

# Seungchul Jung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8486775/publications.pdf>

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