

# Pingyang He

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Millimeter-Wave Integrated Phased Arrays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3977-3990.	5.4	42
2	High-Efficiency Millimeter-Wave CMOS Switching Rectifiers: Theory and Implementation. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5171-5180.	4.6	18
3	A <i>W</i> -Band 2 × 2 Rectenna Array With On-Chip CMOS Switching Rectifier and On-PCB Tapered Slot Antenna for Wireless Power Transfer. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 969-979.	4.6	10
4	A 1.9-dB NF K-Band Temperature-Healing Phased-Array Receiver Employing Hybrid Packaged 65-nm CMOS Beamformer and 0.1- $\lambda$ GaAs LNAs. IEEE Microwave and Wireless Components Letters, 2022, 32, 768-771.	3.2	9
5	A <i>W</i> -Band Rectenna Using On-Chip CMOS Switching Rectifier and On-PCB Tapered Slot Antenna Achieving 25% Effective-Power-Conversion Efficiency for Wireless Power Transfer. , 2020, , .		6
6	A <i>W</i> -Band Switching Rectifier with 27% Efficiency for Wireless Power Transfer in 65-nm CMOS. , 2019, , .		4
7	CORDIC-Based Multi-Gb/s Digital Outphasing Modulator for Highly Efficient Millimeter-Wave Transmitters. Wireless Communications and Mobile Computing, 2018, 2018, 1-6.	1.2	2
8	Corrections to "Millimeter-Wave Integrated Phased Arrays" [early access, Jul 12, 21 doi: 10.1109/TCSI.2021.3093093]. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4413-4413.	5.4	0