# Wenhua Chen

## List of Publications by Citations

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|---|---|---|---|
| 141 papers | 1,914 citations | 24 h-index | 39 g-index |
| 179 ext. papers | 2,506 ext. citations | 3 avg, IF | 5.1 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 141 | A Dual-Polarization Slot Antenna Using a Compact CPW Feeding Structure. *IEEE Antennas and Wireless Propagation Letters*, **2010**, 9, 191-194 | 3.8 | 118 |
| 140 | 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 | 4.1 | 117 |
| 139 | Digital Predistortion for Concurrent Dual-Band Transmitters Using 2-D Modified Memory Polynomials. *IEEE Transactions on Microwave Theory and Techniques*, **2013**, 61, 281-290 | 4.1 | 99 |
| 138 | . *IEEE Transactions on Microwave Theory and Techniques*, **2018**, 66, 3419-3432 | 4.1 | 89 |
| 137 | A Broadband Doherty Power Amplifier Based on Continuous-Mode Technology. *IEEE Transactions on Microwave Theory and Techniques*, **2016**, 64, 4505-4517 | 4.1 | 83 |
| 136 | Linearization of Concurrent Dual-Band Power Amplifier Based on 2D-DPD Technique. *IEEE Microwave and Wireless Components Letters*, **2011**, 21, 685-687 | 2.6 | 81 |
| 135 | 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 | 3.8 | 79 |
| 134 | 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 | 3.9 | 72 |
| 133 | . *IEEE Antennas and Wireless Propagation Letters*, **2010**, 9, 562-565 | 3.8 | 65 |
| 132 | Transmitter Architecture for CA: Carrier Aggregation in LTE-Advanced Systems. *IEEE Microwave Magazine*, **2013**, 14, 78-86 | 1.2 | 46 |
| 131 | A Robust Augmented Complexity-Reduced Generalized Memory Polynomial for Wideband RF Power Amplifiers. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 2389-2401 | 8.9 | 45 |
| 130 | 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 | 4.1 | 45 |
| 129 | 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 | 4.1 | 43 |
| 128 | A Tripolarization Antenna Fed by Proximity Coupling and Probe. *IEEE Antennas and Wireless Propagation Letters*, **2009**, 8, 465-467 | 3.8 | 31 |
| 127 | Subsampling Feedback Loop Applicable to Concurrent Dual-Band Linearization Architecture. *IEEE Transactions on Microwave Theory and Techniques*, **2012**, 60, 1990-1999 | 4.1 | 30 |
| 126 | Low Feedback Sampling Rate Digital Predistortion for Wideband Wireless Transmitters. *IEEE Transactions on Microwave Theory and Techniques*, **2016**, 64, 3528-3539 | 4.1 | 29 |
| 125 | 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 | 5.2 | 29 |

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| 124 | Linearization for Hybrid Beamforming Array Utilizing Embedded Over-the-Air Diversity Feedbacks. *IEEE Transactions on Microwave Theory and Techniques*, **2019**, 67, 5235-5248 | 4.1 | 29 |
| 123 | Novel Planar Compact Coupled-Line Single-Ended-to-Balanced Power Divider. *IEEE Transactions on Microwave Theory and Techniques*, **2017**, 65, 2953-2963 | 4.1 | 28 |
| 122 | . *IEEE Transactions on Antennas and Propagation*, **2010**, 58, 3450-3457 | 4.9 | 28 |
| 121 | Single-PA-feedback digital predistortion for beamforming MIMO transmitter **2016**, | | 28 |
| 120 | A Dual-Band GaN MMIC Power Amplifier With Hybrid Operating Modes for 5G Application. *IEEE Microwave and Wireless Components Letters*, **2019**, 29, 228-230 | 2.6 | 25 |
| 119 | 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 | 3.5 | 25 |
| 118 | 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 | 1.7 | 25 |
| 117 | An Endfire Beam-Switchable Antenna Array Used in Vehicular Environment. *IEEE Antennas and Wireless Propagation Letters*, **2010**, 9, 195-198 | 3.8 | 22 |
| 116 | . *IEEE Antennas and Wireless Propagation Letters*, **2010**, 9, 850-853 | 3.8 | 21 |
| 115 | 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 | 4.1 | 19 |
| 114 | A Quad-Band Doherty Power Amplifier Based on T-Section Coupled Lines. *IEEE Microwave and Wireless Components Letters*, **2016**, 26, 437-439 | 2.6 | 17 |
| 113 | Convolutional Neural Network for Behavioral Modeling and Predistortion of Wideband Power Amplifiers. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP, | 10.3 | 17 |
| 112 | Low Computational Complexity Digital Predistortion Based on Direct Learning With Covariance Matrix. *IEEE Transactions on Microwave Theory and Techniques*, **2017**, 65, 4274-4284 | 4.1 | 16 |
| 111 | A Quadband Antenna With Reconfigurable Feedings. *IEEE Antennas and Wireless Propagation Letters*, **2009**, 8, 1069-1071 | 3.8 | 16 |
| 110 | An Energy-Efficient $Ka$ / $Q$ Dual-Band Power Amplifier MMIC in 0.1- $mu$ m GaAs Process. *IEEE Microwave and Wireless Components Letters*, **2018**, 28, 530-532 | 2.6 | 15 |
| 109 | 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 | 3.5 | 14 |
| 108 | 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 | 4.1 | 14 |
| 107 | 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 | 4.1 | 13 |

