Amy P Felty

List of Publications by Year
in descending order

32 papers	318 citations	1307594 7 h-index	996975 15 g-index
32 all docs	32 docs citations	32 times ranked	126 citing authors

#	Article	IF	Citations
1	On the use of formal methods to model and verify neuronal archetypes. Frontiers of Computer Science, 2022, 16, 1.	2.4	2
2	A focused linear logical framework and its application to metatheory of object logics. Mathematical Structures in Computer Science, 2021, 31, 312-340.	0.6	2
3	Towards Formal Verification of Program Obfuscation. , 2020, , .		1
4	Resolving XACML Rule Conflicts using Artificial Intelligence. , 2020, , .		1
5	Formalization of Metatheory of the Quipper Quantum Programming Language in a Linear Logic. Journal of Automated Reasoning, 2019, 63, 967-1002.	1.4	6
6	A special issue on structural proof theory, automated reasoning and computation in celebration of Dale Miller's 60th birthday. Mathematical Structures in Computer Science, 2019, 29, 1007-1008.	0.6	0
7	A linear logical framework in Hybrid (invited talk). , 2019, , .		0
8	Women in Logic 2018 workshop report. ACM SIGLOG News, 2019, 6, 41-42.	0.4	0
9	Benchmarks for reasoning with syntax trees containing binders and contexts of assumptions. Mathematical Structures in Computer Science, 2018, 28, 1507-1540.	0.6	11
10	Formal Meta-level Analysis Framework for Quantum Programming Languages. Electronic Notes in Theoretical Computer Science, 2018, 338, 185-201.	0.9	6
11	Formalizing Abstract Computability: Turing Categories in Coq. Electronic Notes in Theoretical Computer Science, 2018, 338, 203-218.	0.9	1
12	Preface: Selected Extended Papers of CADE 2015. Journal of Automated Reasoning, 2017, 58, 311-312.	1.4	0
13	A Certified Core Policy Language. , 2017, , .		2
14	The Logic of Hereditary Harrop Formulas as a Specification Logic for Hybrid. , 2016, , .		2
15	Using Expert Systems to Statically Detect "Dynamic" Conflicts in XACML. , 2016, , .		1
16	The Next 700 Challenge Problems for Reasoning with Higher-Order Abstract Syntax Representations. Journal of Automated Reasoning, 2015, 55, 307-372.	1.4	22
17	Challenges of Composing XACML Policies. , 2014, , .		5
18	A non-technical XACML target editor for dynamic access control systems. , 2014, , .		10

#	Article	IF	Citations
19	An Algorithm for Compression of XACML Access Control Policy Sets by Recursive Subsumption. , 2012, , .		4
20	Hybrid. Journal of Automated Reasoning, 2012, 48, 43-105.	1.4	48
21	Advantages of a non-technical XACML notation in role-based models. , 2011, , .		19
22	An implementation of a verification condition generator for foundational proof-carrying code. , 2011, , .		0
23	Two-Level Hybrid: A System for Reasoning Using Higher-Order Abstract Syntax. Electronic Notes in Theoretical Computer Science, 2008, 196, 85-93.	0.9	20
24	Polymorphic lemmas and definitions in $lambda$Prolog and Twelf. Theory and Practice of Logic Programming, 2004, 4, 1-39.	1.5	5
25	Dependent types ensure partial correctness of theorem provers. Journal of Functional Programming, 2004, 14, 3-19.	0.8	15
26	Current Trends in Logical Frameworks and Metalanguages. Journal of Automated Reasoning, 2001, 27, 1-2.	1.4	0
27	Cache Coherency in SCI: Specification and a Sketch of Correctness. Formal Aspects of Computing, 1999, 11, 475-497.	1.8	3
28	Interactive Theorem Proving with Temporal Logic. Journal of Symbolic Computation, 1997, 23, 367-397.	0.8	1
29	Higher-order abstract syntax in Coq. Lecture Notes in Computer Science, 1995, , 124-138.	1.3	72
30	Implementing tactics and tacticals in a higher-order logic programming language. Journal of Automated Reasoning, 1993, 11, 43-81.	1.4	53
31	An Open Challenge Problem Repository for Systems Supporting Binders. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 185, 18-32.	0.8	5
32	An Improved Implementation and Abstract Interface for Hybrid. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 71, 76-90.	0.8	1