Hans-J Boehm

List of Publications by Year
in descending order

21	1,051	1307594 7	1199594 12
papers	citations	h-index	g-index

23	23	23	351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Foundations of the C++ concurrency memory model. , 2008, , .		332
2	Mostly parallel garbage collection. ACM SIGPLAN Notices, 1991, 26, 157-164.	0.2	85
3	Threads cannot be implemented as a library. , 2005, , .		75
4	Exact real arithmetic: a case study in higher order programming. , 1986, , .		62
5	Foundations of the C++ concurrency memory model. ACM SIGPLAN Notices, 2008, 43, 68-78.	0.2	57
6	Ropes: An alternative to strings. Software - Practice and Experience, 1995, 25, 1315-1330.	3.6	50
7	Threads cannot be implemented as a library. ACM SIGPLAN Notices, 2005, 40, 261-268.	0.2	44
8	Reducing garbage collector cache misses. , 2000, , .		35
9	Makalu: fast recoverable allocation of non-volatile memory. ACM SIGPLAN Notices, 2016, 51, 677-694.	0.2	31
10	Partial polymorphic type inference is undecidable. , 1985, , .		27
11	Reordering constraints for pthread-style locks. , 2007, , .		14
12	Optimizing programs over the constructive reals. , 1990, , .		12
13	An almost non-blocking stack. , 2004, , .		10
14	The constructive reals as a Java library. The Journal of Logic and Algebraic Programming, 2005, 64, 3-11.	1.4	10
15	Conflict exceptions. Computer Architecture News, 2010, 38, 210-221.	2.5	6
16	Towards an API for the real numbers. , 2020, , .		5
17	Simple garbage-collector-safety. ACM SIGPLAN Notices, 1996, 31, 89-98.	0.2	4
18	Destructors, finalizers, and synchronization. ACM SIGPLAN Notices, 2003, 38, 262-272.	0.2	4

#	Article	IF	Citations
19	The space cost of lazy reference counting. ACM SIGPLAN Notices, 2004, 39, 210-219.	0.2	3
20	Small-data computing. Communications of the ACM, 2017, 60, 44-49.	4.5	2
21	Optimizing programs over the constructive reals. ACM SIGPLAN Notices, 1990, 25, 102-111.	0.2	0