

Hansik Oh

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

290
citations

1039880

9
h-index

887953

17
g-index

26
all docs

26
docs citations

26
times ranked

253
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Correction to "5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer". IEEE Access, 2021, 9, 83551-83551. | 2.6 | 0 |
| 5 | 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 |
| 6 | 5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer. IEEE Access, 2021, 9, 72316-72325. | 2.6 | 6 |
| 7 | 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 |
| 8 | 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 |
| 9 | High-Efficiency Multilevel Multimode Dynamic Supply Switching Modulator for LTE Power Amplifier. IEEE Transactions on Power Electronics, 2021, 36, 6967-6977. | 5.4 | 8 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Hybrid ET Supply Modulator IC with an Adaptive Quiescent Current Controller for Its Linear Amplifier. , 2021, , . | | 2 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Frequency Selective Degeneration for 6~18 GHz GaAs pHEMT Broadband Power Amplifier Integrated Circuit. Electronics (Switzerland), 2020, 9, 1588. | 1.8 | 3 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | High-Efficiency Stacked Power Amplifier IC With 23% Fractional Bandwidth for Average Power Tracking Application. IEEE Access, 2019, 7, 176658-176667. | 2.6 | 6 |
| 22 | 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 |
| 23 | Striving for Efficiency: A 475-kHz High-Efficiency Two-Stage Class-E Power Amplifier. IEEE Microwave Magazine, 2019, 20, 85-90. | 0.7 | 2 |
| 24 | Dual-Mode CMOS Power Amplifier Based on Load-Impedance Modulation. IEEE Microwave and Wireless Components Letters, 2018, 28, 1041-1043. | 2.0 | 10 |
| 25 | 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 |
| 26 | 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 |