

# Mary Sheeran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12122578/publications.pdf>

Version: 2024-02-01

16  
papers

748  
citations

1307594

7  
h-index

1372567

10  
g-index

16  
all docs

16  
docs citations

16  
times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Checking Safety Properties Using Induction and a SAT-Solver. Lecture Notes in Computer Science, 2000, , 127-144.	1.3	343
2	Design exploration through code-generating DSLs. Communications of the ACM, 2014, 57, 56-63.	4.5	115
3	A Tutorial on Stålmarck's Proof Procedure for Propositional Logic. Formal Methods in System Design, 2000, 16, 23-58.	0.8	72
4	Feldspar: A domain specific language for digital signal processing algorithms. , 2010, , .		60
5	Expressive array constructs in an embedded GPU kernel programming language. , 2012, , .		58
6	SAT-Solving in Practice, with a Tutorial Example from Supervisory Control. Discrete Event Dynamic Systems: Theory and Applications, 2009, 19, 495-524.	1.5	26
7	GPGPU kernel implementation and refinement using Obsidian. Procedia Computer Science, 2010, 1, 2065-2074.	2.0	20
8	SAT-solving in practice. , 2008, , .		12
9	The Design and Verification of a Sorter Core. Lecture Notes in Computer Science, 2001, , 355-368.	1.3	12
10	Functional and dynamic programming in the design of parallel prefix networks. Journal of Functional Programming, 2011, 21, 59-114.	0.8	10
11	Using Lava to design and verify recursive and periodic sorters. International Journal on Software Tools for Technology Transfer, 2003, 4, 349-358.	1.9	8
12	Generating Fast Multipliers Using Clever Circuits. Lecture Notes in Computer Science, 2004, , 6-20.	1.3	7
13	Finding Regularity: Describing and Analysing Circuits That Are Not Quite Regular. Lecture Notes in Computer Science, 2003, , 4-18.	1.3	5
14	A language for hierarchical data parallel design-space exploration on GPUs. Journal of Functional Programming, 2016, 26, .	0.8	0
15	Functional programming and hardware design: still interesting after all these years. , 2015, , .		0
16	Functional programming and hardware design: still interesting after all these years. ACM SIGPLAN Notices, 2015, 50, 165-165.	0.2	0