

# Laszlo Bako

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

174  
citations

1937457

4  
h-index

1372474

10  
g-index

24  
all docs

24  
docs citations

24  
times ranked

290  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Medicago CDKC;1-CYCLINT;1 kinase complex phosphorylates the carboxy-terminal domain of RNA polymerase II and promotes transcription. Plant Journal, 2005, 42, 810-820.	2.8	60
2	Detrended Fluctuation Analysis of EEG Signals. Procedia Technology, 2014, 12, 125-132.	1.1	47
3	Real-time classification of datasets with hardware embedded neuromorphic neural networks. Briefings in Bioinformatics, 2010, 11, 348-363.	3.2	11
4	Neural control based on RBF network implemented on FPGA. , 2008, , .		7
5	Vicilogic 2.0: Online Learning and Prototyping of Digital Systems Using PYNQ-Z1/-Z2 SoC. , 2018, , .		7
6	FPGA Parallel Implementation of CMAC Type Neural Network with on Chip Learning. , 2007, , .		6
7	Real-Time Clustering of Datasets with Hardware Embedded Neuromorphic Neural Networks. , 2009, , .		5
8	Neuromorphic Neural Network Parallelization on CUDA Compatible GPU for EEG Signal Classification. , 2012, , .		5
9	Embedded Implementation of a Real-Time Motion Estimation Method in Video Sequences. Procedia Technology, 2016, 22, 897-904.	1.1	5
10	The chromatin-modifying protein HUB2 is involved in the regulation of lignin composition in xylem vessels. Journal of Experimental Botany, 2020, 71, 5484-5494.	2.4	4
11	Embedded neural controllers based on spiking neuron models. Pollack Periodica, 2009, 4, 143-154.	0.2	4
12	Visual trajectory control of a mobile robot using FPGA implemented neural network. Pollack Periodica, 2009, 4, 129-142.	0.2	3
13	Hardware implemented adaptive neuro fuzzy system. , 2015, , .		3
14	Multichannel EEG Signal Recording Analysis based on Cross Frequency Coupling Method. Procedia Technology, 2014, 12, 133-140.	1.1	2
15	Audio DSP remote hardware prototyping and console creation. , 2018, , .		2
16	A novel bio-signal acquisition system for brain computer interfaces. , 2013, , .		1
17	RISC-V Online Tutor. Lecture Notes in Networks and Systems, 2022, , 131-143.	0.5	1
18	Embedded Implementation of a Resource-Efficient Optical Flow Extraction Method. MACRo 2015, 2015, 1, 163-175.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Hardware implementation of delay-coded spiking-RBF neural network for unsupervised clustering. , 2008, , .		0
20	Evolving advanced neural networks on run-time reconfigurable digital hardware platform. , 2013, , .		0
21	Design and validation of a low resource-cost video data processing method for embedded implementation of optical flow extraction. , 2015, , .		0
22	ICCapt: Online design capture and HDL generation, with PYNQ SoC prototyping in the cloud. , 2018, , .		0
23	Displacement detection method in video feeds using a distributed architecture on SoC platform for real-time control applications. , 2018, , .		0
24	Testing and analysis of battery wear characteristics. , 2019, , .		0