

Juan Manuel Moreno Arostegui

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

156
citations

1684188

5
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	The Future Roadmap of In-Vehicle Network Processing: A HW-Centric (R-)evolution. IEEE Access, 2022, 10, 69223-69249.	4.2	9
2	An Architecture for Real-Time Arbitrary and Variable Sampling Rate Conversion With Application to the Processing of Harmonic Signals. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 1653-1666.	5.4	3
3	A "HOLTER" for Parkinson's disease: Validation of the ability to detect on-off states using the REMPARK system. Gait and Posture, 2018, 59, 1-6.	1.4	46
4	A self-adaptive hardware architecture with fault tolerance capabilities. Neurocomputing, 2013, 121, 25-31.	5.9	7
5	Description of a Fault Tolerance System Implemented in a Hardware Architecture with Self-adaptive Capabilities. Lecture Notes in Computer Science, 2011, , 557-564.	1.3	1
6	Implementation of a Power-Aware Dynamic Fault Tolerant Mechanism on the Ubichip Platform. Lecture Notes in Computer Science, 2010, , 299-309.	1.3	2
7	Performance Evaluation and Scaling of a Multiprocessor Architecture Emulating Complex SNN Algorithms. Lecture Notes in Computer Science, 2010, , 145-156.	1.3	1
8	A Bio-Inspired Agent Framework for Hardware Accelerated Distributed Pervasive Applications. , 2009, , .		2
9	The PERPLEXUS bio-inspired hardware platform: A flexible and modular approach. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2008, 12, 201-212.	1.0	6
10	The Perplexus bio-inspired reconfigurable circuit. , 2007, , .		47
11	A Novel Hardware Architecture for Self-adaptive Systems. , 2007, , .		3
12	PERPLEXUS: Pervasive Computing Framework for Modeling Complex Virtually-Unbounded Systems. , 2007, , .		21
13	Hardware optimization and serial implementation of a novel spiking neuron model for the POEtic tissue. BioSystems, 2004, 76, 201-208.	2.0	8
14	A fuzzy controller for switching regulators with programmable control surfaces. Lecture Notes in Computer Science, 1997, , 851-860.	1.3	0