# Sumit Bam Shrestha

List of Publications by Year
in descending order

| 13 papers | 305 citations | 1307366<br>7 h-index | 1719901<br>7 g-index |
|-----------|---------------|------------------------|------------------------|
| 13 all docs | 13 docs citations | 13 times ranked | 296 citing authors |

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