

# Nicolas Vasilache

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11980104/publications.pdf>

Version: 2024-02-01

8  
papers

575  
citations

1937685

4  
h-index

2053705

5  
g-index

9  
all docs

9  
docs citations

9  
times ranked

229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semi-Automatic Composition of Loop Transformations for Deep Parallelism and Memory Hierarchies. International Journal of Parallel Programming, 2006, 34, 261-317.	1.5	156
2	MLIR: Scaling Compiler Infrastructure for Domain Specific Computation. , 2021, , .		132
3	Iterative Optimization in the Polyhedral Model: Part I, One-Dimensional Time. , 2007, , .		77
4	Facilitating the search for compositions of program transformations. , 2005, , .		72
5	Loop transformations. ACM SIGPLAN Notices, 2011, 46, 549-562.	0.2	32
6	The Next 700 Accelerated Layers. Transactions on Architecture and Code Optimization, 2019, 16, 1-26.	2.0	27
7	Tiling and optimizing time-iterated computations on periodic domains. , 2014, , .		25
8	Automatic Correction of Loop Transformations. Parallel Architecture and Compilation Techniques (PACT), Proceedings of the International Conference on, 2007, , .	0.0	4