

# Susan Horwitz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11069494/publications.pdf>

Version: 2024-02-01

15  
papers

2,949  
citations

840776

11  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interprocedural slicing using dependence graphs. ACM Transactions on Programming Languages and Systems, 1990, 12, 26-60.	2.1	1,134
2	Precise interprocedural dataflow analysis via graph reachability. , 1995, , .		810
3	Integrating noninterfering versions of programs. ACM Transactions on Programming Languages and Systems, 1989, 11, 345-387.	2.1	294
4	Fast and accurate flow-insensitive points-to analysis. , 1997, , .		194
5	Incremental program testing using program dependence graphs. , 1993, , .		159
6	Precise flow-insensitive may-alias analysis is NP-hard. ACM Transactions on Programming Languages and Systems, 1997, 19, 1-6.	2.1	80
7	Generating editing environments based on relations and attributes. ACM Transactions on Programming Languages and Systems, 1986, 8, 577-608.	2.1	69
8	Speeding up slicing. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1994, 19, 11-20.	0.7	45
9	Identifying the semantic and textual differences between two versions of a program. ACM SIGPLAN Notices, 1990, 25, 234-245.	0.2	33
10	Better Debugging via Output Tracing and Callstack-Sensitive Slicing. IEEE Transactions on Software Engineering, 2010, 36, 7-19.	5.6	25
11	Demand interprocedural dataflow analysis. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1995, 20, 104-115.	0.7	23
12	Pointer analysis for programs with structures and casting. ACM SIGPLAN Notices, 1999, 34, 91-103.	0.2	14
13	Using static single assignment form to improve flow-insensitive pointer analysis. ACM SIGPLAN Notices, 1998, 33, 97-105.	0.2	11
14	Using Static Analysis to Reduce Dynamic Analysis Overhead. Formal Methods in System Design, 2005, 27, 313-334.	0.8	10
15	On the non-approximability of points-to analysis. Acta Informatica, 2002, 38, 587-598.	0.5	3