

Hansik Oh

List of Publications by Year in descending order

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26
papers

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1039880

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26
all docs

26
docs citations

26
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Doherty Power Amplifier Based on the Fundamental Current Ratio for Asymmetric cells. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 4190-4197.	2.9	44
3	Symmetric Three-Way Doherty Power Amplifier for High Efficiency and Linearity. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 862-866.	2.2	41
4	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
5	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
6	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
7	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
8	Dual-Mode CMOS Power Amplifier Based on Load-Impedance Modulation. IEEE Microwave and Wireless Components Letters, 2018, 28, 1041-1043.	2.0	10
9	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
10	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
11	High-Efficiency Multilevel Multimode Dynamic Supply Switching Modulator for LTE Power Amplifier. IEEE Transactions on Power Electronics, 2021, 36, 6967-6977.	5.4	8
12	High-Efficiency Stacked Power Amplifier IC With 23% Fractional Bandwidth for Average Power Tracking Application. IEEE Access, 2019, 7, 176658-176667.	2.6	6
13	5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer. IEEE Access, 2021, 9, 72316-72325.	2.6	6
14	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
15	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
16	Frequency Selective Degeneration for 6-18 GHz GaAs pHEMT Broadband Power Amplifier Integrated Circuit. Electronics (Switzerland), 2020, 9, 1588.	1.8	3
17	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
18	DSS modulator using the SIDO dc-dc converter for the CMOS RF PA integrated circuit. IET Microwaves, Antennas and Propagation, 2019, 13, 597-601.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Striving for Efficiency: A 475-kHz High-Efficiency Two-Stage Class-E Power Amplifier. IEEE Microwave Magazine, 2019, 20, 85-90.	0.7	2
20	Hybrid ET Supply Modulator IC with an Adaptive Quiescent Current Controller for Its Linear Amplifier. , 2021, , .		2
21	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
22	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
23	Correction to "5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer". IEEE Access, 2021, 9, 83551-83551.	2.6	0
24	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
25	Wideband Asymmetric 0.6~1.0 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
26	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