

Jens Palsberg

List of Publications by Year in descending order

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66
papers

1,187
citations

516710

16
h-index

552781

26
g-index

67
all docs

67
docs citations

67
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable propagation-based call graph construction algorithms. , 2000, , .		159
2	Closure analysis in constraint form. ACM Transactions on Programming Languages and Systems, 1995, 17, 47-62.	2.1	70
3	Encapsulating objects with confined types. , 2001, , .		69
4	A type system equivalent to flow analysis. ACM Transactions on Programming Languages and Systems, 1995, 17, 576-599.	2.1	56
5	Featherweight X10. , 2010, , .		49
6	Scalable propagation-based call graph construction algorithms. ACM SIGPLAN Notices, 2000, 35, 281-293.	0.2	39
7	Efficient recursive subtyping. , 1993, , .		38
8	Efficient inference of partial types. Journal of Computer and System Sciences, 1994, 49, 306-324.	1.2	38
9	Efficient implementation of adaptive software. ACM Transactions on Programming Languages and Systems, 1995, 17, 264-292.	2.1	37
10	Correctness of binding-time analysis. Journal of Functional Programming, 1993, 3, 347-363.	0.8	35
11	Eta-expansion does The Trick. ACM Transactions on Programming Languages and Systems, 1996, 18, 730-751.	2.1	34
12	Efficient recursive subtyping. Mathematical Structures in Computer Science, 1995, 5, 113-125.	0.6	33
13	The essence of eta-expansion in partial evaluation. Higher-Order and Symbolic Computation, 1995, 8, 209-227.	0.6	32
14	From Polyvariant flow information to intersection and union types. Journal of Functional Programming, 2001, 11, 263-317.	0.8	31
15	Object-oriented type inference. ACM SIGPLAN Notices, 1991, 26, 146-161.	0.2	29
16	Safety analysis versus type inference for partial types. Information Processing Letters, 1992, 43, 175-180.	0.6	27
17	Type Inference of Self. , 1993, , 247-267.		26
18	Type substitution for object-oriented programming. , 1990, , .		25

#	ARTICLE	IF	CITATIONS
19	Type-based confinement. Journal of Functional Programming, 2006, 16, 83-128.	0.8	22
20	Constrained types and their expressiveness. ACM Transactions on Programming Languages and Systems, 1996, 18, 519-527.	2.1	19
21	Type inference of SELF: Analysis of objects with dynamic and multiple inheritance. Software - Practice and Experience, 1995, 25, 975-995.	3.6	18
22	Type inference with non-structural subtyping. Formal Aspects of Computing, 1997, 9, 49-67.	1.8	18
23	A Typed Interrupt Calculus. Lecture Notes in Computer Science, 2002, , 291-310.	1.3	18
24	Global program analysis in constraint form. , 1994, , 276-290.		16
25	A new approach to compiling adaptive programs. Science of Computer Programming, 1997, 29, 303-326.	1.9	16
26	Trust in the λ -calculus. Lecture Notes in Computer Science, 1995, , 314-329.	1.3	15
27	Decomposing Opacity. Lecture Notes in Computer Science, 2014, , 391-405.	1.3	15
28	A Type System Equivalent to a Model Checker. Lecture Notes in Computer Science, 2005, , 374-388.	1.3	13
29	Three discussions on object-oriented typing. ACM SIGPLAN OOPS Messenger, 1992, 3, 31-38.	0.1	13
30	Compiling actions by partial evaluation. , 1993, , .		12
31	Generating action compilers by partial evaluation. Journal of Functional Programming, 1996, 6, 269-298.	0.8	12
32	Efficient and Flexible Matching of Recursive Types. Information and Computation, 2001, 171, 364-387.	0.7	12
33	A type system equivalent to a model checker. ACM Transactions on Programming Languages and Systems, 2008, 30, 1-24.	2.1	12
34	Featherweight X10. ACM SIGPLAN Notices, 2010, 45, 25-36.	0.2	12
35	Typed self-interpretation by pattern matching. , 2011, , .		12
36	CPS transformation of flow information. Journal of Functional Programming, 2003, 13, 905-923.	0.8	11

