

Hongying Wang

List of Publications by Year in descending order

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10
papers

120
citations

1684188

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h-index

1872680

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10
all docs

10
docs citations

10
times ranked

129
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mixed-Signal Control Core for a Fully Integrated Semiconductor Quantum Computer System-on-Chip. , 2019, , .		37
2	A Single-Electron Injection Device for CMOS Charge Qubits Implemented in 22-nm FD-SOI. IEEE Solid-State Circuits Letters, 2020, 3, 206-209.	2.0	21
3	An Event-Driven Quasi-Level-Crossing Delta Modulator Based on Residue Quantization. IEEE Journal of Solid-State Circuits, 2020, 55, 298-311.	5.4	19
4	A Fully Integrated DAC for CMOS Position-Based Charge Qubits with Single-Electron Detector Loopback Testing. IEEE Solid-State Circuits Letters, 2020, 3, 354-357.	2.0	15
5	Position-Based CMOS Charge Qubits for Scalable Quantum Processors at 4K. , 2020, , .		9
6	An Adaptive-Resolution Quasi-Level-Crossing Delta Modulator With VCO-Based Residue Quantizer. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2828-2832.	3.0	7
7	An Adaptive-Resolution Quasi-Level-Crossing-Sampling ADC Based on Residue Quantization in 28-nm CMOS. IEEE Solid-State Circuits Letters, 2018, 1, 178-181.	2.0	6
8	Passive SC $\Delta\Sigma$ Modulator Based on Pipelined Charge-Sharing Rotation in 28-nm CMOS. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 578-589.	5.4	5
9	Frequency-domain adaptive-resolution level-crossing-sampling ADC. , 2017, , .		1
10	A 16-bit low-power double-sampled delta sigma modulator for audio applications. , 2015, , .		0