Mauro Bisson

List of Publications by Year
in descending order

9 papers	**112** citations	1307594 **7** h-index	1588992 **8** g-index
9 all docs	**9** docs citations	**9** times ranked	**124** citing authors

#	Article	IF	Citations
1	High performance implementations of the 2D Ising model on GPUs. Computer Physics Communications, 2020, 256, 107473.	7.5	9
2	A GPU Implementation of the Sparse Deep Neural Network Graph Challenge. , 2019, , .		13
3	Multilevel Parallelism for the Exploration of Large-Scale Graphs. IEEE Transactions on Multi-Scale Computing Systems, 2018, 4, 204-216.	2.4	6
4	High Performance Exact Triangle Counting on GPUs. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 3501-3510.	5.6	26
5	A Factored Sparse Approximate Inverse Preconditioned Conjugate Gradient Solver on Graphics Processing Units. SIAM Journal of Scientific Computing, 2016, 38, C53-C72.	2.8	17
6	Risk assessment of atherosclerotic plaques based on global biomechanics. Medical Engineering and Physics, 2013, 35, 1290-1297.	1.7	7
7	Multiscale Hemodynamics Using GPU Clusters. Communications in Computational Physics, 2012, 11, 48-64.	1.7	14
8	A fast, GPU based, dictionary attack to OpenPGP secret keyrings. Journal of Systems and Software, 2011, 84, 2088-2096.	4.5	11
9	Parallel Molecular Dynamics with Irregular Domain Decomposition. Communications in Computational Physics, 2011, 10, 1071-1088.	1.7	9