

Yixin Song

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

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citations

1937685

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1720034

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all docs

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docs citations

10
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	The Digital-Assisted Charge Amplifier: A Digital-Based Approach to Charge Amplification. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3114-3123.	5.4	2
2	Charge Detection Mass Spectrometry of Micron-Sized Particles Using a Differential Amplifier. , 2022, , .		0
3	Optimizing the Noise Performance of Multielectrode Image Charge Detectors Constructed on Printed Circuit Boards. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	3
4	An 8-bit 10-GHz 21-mW Time-Interleaved SAR ADC With Grouped DAC Capacitors and Dual-Path Bootstrapped Switch. IEEE Journal of Solid-State Circuits, 2021, 56, 2347-2359.	5.4	9
5	Low-Noise, Low-Power Pulse Shaper for Particle Detection (Invited Paper). , 2020, , .		0
6	Simulation and measurement of image charge detection with printed-circuit-board detector and differential amplifier. Review of Scientific Instruments, 2020, 91, 053302.	1.3	6
7	A Solid-State Charge Detector With Gain Calibration Using Photocurrent. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9398-9407.	4.7	5
8	An 8-bit 10-GHz 21-mW Time-Interleaved SAR ADC With Grouped DAC Capacitors and Dual-Path Bootstrapped Switch. IEEE Solid-State Circuits Letters, 2019, 2, 83-86.	2.0	8
9	An 8-bit 10-GHz 21-mW Time-Interleaved SAR ADC With Grouped DAC Capacitors and Dual-Path Bootstrapped Switch. , 2019, , .		1
10	Direct Measurement of High-Gain and Complementary Charge-Steering Amplifiers. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 714-718.	3.0	4