

# Sumit Bam Shrestha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5144227/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Hand-Gesture Recognition Based on EMG and Event-Based Camera Sensor Fusion: A Benchmark in Neuromorphic Computing. <i>Frontiers in Neuroscience</i> , 2020, 14, 637.	1.4	87
2	Adaptive learning rate of SpikeProp based on weight convergence analysis. <i>Neural Networks</i> , 2015, 63, 185-198.	3.3	51
3	Event-Based Angular Velocity Regression with Spiking Networks. , 2020, , .		39
4	Kernel online learning with adaptive kernel width. <i>Neurocomputing</i> , 2016, 175, 233-242.	3.5	32
5	Robust spike-train learning in spike-event based weight update. <i>Neural Networks</i> , 2017, 96, 33-46.	3.3	17
6	On-chip Few-shot Learning with Surrogate Gradient Descent on a Neuromorphic Processor. , 2020, , .		16
7	Robust learning in SpikeProp. <i>Neural Networks</i> , 2017, 86, 54-68.	3.3	15
8	Robustness to Training Disturbances in SpikeProp Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 3126-3139.	7.2	14
9	Online learning with kernel regularized least mean square algorithms. <i>Knowledge-Based Systems</i> , 2014, 59, 21-32.	4.0	12
10	Weight convergence of SpikeProp and adaptive learning rate. , 2013, , .		7
11	Event Based Weight Update for Learning Infinite Spike Train. , 2016, , .		6
12	Adaptive delay learning in SpikeProp based on delay convergence analysis. , 2016, , .		6
13	Live Demonstration: On-chip Few-shot Learning with Surrogate Gradient Descent on a Neuromorphic Processor. , 2020, , .		3