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37	Type inference for record concatenation and subtyping. Information and Computation, 2004, 189, 54-86.	0.7	11
38	Efficient Type Matching. Lecture Notes in Computer Science, 2002, , 187-204.	1.3	10
39	Type substitution for object-oriented programming. ACM SIGPLAN Notices, 1990, 25, 151-160.	0.2	7
40	Static typing for object-oriented programming. Science of Computer Programming, 1994, 23, 19-53.	1.9	7
41	Strong normalization with non-structural subtyping. Mathematical Structures in Computer Science, 1995, 5, 419-429.	0.6	6
42	Static Typing for Object-Oriented Programming. DAIMI Report Series, 1991, 20, .	0.1	6
43	Evolution of object behavior using context relations. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1996, 21, 46-57.	0.7	5
44	Position statements on strategic directions for research on programming languages. ACM SIGPLAN Notices, 1997, 32, 59-65.	0.2	4
45	Declarative fence insertion. ACM SIGPLAN Notices, 2015, 50, 367-385.	0.2	4
46	Method Inlining, Dynamic Class Loading, and Type Soundness.. Journal of Object Technology, 2005, 4, 33.	0.9	4
47	Normal forms have partial types. Information Processing Letters, 1993, 45, 1-3.	0.6	3
48	Optimal Representations of Polymorphic Types with Subtyping. Higher-Order and Symbolic Computation, 1999, 12, 237-282.	0.3	3
49	Lightweight confinement for featherweight java. ACM SIGPLAN Notices, 2003, 38, 135-148.	0.2	3
50	Type-safe method inlining. Science of Computer Programming, 2004, 52, 281-306.	1.9	3
51	Automatic discovery of covariant read-only fields. ACM Transactions on Programming Languages and Systems, 2005, 27, 126-162.	2.1	3
52	Self-Representation in Girard's System U. ACM SIGPLAN Notices, 2015, 50, 471-484.	0.2	3
53	Strategic directions in research on programming languages. ACM Computing Surveys, 1996, 28, 644-652.	23.0	2
54	Binding Time Analysis: Abstract Interpretation vs. Type Inference. DAIMI Report Series, 1992, 21, .	0.1	2

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55	Types, Inheritance and Assignments: A collection of position papers from the ECOOP '91 workshop W5 (Geneva, Switzerland, 1991, 15-19 July). DAIMI Report Series, 1991, 20, .	0.1	2
56	Type-Safe Optimisation of Plugin Architectures. Lecture Notes in Computer Science, 2005, , 135-154.	1.3	1
57	Overloading Is NP-Complete. Lecture Notes in Computer Science, 2012, , 204-218.	1.3	1
58	Eta-Redexes in Partial Evaluation. Lecture Notes in Computer Science, 1999, , 356-366.	1.3	1
59	Class-graph inference for adaptive programs. Theory and Practice of Object Systems, 1997, 3, 75-85.	0.7	0
60	The ExoVM system for automatic VM and application reduction. ACM SIGPLAN Notices, 2007, 42, 352-362.	0.2	0
61	MEMOCODE 2006 guest editorsâ€™ introduction. Design Automation for Embedded Systems, 2008, 12, 95-95.	1.0	0
62	Improving the effectiveness of system verification. International Journal on Software Tools for Technology Transfer, 2008, 10, 111-112.	1.9	0
63	Agnostic Protocol Translation for Cross-Domain Information Sharing. , 2013, , .		0
64	Type Systems. , 2007, , 9-1-9-22.		0
65	Efficient Type Matching. , 2008, , 229-246.		0
66	Software evolution and integration. ACM Computing Surveys, 1996, 28, 200.	23.0	0