

# Greg Morrisett

## List of Publications by Year in descending order

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32  
papers

2,321  
citations

623574

14  
h-index

642610

23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

570  
citing authors

#	ARTICLE	IF	CITATIONS
1	From system F to typed assembly language. ACM Transactions on Programming Languages and Systems, 1999, 21, 527-568.	1.7	384
2	Region-based memory management in cyclone. , 2002, , .		263
3	Compiling polymorphism using intensional type analysis. , 1995, , .		199
4	Attacking Malicious Code: A Report to the Infosec Research Council. IEEE Software, 2000, 17, 33-41.	2.1	177
5	Typed memory management in a calculus of capabilities. , 1999, , .		150
6	Typed closure conversion. , 1996, , .		125
7	Ynot. , 2008, , .		105
8	Abstract models of memory management. , 1995, , .		102
9	Typed memory management via static capabilities. ACM Transactions on Programming Languages and Systems, 2000, 22, 701-771.	1.7	94
10	Hoare type theory, polymorphism and separation. Journal of Functional Programming, 2008, 18, 865-911.	0.5	94
11	Polymorphism and separation in hoare type theory. , 2006, , .		89
12	Alias Types. Lecture Notes in Computer Science, 2000, , 366-381.	1.0	78
13	Alias Types for Recursive Data Structures. Lecture Notes in Computer Science, 2001, , 177-206.	1.0	59
14	Experience with safe manual memory-management in cyclone. , 2004, , .		57
15	Effective interactive proofs for higher-order imperative programs. , 2009, , .		57
16	Stack-based typed assembly language. Journal of Functional Programming, 2002, 12, .	0.5	43
17	L3: A Linear Language with Locations. Lecture Notes in Computer Science, 2005, , 293-307.	1.0	36
18	Safe manual memory management in Cyclone. Science of Computer Programming, 2006, 62, 122-144.	1.5	35

#	ARTICLE	IF	CITATIONS
19	Intensional polymorphism in type-erasure semantics. <i>Journal of Functional Programming</i> , 2002, 12, 567-600.	0.5	34
20	Region-based memory management in cyclone. <i>ACM SIGPLAN Notices</i> , 2002, 37, 282-293.	0.2	27
21	RockSalt. <i>ACM SIGPLAN Notices</i> , 2012, 47, 395-404.	0.2	22
22	Compiling for template-based run-time code generation. <i>Journal of Functional Programming</i> , 2003, 13, 677-708.	0.5	19
23	Trace-based verification of imperative programs with I/O. <i>Journal of Symbolic Computation</i> , 2011, 46, 95-118.	0.5	18
24	Monadic regions. <i>Journal of Functional Programming</i> , 2006, 16, 485-545.	0.5	14
25	Stack-based typed assembly language. <i>Journal of Functional Programming</i> , 2003, 13, 957-959.	0.5	9
26	Effective interactive proofs for higher-order imperative programs. <i>ACM SIGPLAN Notices</i> , 2009, 44, 79-90.	0.2	8
27	Bidirectional Grammars for Machine-Code Decoding and Encoding. <i>Journal of Automated Reasoning</i> , 2018, 60, 257-277.	1.1	8
28	TIL. <i>ACM SIGPLAN Notices</i> , 2004, 39, 554-567.	0.2	5
29	“Language-Based Security”. <i>Journal of Functional Programming</i> , 2005, 15, 129-129.	0.5	3
30	Monadic regions. <i>ACM SIGPLAN Notices</i> , 2004, 39, 103-114.	0.2	3
31	Principals in programming languages. <i>ACM SIGPLAN Notices</i> , 1999, 34, 197-207.	0.2	3
32	Bidirectional Grammars for Machine-Code Decoding and Encoding. <i>Lecture Notes in Computer Science</i> , 2016, , 73-89.	1.0	1