

Youngoo Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8838684/publications.pdf>

Version: 2024-02-01

164
papers

2,431
citations

249298

26
h-index

312153

41
g-index

164
all docs

164
docs citations

164
times ranked

1682
citing authors

#	ARTICLE	IF	CITATIONS
1	A 5.8 GHz RF Receiver Front-End with 77.6 dB Dynamic Range AGC for a DSRC Transceiver. IEEE Access, 2022, , 1-1.	2.6	1
2	Doherty Power Amplifier With Extended High-Efficiency Range Based on the Utilization of Multiple Output Power Back-Off Parameters. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 2258-2270.	2.9	9
3	Low-Profile and Wideband Circularly Polarized Magneto-Electric Dipole Antenna Excited by a Cross Slot. IEEE Access, 2022, 10, 52154-52161.	2.6	8
4	A High-Efficiency Triple-Mode Active Rectifier With Gate Charge Recycling Technique for Wireless Power Transfer System. IEEE Access, 2022, 10, 45943-45953.	2.6	2
5	A Wideband Multilevel Reconfigurable Class E/F ₂₃ Power Amplifier With a Band-Selecting Tracking Reactance Compensation Automatic Calibration Algorithm. IEEE Access, 2022, 10, 54214-54220.	2.6	1
6	A 1.8~2.7 GHz Triple-Band Low Noise Amplifier with 31.5 dB Dynamic Range of Power Gain and Adaptive Power Consumption for LTE Application. Sensors, 2022, 22, 4039.	2.1	4
7	Compact Load Network Having a Controlled Electrical Length for Doherty Power Amplifier. IEEE Access, 2022, 10, 70440-70446.	2.6	4
8	Retroreflective Transceiver Array Using a Novel Calibration Method Based on Optimum Phase Searching. IEEE Transactions on Industrial Electronics, 2021, 68, 2510-2520.	5.2	19
9	A 15-W Triple-Mode Wireless Power Transmitting Unit With High System Efficiency Using Integrated Power Amplifier and DC~DC Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 9574-9585.	5.2	7
10	A 15-W Quadruple-Mode Reconfigurable Bidirectional Wireless Power Transceiver With 95% System Efficiency for Wireless Charging Applications. IEEE Transactions on Power Electronics, 2021, 36, 3814-3827.	5.4	9
11	500 W Three-way GaN Doherty Power Amplifier for Sub-6 GHz 5G New Radio Base Transceiver Systems. , 2021, , .		6
12	Analysis of Received Power in RF Wireless Power Transfer System With Array Antennas. IEEE Access, 2021, 9, 76315-76324.	2.6	11
13	Mid-Range Wireless Power Transfer System for Various Types of Multiple Receivers Using Power Customized Resonator. IEEE Access, 2021, 9, 45230-45241.	2.6	10
14	Correction to ~5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer. IEEE Access, 2021, 9, 83551-83551.	2.6	0
15	Extendable Array Rectenna for a Microwave Wireless Power Transfer System. IEEE Access, 2021, 9, 98348-98360.	2.6	4
16	The Demonstration of S2P (Serial-to-Parallel) Converter with Address Allocation Method Using 28 nm CMOS Technology. Applied Sciences (Switzerland), 2021, 11, 429.	1.3	1
17	5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer. IEEE Access, 2021, 9, 72316-72325.	2.6	6
18	Circularly Polarized Dielectric Resonator Antenna With Two Annular Vias. IEEE Access, 2021, 9, 41123-41128.	2.6	13

