

Sashank Krishnamurthy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Design and Analysis of Enhanced Mixer-First Receivers Achieving 40-dB/decade RF Selectivity. IEEE Journal of Solid-State Circuits, 2020, 55, 1165-1176.	5.4	48
2	A Low-Power 70-100-GHz Mixer-First RX Leveraging Frequency-Translational Feedback. IEEE Journal of Solid-State Circuits, 2020, 55, 2043-2054.	5.4	18
3	10-35GHz Passive Mixer-First Receiver Achieving +14dBm in-band IIP3 for Digital Beam-forming Arrays. , 2020, , .		16
4	An Enhanced Mixer-First Receiver With Distortion Cancellation, Achieving 80-dB/decade RF Selectivity and +8-dBm B1dB for Adjacent Channel Blockers. IEEE Solid-State Circuits Letters, 2021, 4, 64-67.	2.0	12
5	Design of High-Linearity Mixer-First Receivers for mm-Wave Digital MIMO Arrays. IEEE Journal of Solid-State Circuits, 2021, 56, 3375-3387.	5.4	9
6	Synthesis and Design of Enhanced N -Path Filters With 60-dB/decade RF Selectivity. IEEE Solid-State Circuits Letters, 2020, 3, 522-525.	2.0	7
7	Analysis and Design of Submilliwatt Interference-Tolerant Receivers Leveraging N -Path Filter-Based Translational Positive Feedback. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3496-3509.	4.6	6
8	Enhanced Passive Mixer-first Receiver Driving an Impedance with 40dB/decade Roll-off, Achieving +12dBm Blocker-P1dB, +33dBm IIP3 and sub-2dB NF Degradation for a 0dBm Blocker. , 2019, , .		5