

# Fredrik Berg Kjolstad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3481266/publications.pdf>

Version: 2024-02-01

18  
papers

530  
citations

2258059

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g-index

19  
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19  
docs citations

19  
times ranked

272  
citing authors

#	ARTICLE	IF	CITATIONS
1	The tensor algebra compiler. , 2017, 1, 1-29.		183
2	Format abstraction for sparse tensor algebra compilers. , 2018, 2, 1-30.		60
3	Ghost Cell Pattern. , 2010, , .		41
4	Simit. ACM Transactions on Graphics, 2016, 35, 1-21.	7.2	39
5	A sparse iteration space transformation framework for sparse tensor algebra. , 2020, 4, 1-30.		30
6	Taco: A tool to generate tensor algebra kernels. , 2017, , .		25
7	Tensor Algebra Compilation with Workspaces. , 2019, , .		25
8	Transformation for class immutability. , 2011, , .		19
9	MPI datatype processing using runtime compilation. , 2013, , .		19
10	Creating an Agile Hardware Design Flow. , 2020, , .		18
11	Automatic generation of efficient sparse tensor format conversion routines. , 2020, , .		15
12	Compilation of sparse array programming models. , 2021, 5, 1-29.		13
13	DISTAL: the distributed tensor algebra compiler. , 2022, , .		10
14	Autoscheduling for sparse tensor algebra with an asymptotic cost model. , 2022, , .		9
15	AHA: An Agile Approach to the Design of Coarse-Grained Reconfigurable Accelerators and Compilers. Transactions on Embedded Computing Systems, 2023, 22, 1-34.	2.9	8
16	Sparse Tensor Transpositions. , 2020, , .		5
17	Copy-and-patch compilation: a fast compilation algorithm for high-level languages and bytecode. , 2021, 5, 1-30.		5
18	Automatic datatype generation and optimization. ACM SIGPLAN Notices, 2012, 47, 327-328.	0.2	2