Mitchell Wand

List of Publications by Year
in descending order

46	1,199	567281 15	434195 31
papers	citations	h-index	g-index

46	46	46	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Final algebra semantics and data type extensions. Journal of Computer and System Sciences, 1979, 19, 27-44.	1.2	124
2	Continuation-Based Program Transformation Strategies. Journal of the ACM, 1980, 27, 164-180.	2.2	107
3	Deriving Target Code as a Representation of Continuation Semantics. ACM Transactions on Programming Languages and Systems, 1982, 4, 496-517.	2.1	89
4	A Simple Algorithm and Proof for Type Inference1. Fundamenta Informaticae, 1987, 10, 115-121.	0.4	76
5	Reification. , 1984, , .		75
6	Obtaining coroutines with continuations. Computer Languages, Systems and Structures, 1986, 11, 143-153.	0.3	69
7	Type inference for record concatenation and multiple inheritance. Information and Computation, 1991, 93, 1-15.	0.7	59
8	Semantics-directed machine architecture. , 1982, , .		56
9	A New Incompleteness Result for Hoare's System. Journal of the ACM, 1978, 25, 168-175.	2.2	52
10	Lightweight closure conversion. ACM Transactions on Programming Languages and Systems, 1997, 19, 48-86.	2.1	44
11	VLISP: A verified implementation of Scheme. Higher-Order and Symbolic Computation, 1995, 8, 5-32.	0.6	43
12	The mystery of the tower revealed: A nonreflective description of the reflective tower. Higher-Order and Symbolic Computation, 1988, 1, 11-38.	0.6	36
13	Constraint systems for useless variable elimination. , 1999, , .		36
14	Specifying the correctness of binding-time analysis. Journal of Functional Programming, 1993, 3, 365-387.	0.8	29
15	Correctness of procedure representations in higher-order assembly language. Lecture Notes in Computer Science, 1992, , 294-311.	1.3	24
16	The Theory of Fexprs is Trivial. Higher-Order and Symbolic Computation, 1998, 10, 189-199.	0.6	23
17	First-order identities as a defining language. Acta Informatica, 1980, 14, 337.	0.5	22
18	The VLISP verified PreScheme compiler. Higher-Order and Symbolic Computation, 1995, 8, 111-182.	0.6	21

#	Article	IF	Citations
19	Type inference with non-structural subtyping. Formal Aspects of Computing, 1997, 9, 49-67.	1.8	18
20	Type reconstruction with recursive types and atomic subtyping. Lecture Notes in Computer Science, 1993, , 686-701.	1.3	16
21	Compiling lambda-expressions using continuations and factorizations. Computer Languages, Systems and Structures, 1978, 3, 241-263.	0.3	15
22	Specifying the correctness of binding-time analysis. , 1993, , .		15
23	A semantic prototyping system. ACM SIGPLAN Notices, 1984, 19, 213-221.	0.2	15
24	Specifications, models, and implementations of data abstractions. Theoretical Computer Science, 1982, 20, 3-32.	0.9	13
25	Type inference for partial types is decidable. Lecture Notes in Computer Science, 1992, , 408-417.	1.3	13
26	Proving the correctness of storage representations. , 1992, , .		12
27	Loops in combinator-based compilers. Information and Control, 1983, 57, 148-164.	1.1	11
28	CPS transformation of flow information. Journal of Functional Programming, 2003, 13, 905-923.	0.8	11
29	Set constraints for destructive array update optimization. Journal of Functional Programming, 2001, 11, 319-346.	0.8	10
30	Small bisimulations for reasoning about higher-order imperative programs. ACM SIGPLAN Notices, 2006, 41, 141-152.	0.2	10
31	A short proof of the lexical addressing algorithm. Information Processing Letters, 1990, 35, 1-5.	0.6	7
32	Denotational semantics using an operationally-based term model. , 1997, , .		7
33	Strong normalization with non-structural subtyping. Mathematical Structures in Computer Science, 1995, 5, 419-429.	0.6	6
34	Trampolined style. ACM SIGPLAN Notices, 1999, 34, 18-27.	0.2	6
35	Boolean-valued loops. BIT Numerical Mathematics, 1975, 15, 431-451.	2.0	5
36	Relating models of backtracking. ACM SIGPLAN Notices, 2004, 39, 54-65.	0.2	5

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37	Proving the correctness of storage representations. ACM SIGPLAN Lisp Pointers, 1992, V, 151-160.	0.1	4
38	A language for specifying recursive traversals of object structures. ACM SIGPLAN Notices, 1999, 34, 70-81.	0.2	4
39	What is LISP?. American Mathematical Monthly, 1984, 91, 32-42.	0.3	3
40	Continuation-Based Multiprocessing Revisited. Higher-Order and Symbolic Computation, 1999, 12, 283-283.	0.3	3
41	Incorporating static analysis in a combinator-based compiler. Information and Computation, 1989, 82, 151-184.	0.7	2
42	The Higher-Order Aggregate Update Problem. Lecture Notes in Computer Science, 2008, , 44-58.	1.3	1
43	The VLISP Verified PreScheme Compiler. , 1995, , 111-182.		1
44	Compiler correctness for concurrent languages. Lecture Notes in Computer Science, 1996, , 231-248.	1.3	1
45	Correctness of static flow analysis in continuation semantics. Science of Computer Programming, 1991, 16, 1-18.	1.9	0
46	Optimizing memory usage in higher-order programming languages. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2000, 25, 92.	0.7	0