

Hyungmo Koo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9033155/publications.pdf>

Version: 2024-02-01

20
papers

251
citations

1162889

8
h-index

940416

16
g-index

20
all docs

20
docs citations

20
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Correction to "5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer". IEEE Access, 2021, 9, 83551-83551.	2.6	0
4	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
5	5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer. IEEE Access, 2021, 9, 72316-72325.	2.6	6
6	2.4 GHz GaN HEMT Class-F Synchronous Rectifier Using an Independent Second Harmonic Tuning Circuit. Sensors, 2021, 21, 1608.	2.1	2
7	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
8	Hybrid ET Supply Modulator IC with an Adaptive Quiescent Current Controller for Its Linear Amplifier. , 2021, , .		2
9	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
10	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
11	Frequency Selective Degeneration for 6~18 GHz GaAs pHEMT Broadband Power Amplifier Integrated Circuit. Electronics (Switzerland), 2020, 9, 1588.	1.8	3
12	A Simple Phase Adaptation Algorithm for Compact Microwave Power Transmitter Array. , 2020, , .		2
13	5.8 GHz High-Efficiency RF~DC Converter Based on Common-Ground Multiple-Stack Structure. Sensors, 2019, 19, 3257.	2.1	13
14	InGaP/GaAs HBT Broadband Power Amplifier IC with 54.3% Fractional Bandwidth Based on Cascode Structure. , 2019, , .		5
15	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
16	High-Efficiency Stacked Power Amplifier IC With 23% Fractional Bandwidth for Average Power Tracking Application. IEEE Access, 2019, 7, 176658-176667.	2.6	6
17	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
18	GaN~HEMT asymmetric three~way Doherty power amplifier using GPD. IET Microwaves, Antennas and Propagation, 2018, 12, 2115-2121.	0.7	7

#	ARTICLE	IF	CITATIONS
19	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
20	High-efficiency rectifier (5.2 GHz) using a Class-F/Dickson charge pump. Microwave and Optical Technology Letters, 2017, 59, 3018-3023.	0.9	8