Jaber Karimpour

List of Publications by Year
in descending order

17 papers	36 citations	2258059 3 h-index	2053705 5 g-index
17 all docs	17 docs citations	17 times ranked	31 citing authors

#	Article	IF	Citations
1	3âD data partitioning for 3âlevel perfectly nested loops on heterogeneous distributed systems. Concurrency Computation Practice and Experience, 2017, 29, e3976.	2.2	5
2	Early performance assessment in componentâbased software systems. IET Software, 2013, 7, 118-128.	2.1	4
3	Optimizing inter-nest data locality in imperfect stencils based on loop blocking. Journal of Supercomputing, 2018, 74, 5432-5460.	3.6	4
4	A new formalism for mathematical description andÂverification of component-based systems. Journal of Supercomputing, 2009, 49, 334-353.	3.6	3
5	Formal framework for specifying dynamic reconfiguration of adaptive systems. IET Software, 2013, 7, 258-270.	2.1	3
6	Bisimulation for Secure Information Flow Analysis of Multi-Threaded Programs. Mathematical and Computational Applications, 2019, 24, 64.	1.3	3
7	Information leakage of multi-threaded programs. Computers and Electrical Engineering, 2019, 78, 400-419.	4.8	3
8	Fault-Tolerant Base Station Based Target Tracking in WSNs. , 2011, , .		2
9	Topology and computational-power aware tile mapping of perfectly nested loops with dependencies on distributed systems. Journal of Parallel and Distributed Computing, 2019, 129, 14-35.	4.1	2
10	Channel Capacity of Concurrent Probabilistic Programs. Entropy, 2019, 21, 885.	2.2	2
11	A new routing algorithm for wireless sensor networks. , 2010, , .		1
12	An analytical model for source code distributability verification. Journal of Zhejiang University: Science C, 2014, 15, 126-138.	0.7	1
13	SEECC: A secure and efficient elliptic curve cryptosystem for E-health applications. , 2016, , .		1
14	Intra-Tile Parallelization for Two-Level Perfectly Nested Loops With Non-Uniform Dependences. Computer Journal, 2021, 64, 1358-1383.	2.4	1
15	Secure Information Flow Analysis Using the PRISM Model Checker. Lecture Notes in Computer Science, 2019, , 154-172.	1.3	1
16	Prioritizing Methods to Accelerate Probabilistic Model Checking of Discrete-Time Markov Models. Computer Journal, 0, , .	2.4	0
17	Specifying a New Requirement Model for Secure Adaptive Systems. Computer Journal, 2020, 63, 1148-1167.	2.4	0