

# Xueyuan She

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

210  
citations

1684188

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1720034

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g-index

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docs citations

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times ranked

197  
citing authors

#	ARTICLE	IF	CITATIONS
1	MONETA: A Processing-In-Memory-Based Hardware Platform for the Hybrid Convolutional Spiking Neural Network With Online Learning. <i>Frontiers in Neuroscience</i> , 2022, 16, 775457.	2.8	3
2	Reliable Edge Intelligence in Unreliable Environment. , 2021, , .		4
3	SPEED: Spiking Neural Network With Event-Driven Unsupervised Learning and Near-Real-Time Inference for Event-Based Vision. <i>IEEE Sensors Journal</i> , 2021, 21, 20578-20588.	4.7	3
4	ScieNet: Deep learning with spike-assisted contextual information extraction. <i>Pattern Recognition</i> , 2021, 118, 108002.	8.1	5
5	A Fully Spiking Hybrid Neural Network for Energy-Efficient Object Detection. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 9014-9029.	9.8	15
6	SAFE-DNN: A Deep Neural Network With Spike Assisted Feature Extraction For Noise Robust Inference. , 2020, , .		3
7	Processing-In-Memory-Based On-Chip Learning With Spike-Time-Dependent Plasticity in 65-nm CMOS. <i>IEEE Solid-State Circuits Letters</i> , 2020, 3, 278-281.	2.0	9
8	A Heterogeneous Spiking Neural Network for Unsupervised Learning of Spatiotemporal Patterns. <i>Frontiers in Neuroscience</i> , 2020, 14, 615756.	2.8	13
9	A Ferroelectric FET-Based Processing-in-Memory Architecture for DNN Acceleration. <i>IEEE Journal on Exploratory Solid-State Computational Devices and Circuits</i> , 2019, 5, 113-122.	1.5	40
10	Design of Reliable DNN Accelerator with Un-reliable ReRAM. , 2019, , .		88
11	Fast and Low-Precision Learning in GPU-Accelerated Spiking Neural Network. , 2019, , .		14
12	Improving Robustness of ReRAM-based Spiking Neural Network Accelerator with Stochastic Spike-timing-dependent-plasticity. , 2019, , .		11
13	Accelerating biophysical neural network simulation with region of interest based approximation. , 2018, , .		2