Sam Tobin-Hochstadt

List of Publications by Year in Descending Order

42 papers	912 citations	15 h-index	29 g-index
43 ext. papers	1,056 ext. citations	0.6 avg, IF	4.4 L-index

#	Paper	IF	Citations
42	Corpse reviver: sound and efficient gradual typing via contract verification **2021**, 5, 1-28		2
41	Size-change termination as a contract: dynamically and statically enforcing termination for higher-order programs **2019**,		4
40	Rebuilding racket on chez scheme (experience report) **2019**, 3, 1-15		1
39	A programmable programming language. *Communications of the ACM*, **2018**, 61, 62-71	2.5	19
38	Soft contract verification for higher-order stateful programs **2018**, 2, 1-30		3
37	An extended account of contract monitoring strategies as patterns of communication. *Journal of Functional Programming*, **2018**, 28,	1.6	2
36	Higher order symbolic execution for contract verification and refutation*. *Journal of Functional Programming*, **2017**, 27,	1.6	7
35	Sound gradual typing: only mostly dead **2017**, 1, 1-24		11
34	Parallel type-checking with haskell using saturating LVars and stream generators **2016**,		2
33	Occurrence typing modulo theories **2016**,		10
32	The Recursive Union of Some Gradual Types. *Lecture Notes in Computer Science*, **2016**, 388-410	0.9	5
31	Practical Optional Types for Clojure. *Lecture Notes in Computer Science*, **2016**, 68-94	0.9	14
30	Occurrence typing modulo theories. *ACM SIGPLAN Notices*, **2016**, 51, 296-309	0.2	2
29	Parallel type-checking with haskell using saturating LVars and stream generators. *ACM SIGPLAN Notices*, **2016**, 51, 1-12	0.2	
28	Pycket: a tracing JIT for a functional language **2015**,		15
27	Expressing contract monitors as patterns of communication **2015**,		4
26	Pycket: a tracing JIT for a functional language. *ACM SIGPLAN Notices*, **2015**, 50, 22-34	0.2	3

25	Monotonic References for Efficient Gradual Typing. *Lecture Notes in Computer Science*, **2015**, 432-456	0.9	25
24	Expressing contract monitors as patterns of communication. *ACM SIGPLAN Notices*, **2015**, 50, 387-399	0.2	
23	Taming the parallel effect zoo **2014**,		10
22	Soft contract verification **2014**,		34
21	Soft contract verification. *ACM SIGPLAN Notices*, **2014**, 49, 139-152	0.2	2
20	Constraining Delimited Control with Contracts. *Lecture Notes in Computer Science*, **2013**, 229-248	0.9	14
19	Typing the Numeric Tower. *Lecture Notes in Computer Science*, **2012**, 289-303	0.9	18
18	Chaperones and impersonators **2012**,		48
17	Run your research **2012**,		40
16	Optimization coaching **2012**,		14
15	Higher-order symbolic execution via contracts **2012**,		31
14	Gradual typing for first-class classes **2012**,		27
13	Chaperones and impersonators. *ACM SIGPLAN Notices*, **2012**, 47, 943-962	0.2	4
12	Optimization coaching. *ACM SIGPLAN Notices*, **2012**, 47, 163-178	0.2	3
11	Higher-order symbolic execution via contracts. *ACM SIGPLAN Notices*, **2012**, 47, 537-554	0.2	6
10	Gradual typing for first-class classes. *ACM SIGPLAN Notices*, **2012**, 47, 793-810	0.2	4
9	Complete Monitors for Behavioral Contracts. *Lecture Notes in Computer Science*, **2012**, 214-233	0.9	41
8	Languages as libraries **2011**,		81

7	Languages as libraries. *ACM SIGPLAN Notices*, **2011**, 46, 132-141	0.2	9
6	Logical types for untyped languages **2010**,		76
5	Logical types for untyped languages. *ACM SIGPLAN Notices*, **2010**, 45, 117-128	0.2	10
4	Practical Variable-Arity Polymorphism. *Lecture Notes in Computer Science*, **2009**, 32-46	0.9	11
3	The design and implementation of typed scheme **2008**,		163
2	The design and implementation of typed scheme. *ACM SIGPLAN Notices*, **2008**, 43, 395-406	0.2	21
1	Interlanguage migration **2006**,		116