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| 106 | A novel broadband Doherty power amplifier with post-matching structure **2012**, | | 13 |
| 105 | Compact coupled-line balun with complex impedances transformation and high isolation. *IET Microwaves, Antennas and Propagation*, **2015**, 9, 1587-1594 | 1.6 | 12 |
| 104 | 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 | 1.2 | 12 |
| 103 | Recognizing a limitation of the TBLC-activated peroxide system on low-temperature cotton bleaching. *Carbohydrate Polymers*, **2016**, 140, 1-5 | 10.3 | 12 |
| 102 | New solutions of Class-E power amplifier with finite dc feed inductor at any duty ratio. *IET Circuits, Devices and Systems*, **2014**, 8, 311-321 | 1.1 | 12 |
| 101 | Concurrent Multi-Band Envelope Modulated Power Amplifier Linearized Using Extended Phase-Aligned DPD. *IEEE Transactions on Microwave Theory and Techniques*, **2014**, 62, 3298-3308 | 4.1 | 12 |
| 100 | A compact DVB-H antenna with varactor-tuned matching circuit. *Microwave and Optical Technology Letters*, **2010**, 52, 1786-1789 | 1.2 | 12 |
| 99 | A Compact and Broadband Ka-band Asymmetrical GaAs Doherty Power Amplifier MMIC for 5G Communications **2018**, | | 12 |
| 98 | Systematic Crest Factor Reduction and Efficiency Enhancement of Dual-Band Power Amplifier Based Transmitters. *IEEE Transactions on Broadcasting*, **2017**, 63, 111-122 | 4.7 | 11 |
| 97 | A Novel Doherty Transmitter Based on Antenna Active Load Modulation. *IEEE Microwave and Wireless Components Letters*, **2015**, 25, 271-273 | 2.6 | 10 |
| 96 | A Time Misalignment Tolerant 2D-Memory Polynomials Predistorter for Concurrent Dual-Band Power Amplifiers. *IEEE Microwave and Wireless Components Letters*, **2013**, 23, 501-503 | 2.6 | 10 |
| 95 | An iterative pruning of 2-D digital predistortion model based on normalized polynomial terms **2013** , | | 10 |
| 94 | A 200 watt broadband continuous-mode doherty power amplifier for base-station applications **2017**, | | 10 |
| 93 | 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 | 3.9 | 10 |
| 92 | Multiband and Multimode Concurrent PA With Novel Intermodulation Tuning Network for Linearity Improvement. *IEEE Microwave and Wireless Components Letters*, **2018**, 28, 248-250 | 2.6 | 9 |
| 91 | A robust and broadband digital predistortion utilizing negative feedback iteration **2018**, | | 9 |
| 90 | Dual-band predistortion linearization of an envelope modulated power amplifier operated in concurrent multi-standard mode **2014**, | | 8 |
| 89 | Two-dimensional crest factor reduction for performance improvement of concurrent dual-band power amplifiers. *Electronics Letters*, **2013**, 49, 1163-1165 | 1.1 | 8 |

