

Seungchul Jung

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

304
citations

1684188

5
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	A crossbar array of magnetoresistive memory devices for in-memory computing. <i>Nature</i> , 2022, 601, 211-216.	27.8	214
2	An Implantable Wireless Charger System with \tilde{A} —8.91 Increased Charging Power Using Smartphone and Relay Coil. , 2021, , .		4
3	Always-On Sub-Microwatt Spiking Neural Network Based on Spike-Driven Clock- and Power-Gating for an Ultra-Low-Power Intelligent Device. <i>Frontiers in Neuroscience</i> , 2021, 15, 684113.	2.8	2
4	A Single-Inductorâ€™Multiple-Output (SIMO) 0.8-V/1.8-V/12-V Step-Up/Down Converter With Low-Quiescent Current for Implantable Electroceutical SoCs. <i>IEEE Solid-State Circuits Letters</i> , 2021, 4, 182-185.	2.0	3
5	A Soft-Charging-Based SC DCâ€™DC Boost Converter With Conversion-Ratio-Insensitive High Efficiency for Energy Harvesting in Miniature Sensor Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020, 67, 3601-3612.	5.4	13
6	Always-On, Sub-300-nW, Event-Driven Spiking Neural Network based on Spike-Driven Clock-Generation and Clock- and Power-Gating for an Ultra-Low-Power Intelligent Device. , 2020, , .		11
7	A Conversion-Ratio-Insensitive High Efficiency Soft-Charging-Based SC DC-DC Boost Converter for Energy Harvesting in Miniature Sensor Systems. , 2019, , .		2
8	Auto-Scaling Overdrive Method Using Adaptive Charge Amplification for PRAM Write Performance Enhancement. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2014, 61, 3165-3174.	5.4	4
9	Transformer Coupled Recycle Snubber for High-Efficiency Offline Isolated LED Driver With On-Chip Primary-Side Power Regulation. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 6710-6719.	7.9	20
10	Accurate Dead-Time Control for Synchronous Buck Converter With Fast Error Sensing Circuits. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013, 60, 3080-3089.	5.4	24
11	High Area-Efficient DC-DC Converter With High Reliability Using Time-Mode Miller Compensation (TMMC). <i>IEEE Journal of Solid-State Circuits</i> , 2013, 48, 2457-2468.	5.4	7