

Lorenzo Iotti

List of Publications by Year in descending order

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206
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights Into Phase-Noise Scaling in Switch-Coupled Multi-Core <itali>LC</itali> VCOs for E-Band Adaptive Modulation Links. IEEE Journal of Solid-State Circuits, 2017, 52, 1703-1718.	3.5	87
2	A 57â€“74-GHz Tail-Switching Injection-Locked Frequency Tripler in 28-nm CMOS. IEEE Solid-State Circuits Letters, 2019, 2, 115-118.	1.3	19
3	A Low-Power 70â€“100-GHz Mixer-First RX Leveraging Frequency-Translational Feedback. IEEE Journal of Solid-State Circuits, 2020, 55, 2043-2054.	3.5	18
4	A 71-to-86-GHz 16-Element by 16-Beam Multi-User Beamforming Integrated Receiver Sub-Array for Massive MIMO. IEEE Journal of Solid-State Circuits, 2021, 56, 3811-3826.	3.5	10
5	Design of High-Linearity Mixer-First Receivers for mm-Wave Digital MIMO Arrays. IEEE Journal of Solid-State Circuits, 2021, 56, 3375-3387.	3.5	9
6	A 57â€“74-GHz Tail-Switching Injection-Locked Frequency Tripler in 28-nm CMOS. , 2019, , .		8
7	A Batteryless Padless Crystalless 116 $\mu\text{m} \times 116 \mu\text{m}$ Dieletâ€Near-Field Radio With On-Chip Coil Antenna. IEEE Journal of Solid-State Circuits, 2020, 55, 249-260.	3.5	8
8	A Dual-Injection Technique for mm-Wave Injection-Locked Frequency Multipliers. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 5417-5428.	2.9	8
9	14.1 A 71-to-86GHz Packaged 16-Element by 16-Beam Multi-User Beamforming Integrated Receiver in 28nm CMOS. , 2021, , .		7
10	Analysis and Design of Submilliwatt Interference-Tolerant Receivers Leveraging <i>N</i> -Path Filter-Based Translational Positive Feedback. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3496-3509.	2.9	6
11	Design and Demonstration of a Scalable Massive MIMO Uplink at E-Band. , 2020, , .		5
12	Design of an Inductor-Less 72-GHz 2:1 CMOS CML Frequency Divider With Dual-Core VCO. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2752-2756.	2.2	2