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| 88 | Design of Planar ESPAR Antenna by Using Sidelobe Reduction Algorithm **2007**, | | 8 |
| 87 | A compact CPW-FED circular patch antenna with pattern and polarization diversities. *Microwave and Optical Technology Letters*, **2011**, 53, 968-972 | 1.2 | 7 |
| 86 | A novel compact reconfigurable polarization and pattern antenna. *Microwave and Optical Technology Letters*, **2007**, 49, 2802-2805 | 1.2 | 7 |
| 85 | . *IEEE Transactions on Microwave Theory and Techniques*, **2021**, 69, 4142-4156 | 4.1 | 7 |
| 84 | Beam-Oriented Digital Predistortion for Hybrid Beamforming Array Utilizing Over-the-Air Diversity Feedbacks **2019**, | | 6 |
| 83 | Behavioral modeling for concurrent dual-band power amplifiers using 2D hammerstein/wiener models. *International Journal of RF and Microwave Computer-Aided Engineering*, **2013**, 23, 646-654 | 1.5 | 6 |
| 82 | Switched-beam antenna array based on butler matrix for 5G wireless communication **2016**, | | 6 |
| 81 | Highly Linear and Magnetless Isolator Based on Weakly Coupled Nonreciprocal Metamaterials. *IEEE Transactions on Microwave Theory and Techniques*, **2019**, 67, 4322-4331 | 4.1 | 6 |
| 80 | A Broadband Millimeter-Wave Continuous-Mode Class-F Power Amplifier Based on the Deembedded Transistor Model. *IEEE Microwave and Wireless Components Letters*, **2020**, 30, 609-612 | 2.6 | 5 |
| 79 | Reduced Cost Digital Predistortion Only With In-Phase Feedback Signal. *IEEE Microwave and Wireless Components Letters*, **2018**, 28, 257-259 | 2.6 | 5 |
| 78 | A robust and low sampling rate digital predistortion algorithm for broadband PA modeling and predistortion **2014**, | | 5 |
| 77 | Digital predistortion for 5G wideband power amplifiers using multiple band-limited feedback signals **2017**, | | 5 |
| 76 | Compact dual-polarized antenna combining printed monopole and half-slot antenna for MIMO applications. *Digest / IEEE Antennas and Propagation Society International Symposium*, **2009**, | | 5 |
| 75 | Design of asymmetrical spurline filter for a high power sic MESFET class-E power amplifier. *Microwave and Optical Technology Letters*, **2010**, 52, 1650-1652 | 1.2 | 5 |
| 74 | Integrated Dual-Band Antenna System Design Incorporating Cell Phone Bezel. *IEEE Antennas and Wireless Propagation Letters*, **2008**, 7, 585-587 | 3.8 | 5 |
| 73 | . *IEEE Transactions on Microwave Theory and Techniques*, **2021**, 69, 3132-3145 | 4.1 | 5 |
| 72 | 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 | 3.9 | 5 |
| 71 | A Ka-Band Highly Linear Power Amplifier with a Linearization Bias Circuit **2019**, | | 4 |

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|---|---|---|---|
| 70 | A 160 GHz High Output Power and High Efficiency Power Amplifier in a 130-nm SiGe BiCMOS Technology **2020**, | | 4 |
| 69 | A single feedback architecture for dual-band digital predistortion with under-sampling technique **2016**, | | 4 |
| 68 | Linearization of a Directional Modulation Transmitter Using Low-Complexity Cascaded Digital Predistortion. *IEEE Transactions on Microwave Theory and Techniques*, **2019**, 67, 4467-4478 | 4.1 | 4 |
| 67 | A Novel Harmonics-Suppression Coupled-Line Gysel Power Divider for Complex Terminated Impedances. *Electromagnetics*, **2014**, 34, 633-658 | 0.8 | 4 |
| 66 | Analysis and design of tapered slot antenna for ultra-wideband applications. *Tsinghua Science and Technology*, **2009**, 14, 1-6 | 3.4 | 4 |
| 65 | A High-Efficiency 142-182-GHz SiGe BiCMOS Power Amplifier With Broadband Slotline-Based Power Combining Technique. *IEEE Journal of Solid-State Circuits*, **2021**, 1-1 | 5.5 | 4 |
| 64 | 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**, 1-1 | 3.5 | 4 |
| 63 | An Efficient Directional Modulation Transmitter With Novel Crest Factor Reduction Technique. *IEEE Microwave and Wireless Components Letters*, **2019**, 29, 554-556 | 2.6 | 3 |
| 62 | A 210-GHz Magnetless Nonreciprocal Isolator in 130-nm SiGe BiCMOS Based on Resistor-Free Unidirectional Ring Resonators. *IEEE Microwave and Wireless Components Letters*, **2020**, 30, 524-527 | 2.6 | 3 |
| 61 | A Robust and Scalable Harmonic Cancellation Digital Predistortion Technique for HF Transmitters. *IEEE Transactions on Microwave Theory and Techniques*, **2020**, 68, 2796-2807 | 4.1 | 3 |
| 60 | A design methodology of envelope tracking power amplifier based on harmonic impedance tuning. *Microwave and Optical Technology Letters*, **2018**, 60, 639-642 | 1.2 | 3 |
| 59 | Digital predistortion for concurrent multi-band PAs with inter-band IMD compensation **2016**, | | 3 |
| 58 | mmWave mobile communication under hypercellular architecture. *Journal of Communications and Information Networks*, **2016**, 1, 62-76 | | 3 |
| 57 | Extraction of wideband behavioral model of power amplifier with multi groups of narrow band signals **2014**, | | 3 |
| 56 | Low computational complexity digital pre-distortion for broadband power amplifiers **2015**, | | 3 |
| 55 | A novel design method of concurrent dual-band power amplifiers including impedance tuning at inter-band modulation frequencies **2013**, | | 3 |
| 54 | A novel concurrent dual-mode class-e PA using dual-band stub tapped transformer. *Microwave and Optical Technology Letters*, **2011**, 53, 171-174 | 1.2 | 3 |
| 53 | Forward behavioral modeling of concurrent dual-band power amplifiers using extended real valued time delay neural networks **2012**, | | 3 |

