Thomas Pfeil

List of Publications by Year
in descending order

		1478505	1872680
7 papers	808 citations	6 h-index	6 g-index
7 all docs	7 docs citations	7 times ranked	970 citing authors

#	Article	IF	Citations
1	Deep Learning With Spiking Neurons: Opportunities and Challenges. Frontiers in Neuroscience, 2018, 12, 774.	2.8	409
2	Effect of Heterogeneity on Decorrelation Mechanisms in Spiking Neural Networks: A Neuromorphic-Hardware Study. Physical Review X, 2016, 6, .	8.9	15
3	A neuromorphic network for generic multivariate data classification. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2081-2086.	7.1	96
4	Neuromorphic learning towards nano second precision. , 2013, , .		8
5	Six Networks on a Universal Neuromorphic Computing Substrate. Frontiers in Neuroscience, 2013, 7, 11.	2.8	131
6	Is a 4-Bit Synaptic Weight Resolution Enough? â€" Constraints on Enabling Spike-Timing Dependent Plasticity in Neuromorphic Hardware. Frontiers in Neuroscience, 2012, 6, 90.	2.8	77
7	A comprehensive workflow for general-purpose neural modeling with highly configurable neuromorphic hardware systems. Biological Cybernetics, 2011, 104, 263-296.	1.3	72