microwave and Wireless Components Letters, 2022, 32, 60-63.	3.2	1
156	Highly Efficient Terahertz Beam-Steerable Integrated Radiator Based on Tunable Boundary Conditions. IEEE Journal of Solid-State Circuits, 2022, 57, 1314-1331.	5.4	1
157	A Fully Integrated High-Efficiency Three-stage Doherty Power Amplifier for Small-cell application. , 2021, , .		1
158	A hybrid slot and inverted L antenna. , 2008, , .		0
159	Investigation of wideband printed dipole arrays with parasitic elements for wireless mesh network (WMN) applications. , 2008, , .		0
160	Design of unsymmetrical anti-podal taper slot element for array antenna. , 2008, , .		0
161	Hexagonal patch antenna with T-shaped slot for frequency switching and conical radiation. Microwave and Optical Technology Letters, 2010, 52, 2585-2588.	1.4	0
162	A TIS test solution for stand alone GPS phones. , 2010, , .		0

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163	A novel class-E power amplifier with an asymmetrical spurline filter and its linearization. , 2010, , .		0
164	A novel broadband class E power amplifier with inductance feedback. , 2010, , .		0
165	An experiment to extract the dynamic nonlinear model of a millimeter wave communication system with ultra-wideband signal. , 2013, , .		0
166	High-efficient harmonic-tuned power amplifier with more than an octave bandwidth. , 2013, , .		0
167	MIMO Antenna Design and Channel Modeling 2013. International Journal of Antennas and Propagation, 2013, 2013, 1-2.	1.2	0
168	Design of a monopole ESPAR antenna using a novel sidelobe reduction algorithm. , 2014, , .		0
169	Energy-efficient power amplifier techniques for TD-SCDMA and TD-LTE multi-standard wireless communications. , 2014, , .		0
170	MIMO Antenna Design and Channel Modeling 2014. International Journal of Antennas and Propagation, 2015, 2015, 1-1.	1.2	0
171	A millimeter-wave sequential power amplifier. , 2017, , .		0
172	A Wideband 28 GHz Fully-Integrated Power Amplifier in 65 nm CMOS Technology. , 2018, , .		0
173	Digital Techniques for Multiband RF Transmitters. , 2016, , 203-242.		0
174	Multiband Power Amplifier Design. , 2016, , 157-201.		0
175	Multiband RF Transmitters. , 2016, , 59-79.		0
176	On-demand digital predistortion for broadband transmitters with carrier aggregation. Microwave and Optical Technology Letters, 0, , .	1.4	0
177	Averaged and Cluster DPDs for Beamforming Applications. , 2022, , .		0
178	Single and Dual Band Compatible Digital Predistortion for On-Demand Broadband Transmitters. , 2021, , .		0