

Jun-Taek Oh

List of Publications by Year in descending order

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223
citing authors

#	ARTICLE	IF	CITATIONS
1	A 77-GHz CMOS Power Amplifier With a Parallel Power Combiner Based on Transmission-Line Transformer. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 2662-2669.	4.6	77
2	A W-Band High-Efficiency CMOS Differential Current-Reused Frequency Doubler. IEEE Microwave and Wireless Components Letters, 2015, 25, 307-309.	3.2	28
3	A 79-GHz Adaptive-Gain and Low-Noise UWB Radar Receiver Front-End in 65-nm CMOS. IEEE Transactions on Microwave Theory and Techniques, 2016, , 1-9.	4.6	17
4	Compact Rectifier Array With Wide Input Power and Frequency Ranges Based on Adaptive Power Distribution. IEEE Microwave and Wireless Components Letters, 2021, 31, 513-516.	3.2	17
5	A W-Band 4-GHz Bandwidth Phase-Modulated Pulse Compression Radar Transmitter in 65-nm CMOS. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2609-2618.	4.6	16
6	915-MHz Continuous-Wave Doppler Radar Sensor for Detection of Vital Signs. Electronics (Switzerland), 2019, 8, 561.	3.1	16
7	Broad Dual-Band Rectifier With Wide Input Power Ranges for Wireless Power Transfer and Energy Harvesting. IEEE Microwave and Wireless Components Letters, 2022, 32, 599-602.	3.2	14
8	A 79 GHz g<inf>m</inf>-boosted sub-harmonic mixer with high conversion gain in 65nm CMOS. , 2015, , .		8
9	A 77GHz CMOS medium power amplifier with transmission line transformers for multi-mode automotive radar system. , 2013, , .		5
10	Reconfigurable hybrid matrixâ€based power divider with variable powerâ€dividing ratios and frequencies. Electronics Letters, 2020, 56, 889-891.	1.0	4
11	Circularly Polarized<i>S</i>/<i>C</i>Dual-Band Antenna for Nonlinear Detection. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1467-1471.	4.0	4
12	Highly Efficient Rectifier Array Using a Two-Section Branch-Line Coupler for Simultaneous Wireless Information and Power Transfer (SWIPT). The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 670-673.	0.3	3
13	Stacked Microstrip Patch Antenna Array with High-Gain and Improved Thermal-Stability for Microwave Power Transmission Applications. , 2018, , .		2
14	High-Efficiency Rectifier Based on Transmission-Line Transformer with Wide Input Power and Frequency Ranges. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2022, 33, 206-211.	0.3	2
15	Highly efficient 5.8â€GHz class E â'1 frequency doubler using a transmissionâ€lineâ€based notch filter. Microwave and Optical Technology Letters, 2021, 63, 91-96.	1.4	1
16	Rectifier array based on efficient power recycling with extended ranges of input power and frequency. Microwave and Optical Technology Letters, 2021, 63, 2387.	1.4	1
17	Highly Efficient Rectifier Based on a Matched Voltage Doubler with Wide Input Power and Frequency Range. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2022, 33, 160-163.	0.3	1
18	Ultra-Wideband Compact Rectifier Based on Coupled Transmission-Line Network. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2022, 33, 278-283.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Highly efficient W-band 2.5-GHz bandwidth pulse generator with ~ 1 dBm output power in 65-nm CMOS. Electronics Letters, 2016, 52, 223-225.	1.0	0
20	A fully integrated W-band pulse compression radar CMOS transceiver. Microwave and Optical Technology Letters, 2017, 59, 2594-2598.	1.4	0
21	A 40-GHz hybrid class-AB/class-B CMOS VCO with a current-combining transformer. Microwave and Optical Technology Letters, 2018, 60, 1319-1323.	1.4	0
22	A K-/Ka-Band CMOS Power Amplifier with a Matched Cascode Power Cell. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 751-754.	0.3	0
23	S-Band GaN HEMT Power Amplifier Based on the Harmonic Control Matching Network. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2021, 32, 1027-1030.	0.3	0