Fabio Fioravanti

List of Publications by Year
in descending order

28	333	840776 11	996975 15
papers	citations	h-index	g-index

30	30	30	126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis and Transformation of Constrained Horn Clauses for Program Verification. Theory and Practice of Logic Programming, 2022, 22, 974-1042.	1.5	19
2	Removing Algebraic Data Types from Constrained Horn Clauses Using Difference Predicates. Lecture Notes in Computer Science, 2020, , 83-102.	1.3	8
3	Solving Horn Clauses on Inductive Data Types Without Induction â€“ ERRATUM. Theory and Practice of Logic Programming, 2019, 19, 629.	1.5	1
4	Semantics and Controllability of Time-Aware Business Processes*. Fundamenta Informaticae, 2019, 165, 205-244.	0.4	2
5	Property-Based Test Case Generators for Free. Lecture Notes in Computer Science, 2019, , 186-206.	1.3	2
6	Predicate Pairing for program verification. Theory and Practice of Logic Programming, 2018, 18, 126-166.	1.5	9
7	Solving Horn Clauses on Inductive Data Types Without Induction. Theory and Practice of Logic Programming, 2018, 18, 452-469.	1.5	19
8	Predicate Pairing with Abstraction for Relational Verification. Lecture Notes in Computer Science, 2018, , 289-305.	1.3	2
9	Program Verification using Constraint Handling Rules and Array Constraint Generalizations*. Fundamenta Informaticae, 2017, 150, 73-117.	0.4	3
10	Relational Verification Through Horn Clause Transformation. Lecture Notes in Computer Science, 2016, , 147-169.	1.3	22
11	Proving correctness of imperative programs by linearizing constrained Horn clauses. Theory and Practice of Logic Programming, 2015, 15, 635-650.	1.5	15
12	A Rule-based Verification Strategy for Array Manipulating Programs. Fundamenta Informaticae, 2015, 140, 329-355.	0.4	9
13	Program verification via iterated specialization. Science of Computer Programming, 2014, 95, 149-175.	1.9	30
14	VeriMAP: A Tool for Verifying Programs through Transformations. Lecture Notes in Computer Science, 2014, , 568-574.	1.3	52
15	Controlling Polyvariance for Specialization-based Verification. Fundamenta Informaticae, 2013, 124, 483-502.	0.4	5
16	Proving Theorems by Program Transformation. Fundamenta Informaticae, 2013, 127, 115-134.	0.4	3
17	Generalization strategies for the verification of infinite state systems. Theory and Practice of Logic Programming, 2013, 13, 175-199.	1.5	32
18	Evaluation of complex security scenarios using defense trees and economic indexes. Journal of Experimental and Theoretical Artificial Intelligence, 2012, 24, 161-192.	2.8	17

#	Article	IF	Citations
19	Improving Reachability Analysis of Infinite State Systems by Specialization. Fundamenta Informaticae, 2012, 119, 281-300.	0.4	8
20	Generation of Test Data Structures Using Constraint Logic Programming. Lecture Notes in Computer Science, 2012, , 115-131.	1.3	15
21	Program transformation for development, verification, and synthesis of programs. Intelligenza Artificiale, 2011, 5, 119-125.	1.6	4
22	Automated Strategies for Specializing Constraint Logic Programs. Lecture Notes in Computer Science, 2001, , 125-146.	1.3	17
23	Rules and Strategies for Contextual Specialization of Constraint Logic Programs. Electronic Notes in Theoretical Computer Science, 2000, 30, 129-144.	0.9	4
24	Proving Properties of Sorting Programs: A Case Study in Horn Clause Verification. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 296, 48-75.	0.8	2
25	Lemma Generation for Horn Clause Satisfiability: A Preliminary Study. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 299, 4-18.	0.8	3
26	Transformational Verification of Quicksort. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 320, 95-109.	0.8	0
27	Satisfiability of constrained Horn clauses on algebraic data types: A transformation-based approach. Journal of Logic and Computation, 0, , .	0.8	3
28	Verifying Catamorphism-Based Contracts using Constrained Horn Clauses. Theory and Practice of Logic Programming, 0, , 1-18.	1.5	6