

Thomas Pfeil

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

808
citations

1478505

6
h-index

1872680

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