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| 52 | Novel planar tapered-slot-fed UWB antenna. *Microwave and Optical Technology Letters*, **2008**, 50, 2280-2283 | 1.2 | 3 |
| 51 | A novel switched-sector planar antenna using parasitic elements **2004**, | | 3 |
| 50 | A Highly Linear GaN MMIC Doherty Power Amplifier Based on Phase Mismatch Induced AM-PM Compensation. *IEEE Transactions on Microwave Theory and Techniques*, **2021**, 1-1 | 4.1 | 3 |
| 49 | 180 GHz high-gain cascode power amplifier in a 130 nm SiGe process. *Electronics Letters*, **2020**, 56, 498-501 | 1.1 | 3 |
| 48 | 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 | 4.1 | 3 |
| 47 | The Nested-Mode Power Amplifiers for Highly Efficient Multi-Octave Applications. *IEEE Transactions on Microwave Theory and Techniques*, **2019**, 67, 5114-5126 | 4.1 | 3 |
| 46 | Hybrid Harmonic Cancellation Digital Predistortion With a Feedback Loop Compensation. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2222-2226 | 3.5 | 3 |
| 45 | 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 | 4.1 | 3 |
| 44 | 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 | 4.1 | 3 |
| 43 | A 10-3100 MHz Nested-mode Highly Efficient Power Amplifier for Multi-Octave Applications **2019**, | | 2 |
| 42 | A Fully Integrated C-band GaN MMIC Doherty Power Amplifier with High Gain and High Efficiency for 5G Application **2019**, | | 2 |
| 41 | Concurrent dual-band digital predistortion implemented with reduced look-up-tables. *Electronics Letters*, **2017**, 53, 802-804 | 1.1 | 2 |
| 40 | A new envelope tracking technique for concurrent duan-band PAs **2012**, | | 2 |
| 39 | Joint predistortion of IQ impairments and PA nonlinearity in concurrent dual-band transmitters **2012**, | | 2 |
| 38 | A novel broadband VHF SiC MESFET class-E high power amplifier. *Microwave and Optical Technology Letters*, **2010**, 52, 272-276 | 1.2 | 2 |
| 37 | A reconfigurable compact antenna for DVBH application **2008**, | | 2 |
| 36 | An endfire phased array used in Wireless Access for Vehicular Environments (WAVE) **2008**, | | 2 |
| 35 | Artificial Intelligence based Power-Temperature Inclusive Digital Pre-Distortion. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1 | 8.9 | 2 |

