

Hongwei Xi

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

654
citations

1478505

6
h-index

1720034

7
g-index

18
all docs

18
docs citations

18
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Guarded recursive datatype constructors. , 2003, , .		181
2	Eliminating array bound checking through dependent types. , 1998, , .		154
3	TPS: A theorem-proving system for classical type theory. Journal of Automated Reasoning, 1996, 16, 321-353.	1.4	78
4	Combining programming with theorem proving. , 2005, , .		72
5	Dependent ML An approach to practical programming with dependent types. Journal of Functional Programming, 2007, 17, 215-286.	0.8	56
6	Dependent Types for Program Termination Verification. Higher-Order and Symbolic Computation, 2002, 15, 91-131.	0.3	47
7	A robust and efficient method for estimating enzyme complex abundance and metabolic flux from expression data. Computational Biology and Chemistry, 2015, 59, 98-112.	2.3	22
8	Meta-programming through typeful code representation. Journal of Functional Programming, 2005, 15, 797-835.	0.8	16
9	Implementing typeful program transformations. , 2003, , .		12
10	Combining programming with theorem proving. ACM SIGPLAN Notices, 2005, 40, 66-77.	0.2	8
11	A linear type system for multicore programming in ATS. Science of Computer Programming, 2013, 78, 1176-1192.	1.9	5
12	Formal Semantics of Runtime Monitoring, Verification, Enforcement and Control. , 2015, , .		2
13	Combining type-checking with model-checking for system verification. , 2016, , .		1
14	Attributive Types for Proof Erasure. , 2007, , 188-202.		0
15	A Modality for Safe Resource Sharing and Code Reentrancy. Lecture Notes in Computer Science, 2010, , 382-396.	1.3	0
16	Using Lightweight Theorem Proving in an Asynchronous Systems Context. Lecture Notes in Computer Science, 2014, , 158-172.	1.3	0
17	Many-target, Many-sensor Ship Tracking and Classification. , 2019, , .		0
18	Dependent Types for Multi-Rate Flows in Synchronous Programming. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 241, 36-44.	0.8	0