Pedro C Diniz

List of Publications by Year
in descending order

11 papers	**602** citations	1684188 **5** h-index	1588992 **8** g-index
12 all docs	**12** docs citations	**12** times ranked	**744** citing authors

#	Article	IF	Citations
1	A Faddeev Systolic Array for EKF-SLAM and its Arithmetic Data Representation Impact on FPGA. Journal of Signal Processing Systems, 2018, 90, 357-369.	2.1	4
2	A DSL for specifying run-time adaptations for embedded systems: an application to vehicle stereo navigation. Journal of Supercomputing, 2014, 70, 1218-1248.	3.6	2
3	A Domain-Specific Language for the Specification of Adaptable Context Inference. , 2011, , .		6
4	Domain-Specific Optimization of Signal Recognition Targeting FPGAs. ACM Transactions on Reconfigurable Technology and Systems, 2011, 4, 1-26.	2.5	0
5	Preprocessing techniques for context recognition from accelerometer data. Personal and Ubiquitous Computing, 2010, 14, 645-662.	2.8	489
6	Providing user context for mobile and social networking applications. Pervasive and Mobile Computing, 2010, 6, 324-341.	3.3	56
7	A new CMOS SiGeC avalanche photo-diode pixel for IR sensing. , 2009, , .		2
8	Context Inference for Mobile Applications in the UPCASE Project. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 352-365.	0.3	11
9	A compiler approach to managing storage and memory bandwidth in configurable architectures. ACM Transactions on Design Automation of Electronic Systems, 2008, 13, 1-26.	2.6	21
10	Synchronization transformations for parallel computing. Concurrency and Computation: Practice and Experience, 1999, 11, 773-802.	0.5	0
11	On the Complexity of Commutativity Analysis. International Journal of Foundations of Computer Science, 1997, 08, 81-94.	1.1	2