#	ARTICLE	IF	CITATIONS
19	A Design of 44.1 fJ/Conv-Step 12-Bit 80 ms/s Time Interleaved Hybrid Type SAR ADC With Redundancy Capacitor and On-Chip Time-Skew Calibration. IEEE Access, 2021, 9, 133143-133155.	2.6	6
20	Bandwidth-Enhanced Low-Profile Magneto-Electric Dipole Antenna With Shorting Parasitic Elements. IEEE Access, 2021, 9, 64852-64859.	2.6	5
21	2.4 GHz GaN HEMT Class-F Synchronous Rectifier Using an Independent Second Harmonic Tuning Circuit. Sensors, 2021, 21, 1608.	2.1	2
22	Optimized Broadband Load Network for Doherty Power Amplifier Based on Bandwidth Balancing. IEEE Microwave and Wireless Components Letters, 2021, 31, 280-283.	2.0	5
23	A Low-Power 12-Bit 20 MS/s Asynchronously Controlled SAR ADC for WAVE ITS Sensor Based Applications. Sensors, 2021, 21, 2260.	2.1	8
24	Doherty Power Amplifier Based on Asymmetric Cells With Complex Combining Load. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2336-2344.	2.9	14
25	High-Efficiency Multilevel Multimode Dynamic Supply Switching Modulator for LTE Power Amplifier. IEEE Transactions on Power Electronics, 2021, 36, 6967-6977.	5.4	8
26	Dual-Band RF Wireless Power Transfer System with a Shared-Aperture Dual-Band Tx Array Antenna. Energies, 2021, 14, 3803.	1.6	5
27	Optimized Symmetric Two-Stage Doherty Amplifier Design for High Efficiency at Large Power Back-Off. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 635-643.	0.0	1
28	Wideband Linear Power Amplifier of 1.9 GHz~2.6 GHz Using Mutually Coupled Differential Inductor Based on GaAs HBT Process. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 603-609.	0.0	0
29	A broadband circularly polarized magneto-electric dipole array antenna for 5G millimeter-wave applications. Applied Physics Letters, 2021, 119, .	1.5	4
30	A High-Efficiency Fast Transient COT Control DC-DC Buck Converter With Current Reused Current Sensor. IEEE Transactions on Power Electronics, 2021, 36, 9521-9535.	5.4	17
31	3.5 GHz High-Efficiency Asymmetric Doherty Power Amplifier Design Using a Complex Combining Load. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 708-716.	0.0	3
32	A 2.4 GHz Power Receiver Embedded With a Low-Power Transmitter and PCE of 53.8%, for Wireless Charging of IoT/Wearable Devices. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4315-4325.	2.9	6
33	A High-Efficient Wireless Power Receiver for Hybrid Energy-Harvesting Sources. IEEE Transactions on Power Electronics, 2021, 36, 11148-11162.	5.4	19
34	Dual-Mode Supply Modulator IC With an Adaptive Quiescent Current Controller for Its Linear Amplifier in LTE Mobile Power Amplifier. IEEE Access, 2021, 9, 147768-147779.	2.6	4
35	Hybrid ET Supply Modulator IC with an Adaptive Quiescent Current Controller for Its Linear Amplifier. , 2021, , .		2
36	An Ultra-Low-Power 2.4 GHz All-Digital Phase-Locked Loop With Injection-Locked Frequency Multiplier and Continuous Frequency Tracking. IEEE Access, 2021, 9, 152984-152992.	2.6	2

#	ARTICLE	IF	CITATIONS
37	3.3 GHz Doherty Power Amplifier having a High-Efficiency at 9 dB Back-Off Based on Outphasing Load Networks. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 971-979.	0.0	2
38	6.78 MHz Wireless Power Transmitter Based on a Reconfigurable Class-E Power Amplifier for Multiple Device Charging. IEEE Transactions on Power Electronics, 2020, 35, 5907-5917.	5.4	22
39	A Design of Low-Power 10-bit 1-MS/s Asynchronous SAR ADC for DSRC Application. Electronics (Switzerland), 2020, 9, 1100.	1.8	14
40	A 2.45 GHz High Efficiency CMOS RF Energy Harvester with Adaptive Path Control. Electronics (Switzerland), 2020, 9, 1107.	1.8	9
41	A High Performance Adaptive Digital LDO Regulator With Dithering and Dynamic Frequency Scaling for IoT Applications. IEEE Access, 2020, 8, 132200-132211.	2.6	8
42	LUT-Based Focal Beamforming System Using 2-D Adaptive Sequential Searching Algorithm for Microwave Power Transfer. IEEE Access, 2020, 8, 196024-196033.	2.6	11
43	Cavity-Backed Patch Filtenna for Harmonic Suppression. IEEE Access, 2020, 8, 221580-221589.	2.6	10
44	Frequency Selective Degeneration for 6-18 GHz GaAs pHEMT Broadband Power Amplifier Integrated Circuit. Electronics (Switzerland), 2020, 9, 1588.	1.8	3
45	An Efficient Reconfigurable RF-DC Converter With Wide Input Power Range for RF Energy Harvesting. IEEE Access, 2020, 8, 79310-79318.	2.6	41
46	Dual-Band Circularly Polarized Annular Slot Antenna With a Lumped Inductor for GPS Application. IEEE Transactions on Antennas and Propagation, 2020, 68, 8197-8202.	3.1	16
47	A Design of 8 f/Conversion-Step 10-bit 8MS/s Low Power Asynchronous SAR ADC for IEEE 802.15.1 IoT Sensor Based Applications. IEEE Access, 2020, 8, 85869-85879.	2.6	20
48	A Low-Power Multichannel Time-to-Digital Converter Using All-Digital Nested Delay-Locked Loops With 50-ps Resolution and High Throughput for LiDAR Sensors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9262-9271.	2.4	29
49	Design of a Low Power 10-b 8-MS/s Asynchronous SAR ADC with On-Chip Reference Voltage Generator. Electronics (Switzerland), 2020, 9, 872.	1.8	13
50	Single-Fed Circularly Polarized Dielectric Resonator Antenna With an Enhanced Axial Ratio Bandwidth and Enhanced Gain. IEEE Access, 2020, 8, 41045-41052.	2.6	18
51	A High-Efficiency and Wide-Input Range RF Energy Harvester Using Multiple Rectenna and Adaptive Matching. Energies, 2020, 13, 1023.	1.6	4
52	Reconfigurable Dual-/Triple-Band Circularly Polarized Dielectric Resonator Antenna. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 443-447.	2.4	15
53	Scaled GaN-HEMT Large-Signal Model Based on EM Simulation. Electronics (Switzerland), 2020, 9, 632.	1.8	2
54	An Ultra-Low Power, Adaptive All-Digital Frequency-Locked Loop With Gain Estimation and Constant Current DCO. IEEE Access, 2020, 8, 97215-97230.	2.6	4

