# Juan Manuel Moreno Arostegui

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 Perplexus bio-inspired reconfigurable circuit. , 2007, , . | | 47 |
| 2 | A â€œHOLTERâ€•for Parkinsonâ€™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 |
| 3 | PERPLEXUS: Pervasive Computing Framework for Modeling Complex Virtually-Unbounded Systems. , 2007, , . | | 21 |
| 4 | The Future Roadmap of In-Vehicle Network Processing: A HW-Centric (R-)evolution. IEEE Access, 2022, 10, 69223-69249. | 4.2 | 9 |
| 5 | Hardware optimization and serial implementation of a novel spiking neuron model for the POEtic tissue. BioSystems, 2004, 76, 201-208. | 2.0 | 8 |
| 6 | A self-adaptive hardware architecture with fault tolerance capabilities. Neurocomputing, 2013, 121, 25-31. | 5.9 | 7 |
| 7 | 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 |
| 8 | A Novel Hardware Architecture for Self-adaptive Systems. , 2007, , . | | 3 |
| 9 | 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 |
| 10 | A Bio-Inspired Agent Framework for Hardware Accelerated Distributed Pervasive Applications. , 2009, , . | | 2 |
| 11 | Implementation of a Power-Aware Dynamic Fault Tolerant Mechanism on the Ubichip Platform. Lecture Notes in Computer Science, 2010, , 299-309. | 1.3 | 2 |
| 12 | 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 |
| 13 | Performance Evaluation and Scaling of a Multiprocessor Architecture Emulating Complex SNN Algorithms. Lecture Notes in Computer Science, 2010, , 145-156. | 1.3 | 1 |
| 14 | A fuzzy controller for switching regulators with programmable control surfaces. Lecture Notes in Computer Science, 1997, , 851-860. | 1.3 | 0 |