

# Jongseok Bae

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

259  
citations

933264

10  
h-index

940416

16  
g-index

24  
all docs

24  
docs citations

24  
times ranked

245  
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	Analysis of Received Power in RF Wireless Power Transfer System With Array Antennas. IEEE Access, 2021, 9, 76315-76324.	2.6	11
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	Extendable Array Rectenna for a Microwave Wireless Power Transfer System. IEEE Access, 2021, 9, 98348-98360.	2.6	4
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	High-Efficiency Multilevel Multimode Dynamic Supply Switching Modulator for LTE Power Amplifier. IEEE Transactions on Power Electronics, 2021, 36, 6967-6977.	5.4	8
8	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
9	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
10	A High-Efficiency and Wide-Input Range RF Energy Harvester Using Multiple Rectenna and Adaptive Matching. Energies, 2020, 13, 1023.	1.6	4
11	A Simple Phase Adaptation Algorithm for Compact Microwave Power Transmitter Array. , 2020, , .		2
12	5.8 GHz High-Efficiency RF-DC Converter Based on Common-Ground Multiple-Stack Structure. Sensors, 2019, 19, 3257.	2.1	13
13	InGaP/GaAs HBT Broadband Power Amplifier IC with 54.3% Fractional Bandwidth Based on Cascode Structure. , 2019, , .		5
14	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
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	Dual-Mode CMOS Power Amplifier Based on Load-Impedance Modulation. IEEE Microwave and Wireless Components Letters, 2018, 28, 1041-1043.	2.0	10
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	VHF/UHF broadband four-way power combiner/divider using $0^\circ$ hybrid and impedance transformer based on transmission lines. IET Microwaves, Antennas and Propagation, 2017, 11, 1748-1753.	0.7	5
21	2.6 GHz GaN-HEMT Doherty power amplifier integrated circuit with 55.5% efficiency based on a compact load network. , 2017, , .		8
22	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
23	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
24	CMOS dynamic supply switching power amplifier for LTE applications. , 2015, , .		3