#	ARTICLE	IF	CITATIONS
55	Wideband Asymmetric 0.6i½ž1.0 GHz Doherty Power Amplifier with Parallel Resonance Circuit for Peaking Amplifier. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2020, 31, 319-327.	0.0	0
56	Four-Level Dynamic Supply Switching Modulator Using Two Single-Inductor Dual-Output DC-DC Converters for LTE Power Amplifier. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2020, 31, 1069-1076.	0.0	0
57	A Simple Phase Adaptation Algorithm for Compact Microwave Power Transmitter Array. , 2020, , .		2
58	5.8 GHz High-Efficiency RFâ€“DC Converter Based on Common-Ground Multiple-Stack Structure. Sensors, 2019, 19, 3257.	2.1	13
59	Design of a 900 MHz Dual-Mode SWIPT for Low-Power IoT Devices. Sensors, 2019, 19, 4676.	2.1	11
60	A design of a 5.6ÂGHz frequency synthesizer with switched bias LIT VCO and low noise onâ€“chip LDO regulator for 5G applications. International Journal of Circuit Theory and Applications, 2019, 47, 1856-1868.	1.3	4
61	InGaP/GaAs HBT Broadband Power Amplifier IC with 54.3% Fractional Bandwidth Based on Cascode Structure. , 2019, , .		5
62	A Fully Integrated Bluetooth Low-Energy Transceiver with Integrated Single Pole Double Throw and Power Management Unit for IoT Sensors. Sensors, 2019, 19, 2420.	2.1	10
63	6â€“18 GHz GaAs pHEMT Broadband Power Amplifier Based on Dual-Frequency Selective Impedance Matching Technique. IEEE Access, 2019, 7, 66275-66280.	2.6	22
64	Bandwidth-Enhanced Circularly Polarized Crescent-Shaped Slot Antenna via Circular-Patch Loading. Applied Sciences (Switzerland), 2019, 9, 1117.	1.3	4
65	A CMOS RF Energy Harvester With 47% Peak Efficiency Using Internal Threshold Voltage Compensation. IEEE Microwave and Wireless Components Letters, 2019, 29, 415-417.	2.0	28
66	High-Gain Waveguide-Fed Circularly Polarized Spidron Fractal Aperture Antenna. Applied Sciences (Switzerland), 2019, 9, 691.	1.3	5
67	A Sidelobe-Reduced, Four-Beam Array Antenna Fed by a Modified \$4imes4\$ Butler Matrix for 5G Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 4528-4536.	3.1	48
68	DSS modulator using the SIDO dcâ”dc converter for the CMOS RF PA integrated circuit. IET Microwaves, Antennas and Propagation, 2019, 13, 597-601.	0.7	2
69	Broadband InGaP/GaAs HBT Power Amplifier Integrated Circuit Using Cascode Structure and Optimized Shunt Inductor. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5090-5100.	2.9	20
70	High-Efficiency Stacked Power Amplifier IC With 23% Fractional Bandwidth for Average Power Tracking Application. IEEE Access, 2019, 7, 176658-176667.	2.6	6
71	Octave Bandwidth Doherty Power Amplifier Using Multiple Resonance Circuit for the Peaking Amplifier. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 583-593.	3.5	66
72	A -20 to 30 dBm Input Power Range Wireless Power System With a MPPT-Based Reconfigurable 48% Efficient RF Energy Harvester and 82% Efficient A4WP Wireless Power Receiver With Open-Loop Delay Compensation. IEEE Transactions on Power Electronics, 2019, 34, 6803-6817.	5.4	34

