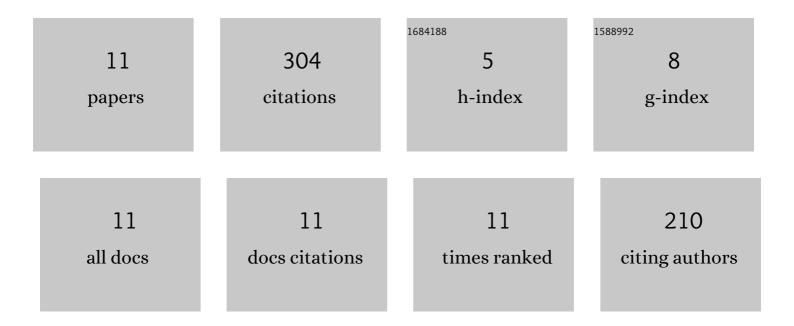
## Seungchul Jung

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8486775/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A crossbar array of magnetoresistive memory devices for in-memory computing. Nature, 2022, 601, 211-216.	27.8	214
2	An Implantable Wireless Charger System with ×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. Frontiers in Neuroscience, 2021, 15, 684113.	2.8	2
4	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
5	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
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. IEEE Transactions on Circuits and Systems I: Regular Papers, 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. IEEE Transactions on Industrial Electronics, 2014, 61, 6710-6719.	7.9	20
10	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
11	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