

Hongseok Yang

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,290
citations

687220

13
h-index

610775

24
g-index

34
all docs

34
docs citations

34
times ranked

382
citing authors

#	ARTICLE	IF	CITATIONS
1	Local Reasoning about Programs that Alter Data Structures. Lecture Notes in Computer Science, 2001, , 1-19.	1.0	325
2	Separation and information hiding. , 2004, , .		146
3	Possible worlds and resources: the semantics of BI. Theoretical Computer Science, 2004, 315, 257-305.	0.5	105
4	Relational separation logic. Theoretical Computer Science, 2007, 375, 308-334.	0.5	93
5	On abstraction refinement for program analyses in Datalog. , 2014, , .		58
6	A Semantic Basis for Local Reasoning. Lecture Notes in Computer Science, 2002, , 402-416.	1.0	51
7	Selective context-sensitivity guided by impact pre-analysis. , 2014, , .		49
8	Variables as Resource in Separation Logic. Electronic Notes in Theoretical Computer Science, 2006, 155, 247-276.	0.9	40
9	Step-indexed kripke models over recursive worlds. , 2011, , .		40
10	Learning a strategy for adapting a program analysis via bayesian optimisation. , 2015, , .		35
11	Semantics of Separation-Logic Typing and Higher-order Frame Rules for Algol-like Languages. Logical Methods in Computer Science, 2006, 2, .	0.4	32
12	Abstractions from tests. , 2012, , .		31
13	Correctness of data representations involving heap data structures. Science of Computer Programming, 2004, 50, 129-160.	1.5	28
14	Linearizability with Ownership Transfer. Lecture Notes in Computer Science, 2012, , 256-271.	1.0	28
15	Semantics of Separation-Logic Typing and Higher-Order Frame Rules. , 0, , .		26
16	A Semantic Foundation for Hidden State. Lecture Notes in Computer Science, 2010, , 2-17.	1.0	26
17	Learning a Variable-Clustering Strategy for Octagon from Labeled Data Generated by a Static Analysis. Lecture Notes in Computer Science, 2016, , 237-256.	1.0	25
18	Finding optimum abstractions in parametric dataflow analysis. , 2013, , .		24

#	ARTICLE	IF	CITATIONS
19	Nested Hoare Triples and Frame Rules for Higher-Order Store. Lecture Notes in Computer Science, 2009, , 440-454.	1.0	22
20	Step-indexed kripke models over recursive worlds. ACM SIGPLAN Notices, 2011, 46, 119-132.	0.2	17
21	Blaming the client: on data refinement in the presence of pointers. Formal Aspects of Computing, 2010, 22, 547-583.	1.4	14
22	A Simple Model of Separation Logic for Higher-Order Store. Lecture Notes in Computer Science, 2008, , 348-360.	1.0	14
23	Abstraction refinement guided by a learnt probabilistic model. , 2016, , .		14
24	Relational Parametricity and Separation Logic. , 2007, , 93-107.		10
25	Data Refinement with Low-Level Pointer Operations. Lecture Notes in Computer Science, 2005, , 19-36.	1.0	6
26	Correctness of Data Representations Involving Heap Data Structures. Lecture Notes in Computer Science, 2003, , 223-237.	1.0	6
27	Modular verification of preemptive OS kernels. Journal of Functional Programming, 2013, 23, 452-514.	0.5	5
28	Symbolic Automata for Static Specification Mining. Lecture Notes in Computer Science, 2013, , 63-83.	1.0	5
29	Learning a strategy for adapting a program analysis via bayesian optimisation. ACM SIGPLAN Notices, 2015, 50, 572-588.	0.2	4
30	Static insertion of safe and effective memory reuse commands into ML-like programs. Science of Computer Programming, 2005, 58, 141-178.	1.5	3
31	A step-indexed Kripke model of hidden state. Mathematical Structures in Computer Science, 2013, 23, 1-54.	0.5	3
32	Symbolic automata for representing big code. Acta Informatica, 2016, 53, 327-356.	0.5	2
33	Finding optimum abstractions in parametric dataflow analysis. ACM SIGPLAN Notices, 2013, 48, 365-376.	0.2	2
34	Learning analysis strategies for octagon and context sensitivity from labeled data generated by static analyses. Formal Methods in System Design, 2018, 53, 189-220.	0.9	1