#	ARTICLE	IF	CITATIONS
73	Striving for Efficiency: A 475-kHz High-Efficiency Two-Stage Class-E Power Amplifier. IEEE Microwave Magazine, 2019, 20, 85-90.	0.7	2
74	High-Efficiency CMOS Power Amplifier using Low-Loss PCB Balun with Second Harmonic Impedance Matching. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 104-110.	0.0	1
75	A 3.9 mW Bluetooth Low-Energy Transmitter Using All-Digital PLL-Based Direct FSK Modulation in 55 nm CMOS. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3037-3048.	3.5	17
76	X-band two-stage Doherty power amplifier based on pre-matched GaN HEMTs. IET Microwaves, Antennas and Propagation, 2018, 12, 179-184.	0.7	10
77	260- μ W DCO With Constant Current Over PVT Variations Using FLL and Adjustable LDO. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 739-743.	2.2	8
78	A Highly Linear, AEC-Q100 Compliant Signal Conditioning IC for Automotive Piezo-Resistive Pressure Sensors. IEEE Transactions on Industrial Electronics, 2018, 65, 7363-7373.	5.2	6
79	2.65 GHz 340 W dual internally matched FETs for compact doherty power amplifiers. , 2018, , .		1
80	A Design of Fast-Settling, Low-Power 4.19-MHz Real-Time Clock Generator With Temperature Compensation and 15-dB Noise Reduction. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 1151-1158.	2.1	9
81	A Triple-Mode Wireless Power-Receiving Unit With 85.5% System Efficiency for A4WP, WPC, and PMA Applications. IEEE Transactions on Power Electronics, 2018, 33, 3141-3156.	5.4	25
82	Design of a High Efficiency DC-DC Buck Converter With Two-Step Digital PWM and Low Power Self-Tracking Zero Current Detector for IoT Applications. IEEE Transactions on Power Electronics, 2018, 33, 1428-1439.	5.4	51
83	A 6-bit 4MS/s 26f/conversion-step segmented SAR ADC with reduced switching energy for BLE. International Journal of Circuit Theory and Applications, 2018, 46, 375-383.	1.3	7
84	An Antenna Proximity Sensor for Mobile Terminals Using Reflection Coefficient. Sensors, 2018, 18, 2103.	2.1	4
85	Dual-Mode CMOS Power Amplifier Based on Load-Impedance Modulation. IEEE Microwave and Wireless Components Letters, 2018, 28, 1041-1043.	2.0	10
86	A 10- and 12-Bit Multi-Channel Hybrid Type Successive Approximation Register Analog-to-Digital Converter for Wireless Power Transfer System. Energies, 2018, 11, 2673.	1.6	5
87	GaN HEMT asymmetric three-way Doherty power amplifier using GPD. IET Microwaves, Antennas and Propagation, 2018, 12, 2115-2121.	0.7	7
88	A Design of Small Area, 0.95 mW, 612-1152 MHz Open Loop Injection-Locked Frequency Multiplier for IoT Sensor Applications. Sensors, 2018, 18, 1777.	2.1	3
89	Improvement of RF Wireless Power Transmission Using a Circularly Polarized Retrodirective Antenna Array with EBG Structures. Applied Sciences (Switzerland), 2018, 8, 324.	1.3	10
90	Design of Peak Efficiency of 85.3% WPC/PMA Wireless Power Receiver Using Synchronous Active Rectifier and Multi Feedback Low-Dropout Regulator. Energies, 2018, 11, 479.	1.6	4

