Peng Gu

List of Publications by Year
in descending order

13	212	1307594 7	1474206 9
papers	citations	h-index	g-index

13	13	13	129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A 1.9-dB NF K-Band Temperature-Healing Phased-Array Receiver Employing Hybrid Packaged 65-nm CMOS Beamformer and 0.1-Î¼m GaAs LNAs. IEEE Microwave and Wireless Components Letters, 2022, 32, 768-771.	3.2	9
2	A 24â€“29.5-GHz Highly Linear Phased-Array Transceiver Front-End in 65-nm CMOS Supporting 800-MHz 64-QAM and 400-MHz 256-QAM for 5G New Radio. IEEE Journal of Solid-State Circuits, 2022, 57, 2702-2718.	5.4	23
3	A Ka-Band Balanced Four-Beam Phased-Array Receiver With Symmetrical Beam-Distribution Network in 65-nm CMOS. IEEE Access, 2021, 9, 110026-110038.	4.2	7
4	Analysis and Design of a CMOS Bidirectional Passive Vector-Modulated Phase Shifter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1398-1408.	5.4	29
5	Millimeter-Wave Integrated Phased Arrays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3977-3990.	5.4	42
6	Corrections to â€œMillimeter-Wave Integrated Phased Arraysâ€•[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
7	A Ka-Band CMOS 4-Beam Phased-Array Receiver With Symmetrical Beam-Distribution Network. IEEE Solid-State Circuits Letters, 2020, 3, 410-413.	2.0	11
8	A DC-50 GHz CMOS Switched-Type Attenuator With Capacitive Compensation Technique. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3389-3399.	5.4	29
9	Geometric Analysis and Systematic Design of a Reflective-Type Phase Shifter With Full 360Â° Phase Shift Range and Minimal Loss Variation. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4156-4166.	4.6	26
10	A DC-43.5 GHz CMOS Switched-Type Attenuator with Capacitive Compensation Technique. , 2019, , .		6
11	Key Circuit Building Blocks for 5G Millimeter-Wave Phased-Array Transceiver Front-End (Invited). , 2018, , .		1
12	Ka-Band CMOS 360Â° Reflective-Type Phase Shifter with Â±0.2 dB Insertion Loss Variation Using Triple-Resonating Load and Dual-Voltage Control Techniques. , 2018, , .		25
13	94â€GHz 360Â° reflectiveâ€type phase shifter with minimal loss variation using tripleâ€resonating load technique. Electronics Letters, 2018, 54, 215-217.	1.0	4