

# Greg Morrisett

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

1,860  
citations

20  
h-index

32  
g-index

32  
ext. papers

1,988  
ext. citations

1  
avg. IF

4.33  
L-index

#	Paper	IF	Citations
32	From system F to typed assembly language. <i>ACM Transactions on Programming Languages and Systems</i> , <b>1999</b> , 21, 527-568	1.6	323
31	Region-based memory management in cyclone <b>2002</b> ,		196
30	Compiling polymorphism using intensional type analysis <b>1995</b> ,		156
29	Typed memory management in a calculus of capabilities <b>1999</b> ,		122
28	Attacking Malicious Code: A Report to the Infosec Research Council. <i>IEEE Software</i> , <b>2000</b> , 17, 33-41	1.5	114
27	Typed closure conversion <b>1996</b> ,		99
26	Ynot <b>2008</b> ,		99
25	Hoare type theory, polymorphism and separation1. <i>Journal of Functional Programming</i> , <b>2008</b> , 18, 865-911.6		85
24	Typed memory management via static capabilities. <i>ACM Transactions on Programming Languages and Systems</i> , <b>2000</b> , 22, 701-771	1.6	80
23	Polymorphism and separation in hoare type theory <b>2006</b> ,		80
22	Abstract models of memory management <b>1995</b> ,		74
21	Alias Types. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 366-381	0.9	57
20	Effective interactive proofs for higher-order imperative programs <b>2009</b> ,		56
19	Experience with safe manual memory-management in cyclone <b>2004</b> ,		47
18	Alias Types for Recursive Data Structures. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 177-206	0.9	37
17	Stack-based typed assembly language. <i>Journal of Functional Programming</i> , <b>2002</b> , 12,	1.6	32
16	Safe manual memory management in Cyclone. <i>Science of Computer Programming</i> , <b>2006</b> , 62, 122-144	1.1	30

15	L3: A Linear Language with Locations. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 293-307	0.9	28
14	Intensional polymorphism in type-erasure semantics. <i>Journal of Functional Programming</i> , <b>2002</b> , 12, 567-600		28
13	Region-based memory management in cyclone. <i>ACM SIGPLAN Notices</i> , <b>2002</b> , 37, 282-293	0.2	21
12	RockSalt. <i>ACM SIGPLAN Notices</i> , <b>2012</b> , 47, 395-404	0.2	20
11	Compiling for template-based run-time code generation. <i>Journal of Functional Programming</i> , <b>2003</b> , 13, 677-708	1.6	17
10	Trace-based verification of imperative programs with I/O. <i>Journal of Symbolic Computation</i> , <b>2011</b> , 46, 95-118	0.8	15
9	Monadic regions. <i>Journal of Functional Programming</i> , <b>2006</b> , 16, 485-545	1.6	11
8	Effective interactive proofs for higher-order imperative programs. <i>ACM SIGPLAN Notices</i> , <b>2009</b> , 44, 79-90	0.2	8
7	Bidirectional Grammars for Machine-Code Decoding and Encoding. <i>Journal of Automated Reasoning</i> , <b>2018</b> , 60, 257-277	1	6
6	Stack-based typed assembly language. <i>Journal of Functional Programming</i> , <b>2003</b> , 13, 957-959	1.6	6
5	TIL. <i>ACM SIGPLAN Notices</i> , <b>2004</b> , 39, 554-567	0.2	5
4	Language-Based Security. <i>Journal of Functional Programming</i> , <b>2005</b> , 15, 129-129	1.6	3
3	Principals in programming languages. <i>ACM SIGPLAN Notices</i> , <b>1999</b> , 34, 197-207	0.2	3
2	Monadic regions. <i>ACM SIGPLAN Notices</i> , <b>2004</b> , 39, 103-114	0.2	1
1	Bidirectional Grammars for Machine-Code Decoding and Encoding. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 73-89	0.9	1