

Shoaib Kamil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10949661/publications.pdf>

Version: 2024-02-01

13
papers

1,365
citations

1937685

4
h-index

1872680

6
g-index

13
all docs

13
docs citations

13
times ranked

870
citing authors

#	ARTICLE	IF	CITATIONS
1	OpenTuner. , 2014, , .		334
2	The potential of the cell processor for scientific computing. , 2006, , .		218
3	The tensor algebra compiler. , 2017, 1, 1-29.		183
4	Optimization and Performance Modeling of Stencil Computations on Modern Microprocessors. SIAM Review, 2009, 51, 129-159.	9.5	179
5	An auto-tuning framework for parallel multicore stencil computations. , 2010, , .		143
6	Implicit and explicit optimizations for stencil computations. , 2006, , .		96
7	Impact of modern memory subsystems on cache optimizations for stencil computations. , 2005, , .		74
8	Scientific Computing Kernels on the Cell Processor. International Journal of Parallel Programming, 2007, 35, 263-298.	1.5	56
9	Energy-Efficient Computing for Extreme-Scale Science. Computer, 2009, 42, 62-71.	1.1	45
10	Hardware/software co-design of global cloud system resolving models. Journal of Advances in Modeling Earth Systems, 2011, 3, .	3.8	14
11	ParSy: Inspection and Transformation of Sparse Matrix Computations for Parallelism. , 2018, , .		14
12	Sparsity-Specific Code Optimization using Expression Trees. ACM Transactions on Graphics, 2022, 41, 1-19.	7.2	5
13	EGGS: Sparsityâ€™specific Code Generation. Computer Graphics Forum, 2020, 39, 209-219.	3.0	4