Shoaib Kamil

List of Publications by Year
in descending order

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