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|---|---|---|---|
| 34 | 3.5-0Hz High-Efficiency Broadband Asymmetric Doherty Power Amplifier for 5G Applications **2018**, | | 2 |
| 33 | A 160 GHz High Output Power and High DC-to-RF Efficiency Fundamental Oscillator in a 130-nm SiGe BiCMOS Process **2021**, | | 2 |
| 32 | A 250-310 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*, **2021**, 1-1 | 3.4 | 2 |
| 31 | A Reconfigurable S-/X-Band GaN MMIC Power Amplifier. *IEEE Microwave and Wireless Components Letters*, **2022**, 1-4 | 2.6 | 2 |
| 30 | 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**, 1-14 | 3.9 | 2 |
| 29 | Broadband Three-Stage Pseudoload Modulated Balanced Amplifier With Power Back-Off Efficiency Enhancement. *IEEE Transactions on Microwave Theory and Techniques*, **2022**, 1-1 | 4.1 | 2 |
| 28 | 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 | 2.6 | 1 |
| 27 | Advanced power amplifier technologies for multistandard and broadband wireless communications **2014**, | | 1 |
| 26 | A Novel Design Method of RF Lens for Long-Range Wireless Power Transmission. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 3159-3162 | 3.8 | 1 |
| 25 | A concurrent dual-band 1.9□2.6-GHz Doherty power amplifier with Intermodulation impedance tuning **2014**, | | 1 |
| 24 | Low sampling rate digital predistortion of power amplifier assisted by bandpass RF filter **2012**, | | 1 |
| 23 | Design of Compact Dual-Polarized Antennas for MIMO Handsets. *International Journal of Antennas and Propagation*, **2012**, 2012, 1-8 | 1.2 | 1 |
| 22 | DEVELOPMENT OF LOW COST MEASUREMENT SYSTEM FOR RADIATED EMISSION EVALUATION. *Progress in Electromagnetics Research Letters*, **2011**, 20, 55-68 | 0.5 | 1 |
| 21 | Development of low cost radiated emission measurement system **2010**, | | 1 |
| 20 | High efficiency and wide band CLASS-J power amplifier using 2nd harmonic microstrip stub matching **2012**, | | 1 |
| 19 | A robust multi-sampling rate digital predistortion for ultra-broadband power amplifiers. *Microwave and Optical Technology Letters*, **2020**, 62, 1041-1048 | 1.2 | 1 |
| 18 | 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 | 2.6 | 1 |
| 17 | Linearization of Radio-Over-Fiber Cloud-RAN Transmitters Using Pre- and Post-Distortion Techniques. *IEEE Photonics Technology Letters*, **2021**, 33, 339-342 | 2.2 | 1 |

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| 16 | A Complexity-Reduced Harmonic-Cancellation Digital Predistortion for HF Transmitters. *IEEE Microwave and Wireless Components Letters*, **2021**, 31, 529-532 | 2.6 | 1 |
| 15 | 300-335 GHz Highly Efficient Beam-Steerable Radiator Based on Tunable Boundary Conditions **2021**, | | 1 |
| 14 | Broadband doherty power amplifier and linearization **2016**, | | 1 |
| 13 | A C-band GaAs Doherty Power Amplifier MMIC with Compact Size and 1-GHz Bandwidth **2018**, | | 1 |
| 12 | High-Efficiency Dual-Band Filtering Doherty Power Amplifier Based on Multi-Function Circuit. *IEEE Transactions on Microwave Theory and Techniques*, **2022**, 1-1 | 4.1 | 1 |
| 11 | Novel Design Space of Broadband High-Efficiency Parallel-Circuit Class-EF Power Amplifiers. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2022**, 1-11 | 3.9 | 1 |
| 10 | MIMO Antenna Design and Channel Modeling. *International Journal of Antennas and Propagation*, **2012**, 2012, 1-2 | 1.2 | 0 |
| 9 | A Fully Integrated 3.5-/4.9-GHz Dual-Band GaN MMIC Doherty Power Amplifier Based on Multi-Resonant Circuits. *IEEE Transactions on Microwave Theory and Techniques*, **2021**, 1-1 | 4.1 | 0 |
| 8 | MIMO Antenna Design and Channel Modeling 2014. *International Journal of Antennas and Propagation*, **2015**, 2015, 1-1 | 1.2 | |
| 7 | MIMO Antenna Design and Channel Modeling 2013. *International Journal of Antennas and Propagation*, **2013**, 2013, 1-2 | 1.2 | |
| 6 | Hexagonal patch antenna with T-shaped slot for frequency switching and conical radiation. *Microwave and Optical Technology Letters*, **2010**, 52, 2585-2588 | 1.2 | |
| 5 | Digital Techniques for Multiband RF Transmitters **2016**, 203-242 | | |
| 4 | Multiband Power Amplifier Design **2016**, 157-201 | | |
| 3 | Multiband RF Transmitters **2016**, 59-79 | | |
| 2 | An 18-50-GHz Modulated Quasi-Continuous Digital Vector-Modulation Phase Shifter With Variable Gain Control. *IEEE Microwave and Wireless Components Letters*, **2021**, 1-4 | 2.6 | |
| 1 | Highly Efficient Terahertz Beam-Steerable Integrated Radiator Based on Tunable Boundary Conditions. *IEEE Journal of Solid-State Circuits*, **2022**, 57, 1314-1331 | 5.5 | |