

Jongseok Bae

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	CMOS Power Amplifier Integrated Circuit With Dual-Mode Supply Modulator for Mobile Terminals. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 157-167.	3.5	43
2	Highly Efficient Fully Integrated GaN-HEMT Doherty Power Amplifier Based on Compact Load Network. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 5203-5211.	2.9	32
3	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
4	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
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	Compact Load Network for GaN-HEMT Doherty Power Amplifier IC Using Left-Handed and Right-Handed Transmission Lines. IEEE Microwave and Wireless Components Letters, 2017, 27, 293-295.	2.0	15
7	5.8 GHz High-Efficiency RF-DC Converter Based on Common-Ground Multiple-Stack Structure. Sensors, 2019, 19, 3257.	2.1	13
8	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
9	Analysis of Received Power in RF Wireless Power Transfer System With Array Antennas. IEEE Access, 2021, 9, 76315-76324.	2.6	11
10	Dual-Mode CMOS Power Amplifier Based on Load-Impedance Modulation. IEEE Microwave and Wireless Components Letters, 2018, 28, 1041-1043.	2.0	10
11	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
12	2.6 GHz GaN-HEMT Doherty power amplifier integrated circuit with 55.5% efficiency based on a compact load network. , 2017, , .		8
13	High-Efficiency Multilevel Multimode Dynamic Supply Switching Modulator for LTE Power Amplifier. IEEE Transactions on Power Electronics, 2021, 36, 6967-6977.	5.4	8
14	High-Efficiency Stacked Power Amplifier IC With 23% Fractional Bandwidth for Average Power Tracking Application. IEEE Access, 2019, 7, 176658-176667.	2.6	6
15	5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer. IEEE Access, 2021, 9, 72316-72325.	2.6	6
16	VHF/UHF broadband four-way power combiner/divider using $\lambda/4$ hybrid and impedance transformer based on transmission lines. IET Microwaves, Antennas and Propagation, 2017, 11, 1748-1753.	0.7	5
17	InGaP/GaAs HBT Broadband Power Amplifier IC with 54.3% Fractional Bandwidth Based on Cascode Structure. , 2019, , .		5
18	A High-Efficiency and Wide-Input Range RF Energy Harvester Using Multiple Rectenna and Adaptive Matching. Energies, 2020, 13, 1023.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Extendable Array Rectenna for a Microwave Wireless Power Transfer System. IEEE Access, 2021, 9, 98348-98360.	2.6	4
20	CMOS dynamic supply switching power amplifier for LTE applications. , 2015, , .		3
21	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
22	2.4 GHz GaN HEMT Class-F Synchronous Rectifier Using an Independent Second Harmonic Tuning Circuit. Sensors, 2021, 21, 1608.	2.1	2
23	A Simple Phase Adaptation Algorithm for Compact Microwave Power Transmitter Array. , 2020, , .		2
24	Correction to "5.8 GHz 4-Channel Beamforming Tx IC for Microwave Power Transfer". IEEE Access, 2021, 9, 83551-83551.	2.6	0