#	ARTICLE	IF	CITATIONS
91	Single Inductor-Multiple Output DPWM DC-DC Boost Converter with a High Efficiency and Small Area. <i>Energies</i> , 2018, 11, 725.	1.6	5
92	A Design of Ambient RF Energy Harvester with Sensitivity of $\hat{\sim}21$ dBm and Power Efficiency of a 39.3% Using Internal Threshold Voltage Compensation. <i>Energies</i> , 2018, 11, 1258.	1.6	14
93	A Wide Input Range Buck-Boost DC-DC Converter Using Hysteresis Triple-Mode Control Technique with Peak Efficiency of 94.8% for RF Energy Harvesting Applications. <i>Energies</i> , 2018, 11, 1618.	1.6	9
94	Design of a Low-Power, Small-Area AEC-Q100-Compliant SENT Transmitter in Signal Conditioning IC for Automotive Pressure and Temperature Complex Sensors in 180 Nm CMOS Technology. <i>Sensors</i> , 2018, 18, 1555.	2.1	8
95	Broadband Circularly Polarized Slot Antenna Loaded by a Multiple-Circular-Sector Patch. <i>Sensors</i> , 2018, 18, 1576.	2.1	12
96	A High Noise Immunity, 28 $\hat{\text{A}}$ – 16-Channel Finger Touch Sensing IC Using OFDM and Frequency Translation Technique. <i>Sensors</i> , 2018, 18, 1652.	2.1	3
97	A 3-D Meandered Probe-Fed Dual-Band Circularly Polarized Dielectric Resonator Antenna. <i>Sensors</i> , 2018, 18, 2421.	2.1	3
98	Compact Load Network for GaN-HEMT Doherty Power Amplifier IC Using Left-Handed and Right-Handed Transmission Lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2017, 27, 293-295.	2.0	15
99	Doherty Power Amplifier Based on the Fundamental Current Ratio for Asymmetric cells. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 4190-4197.	2.9	44
100	High-efficiency rectifier (5.2 GHz) using a Class-F Dickson charge pump. <i>Microwave and Optical Technology Letters</i> , 2017, 59, 3018-3023.	0.9	8
101	A 10-bit 1 $\hat{\text{A}}$ MS/s segmented Dual-Sampling SAR ADC with reduced switching energy. <i>Microelectronics Journal</i> , 2017, 70, 89-96.	1.1	10
102	VHF/UHF broadband four-way power combiner/divider using 0 $\hat{\text{A}}$ hybrid and impedance transformer based on transmission lines. <i>IET Microwaves, Antennas and Propagation</i> , 2017, 11, 1748-1753.	0.7	5
103	Optimized Current of the Peaking Amplifier for Two-Stage Doherty Power Amplifier. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 209-217.	2.9	22
104	A Design of a 92.4% Efficiency Triple Mode Control DC-DC Buck Converter With Low Power Retention Mode and Adaptive Zero Current Detector for IoT/Wearable Applications. <i>IEEE Transactions on Power Electronics</i> , 2017, 32, 6946-6960.	5.4	65
105	Symmetric Three-Way Doherty Power Amplifier for High Efficiency and Linearity. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017, 64, 862-866.	2.2	41
106	Highly Efficient Fully Integrated GaN-HEMT Doherty Power Amplifier Based on Compact Load Network. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 5203-5211.	2.9	32
107	Vertical-Strip-Fed Broadband Circularly Polarized Dielectric Resonator Antenna. <i>Sensors</i> , 2017, 17, 1911.	2.1	9
108	Digitally Controlled Single-inductor Multiple-output Synchronous DC-DC Boost Converter with Smooth Loop Handover Using 55 nm Process. <i>Journal of Power Electronics</i> , 2017, 17, 821-834.	0.9	1

#	ARTICLE	IF	CITATIONS
109	A Wideband Circularly Polarized Pixelated Dielectric Resonator Antenna. <i>Sensors</i> , 2016, 16, 1349.	2.1	26
110	A Wideband Circularly Polarized Antenna with a Multiple-Circular-Sector Dielectric Resonator. <i>Sensors</i> , 2016, 16, 1849.	2.1	7
111	A design of power managements IC with peak efficiency of 92.8% step-up converter and peak efficiency of 93.8% step-down converter for power transmitting unit of A4WP applications in 0.18 μ m BCD. <i>Analog Integrated Circuits and Signal Processing</i> , 2016, 88, 115-125.	0.9	2
112	2.6 GHz 4 watt GaN-HEMT two-stage power amplifier MMIC for LTE small-cell applications. , 2016, , .		5
113	A design of wide input range triple-mode active rectifier with peak efficiency of 94.2% and maximum output power of 8W for wireless power receiver in 0.18 μ m BCD. <i>Analog Integrated Circuits and Signal Processing</i> , 2016, 86, 255-265.	0.9	5
114	CMOS Power Amplifier Integrated Circuit With Dual-Mode Supply Modulator for Mobile Terminals. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016, 63, 157-167.	3.5	43
115	A low phase noise 30-GHz frequency synthesizer with linear transconductance VCO and dual-injection-locked frequency divider. <i>Analog Integrated Circuits and Signal Processing</i> , 2016, 86, 365-376.	0.9	4
116	A Design of a Wireless Power Receiving Unit With a High-Efficiency 6.78-MHz Active Rectifier Using Shared DLLs for Magnetic-Resonant A4 WP Applications. <i>IEEE Transactions on Power Electronics</i> , 2016, 31, 4484-4498.	5.4	64
117	Design of a 2.6 GHz GaN-HEMT Doherty Power Amplifier IC for Small-Cell Base Station Systems. <i>The Journal of Korean Institute of Electromagnetic Engineering and Science</i> , 2016, 27, 108-114.	0.0	0
118	A 2.65 GHz Doherty Power Amplifier Using Internally-Matched GaN-HEMT. <i>The Journal of Korean Institute of Electromagnetic Engineering and Science</i> , 2016, 27, 269-276.	0.0	0
119	Efficiency enhanced CMOS digitally controlled dynamic bias switching power amplifier for LTE. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2315-2321.	0.9	4
120	CMOS dynamic supply switching power amplifier for LTE applications. , 2015, , .		3
121	A Wide-Locking-Range Dual Injection-Locked Frequency Divider With an Automatic Frequency Calibration Loop in 65-nm CMOS. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015, 62, 327-331.	2.2	22
122	Dual-mode supply modulator for CMOS envelope tracking power amplifier integrated circuit. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 1338-1343.	0.9	5
123	Circularly Polarized Semi-Eccentric Annular Dielectric Resonator Antenna for X-Band Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 1810-1813.	2.4	45
124	Circularly Polarized Spidron Fractal Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015, 14, 1806-1809.	2.4	65
125	Broadband Doherty Power Amplifier Based on Asymmetric Load Matching Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015, 62, 533-537.	2.2	45
126	High-Efficiency GaN-HEMT Doherty Power Amplifier with Compact Harmonic Control Networks. <i>The Journal of Korean Institute of Electromagnetic Engineering and Science</i> , 2015, 26, 783-789.	0.0	0

#	ARTICLE	IF	CITATIONS
127	A CMOS envelope tracking power amplifier for 4G LTE mobile terminal applications. , 2014, , .		4
128	A CMOS Envelope Tracking Power Amplifier for LTE Mobile Applications. Journal of Semiconductor Technology and Science, 2014, 14, 235-245.	0.1	11
129	Integrated CMOS RF transmitter with a single-ended power amplifier. Microwave and Optical Technology Letters, 2013, 55, 205-210.	0.9	3
130	Three-stage doherty amplifier with uneven input splitter. Microwave and Optical Technology Letters, 2013, 55, 1405-1409.	0.9	9
131	Doherty power amplifier using a compact load network for bandwidth extension. , 2013, , .		2
132	Miniaturized branch-line hybrid coupler with broadband impedance matching network. Journal of Electromagnetic Waves and Applications, 2013, 27, 1230-1237.	1.0	0
133	Baseband Noise Reduction Method Using Captured TX Signal for UHF RFID Reader Applications. IEEE Transactions on Industrial Electronics, 2012, 59, 592-598.	5.2	12
134	CMOS passive wake-up circuit for sensor network applications. Microwave and Optical Technology Letters, 2010, 52, 597-600.	0.9	16
135	Linearization of a 3.7 GHz multi-carrier GaN HEMT Doherty power amplifier using digital predistortion method. Microwave and Optical Technology Letters, 2010, 52, 634-638.	0.9	0
136	A Highly Linear Two-Stage Amplifier Integrated Circuit Using InGaP/GaAs HBT. IEEE Journal of Solid-State Circuits, 2010, 45, 2038-2043.	3.5	33
137	1.9GHz band highly linear 2-stage power amplifier MMIC based on InGaP/GaAs HBT. , 2009, , .		3
138	Analysis and design of compact third-order intermodulation generation circuits. Microwave and Optical Technology Letters, 2009, 51, 2137-2140.	0.9	4
139	A load network for Doherty amplifiers using an optimized impedance transformer. Microwave and Optical Technology Letters, 2009, 51, 2502-2504.	0.9	2
140	Design of a 100watt high-efficiency power amplifier for the 10-500MHz band. , 2009, , .		8
141	Optimum ASK Modulation Scheme for Passive RFID Tags Under Antenna Mismatch Conditions. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 2337-2343.	2.9	15
142	Inverted-load network for high-power Doherty amplifier. IEEE Microwave Magazine, 2009, 10, 93-98.	0.7	15
143	A high-power Cartesian feedback transmitter including a compact inverted Doherty amplifier. Microwave and Optical Technology Letters, 2008, 50, 944-946.	0.9	0
144	An optimized Doherty power amplifier using an unequal quadrature input splitter. Microwave and Optical Technology Letters, 2008, 50, 1536-1539.	0.9	7

#	ARTICLE	IF	CITATIONS
145	A 3.7GHz GaN HEMT Doherty power amplifier using digital predistortion linearization. , 2008, , .		0
146	A 30 W Cartesian Feedback Transmitter with 40 % Efficiency Incorporating an Inverted Doherty Amplifier. , 2007, , .		2
147	Design of a High-Efficiency and High-Power Inverted Doherty Amplifier. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1105-1111.	2.9	50
148	A high-frequency and high-power quasi-class-E amplifier design using a finite bias feed inductor. Microwave and Optical Technology Letters, 2007, 49, 1114-1118.	0.9	5
149	A New Envelope Predistorter With Envelope Delay Taps for Memory Effect Compensation. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 52-59.	2.9	29
150	A New Compact Load Network for Doherty Amplifiers Using an Imperfect Quarter-Wave Line. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 2313-2319.	2.9	25
151	High-Efficiency Class-F Amplifier Design In the Presence of Internal Parasitic Components of Transistors. , 2006, , .		10
152	A Highly Linear and Efficient Differential CMOS Power Amplifier With Harmonic Control. IEEE Journal of Solid-State Circuits, 2006, 41, 1314-1322.	3.5	91
153	Experimental optimization of the 2nd loop configuration for feedforward amplifiers in terms of their efficiency and linearity. Microwave and Optical Technology Letters, 2006, 48, 617-621.	0.9	3
154	Power amplifier with low average current and compact output matching network. IEEE Microwave and Wireless Components Letters, 2005, 15, 763-765.	2.0	7
155	DC Boosting Effect of Active Bias Circuits and Its Optimization for Class-AB InGaP/GaAs HBT Power Amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2004, 52, 1455-1463.	2.9	40
156	A fully matched N-way doherty amplifier with optimized linearity. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 986-993.	2.9	193
157	A microwave Doherty amplifier employing envelope tracking technique for high efficiency and linearity. IEEE Microwave and Wireless Components Letters, 2003, 13, 370-372.	2.0	72
158	Optimization for error-canceling loop of the feedforward amplifier using a new system-level mathematical model. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 475-482.	2.9	18
159	New predistortion linearizer using low-frequency even-order intermodulation components. IEEE Transactions on Microwave Theory and Techniques, 2002, 50, 446-452.	2.9	31
160	Measurement of two-tone transfer characteristics of high-power amplifiers. IEEE Transactions on Microwave Theory and Techniques, 2001, 49, 568-571.	2.9	49
161	The effects of C_{bc} on the linearity of AlGaAs/GaAs power HBTs. IEEE Transactions on Microwave Theory and Techniques, 2001, 49, 1270-1276.	2.9	23
162	A new empirical large-signal model of Si LDMOSFETs for high-power amplifier design. IEEE Transactions on Microwave Theory and Techniques, 2001, 49, 1626-1633.	2.9	42

#	ARTICLE	IF	CITATIONS
163	Digital controlled adaptive feedforward amplifier for IMT-2000 band. , 0, , .		16
164	High efficiency CDMA power amplifier with dynamic current control circuits. , 0, , .		3