MarÃa Alpuente

List of Publications by Year
in descending order

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106	755	759233	839539
papers	citations	12 h-index	18 g-index

118	118	118	153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Order-sorted equational generalization algorithm revisited. Annals of Mathematics and Artificial Intelligence, 2022, 90, 499-522.	1.3	4
2	Optimization of rewrite theories by equational partial evaluation. Journal of Logical and Algebraic Methods in Programming, 2022, 124, 100729.	0.5	1
3	A partial evaluation framework for order-sorted equational programs modulo axioms. Journal of Logical and Algebraic Methods in Programming, 2020, 110, 100501.	0.5	8
4	Efficient Safety Enforcement for Maude Programs via Program Specialization in the ÃTAME System. Mathematics in Computer Science, 2020, 14, 591-606.	0.4	3
5	Order-sorted Homeomorphic Embedding Modulo Combinations of Associativity and/or Commutativity Axioms*. Fundamenta Informaticae, 2020, 177, 297-329.	0.4	4
6	Abstract Contract Synthesis and Verification in the Symbolic ? Framework. Fundamenta Informaticae, 2020, 177, 235-273.	0.4	2
7	Imposing assertions in Maude via program transformation. MethodsX, 2019, 6, 2577-2583.	1.6	2
8	Symbolic Analysis of Maude Theories with Narval. Theory and Practice of Logic Programming, 2019, 19, 874-890.	1.5	2
9	Static correction of Maude programs with assertions. Journal of Systems and Software, 2019, 153, 64-85.	4.5	8
10	$${extsf {ACUOS}}^mathbf {2}$$: A High-Performance System for Modular ACU Generalization with Subtyping and Inheritance. Lecture Notes in Computer Science, 2019, , 171-181.	1.3	4
11	Homeomorphic Embedding Modulo Combinations of Associativity and Commutativity Axioms. Lecture Notes in Computer Science, 2019, , 38-55.	1.3	1
12	Inferring Safe Maude Programs with ÃTAME. Lecture Notes in Computer Science, 2018, , 1-10.	1.3	2
13	Inspecting Maude variants with<tt>GLINTS</tt>. Theory and Practice of Logic Programming, 2017, 17, 689-707.	1.5	4
14	Partial Evaluation of Order-Sorted Equational Programs Modulo Axioms. Lecture Notes in Computer Science, 2017, , 3-20.	1.3	5
15	Symbolic Abstract Contract Synthesis in a Rewriting Framework. Lecture Notes in Computer Science, 2017, , 187-202.	1.3	1
16	Assertion-based analysis via slicing with<tt>ABETS</tt>(system description). Theory and Practice of Logic Programming, 2016, 16, 515-532.	1.5	6
17	Debugging Maude programs via runtime assertion checking and trace slicing. Journal of Logical and Algebraic Methods in Programming, 2016, 85, 707-736.	0.5	10
18	Exploring conditional rewriting logic computations. Journal of Symbolic Computation, 2015, 69, 3-39.	0.8	10

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19	Combining Runtime Checking and Slicing to Improve Maude Error Diagnosis. Lecture Notes in Computer Science, 2015, , 72-96.	1.3	4
20	Automated abstract certification of non-interference with object aliasing in rewriting logic. , 2014, , .		0
21	A modular order-sorted equational generalization algorithm. Information and Computation, 2014, 235, 98-136.	0.7	28
22	Using conditional trace slicing for improving Maude programs. Science of Computer Programming, 2014, 80, 385-415.	1.9	15
23	A rewriting logic approach to the formal specification and verification of web applications. Science of Computer Programming, 2014, 81, 79-107.	1.9	9
24	Inspecting Rewriting Logic Computations (in a Parametric and Stepwise Way). Lecture Notes in Computer Science, 2014, , 229-255.	1.3	4
25	Rewriting-based repairing strategies for XML repositories. The Journal of Logic and Algebraic Programming, 2013, 82, 326-352.	1.4	3
26	Theory and Practice of Model Transformations. Lecture Notes in Computer Science, 2013, , .	1.3	1
27	Automatic inference of specifications using matching logic. , 2013, , .		6
28	Julienne: A Trace Slicer for Conditional Rewrite Theories. Lecture Notes in Computer Science, 2012, , 28-32.	1.3	3
29	Backward Trace Slicing for Conditional Rewrite Theories. Lecture Notes in Computer Science, 2012, , 62-76.	1.3	8
30	Validation and calibration of Quantitative models for software development effort and size estimation. , 2011, , .		0
31	Modular termination of basic narrowing and equational unification. Logic Journal of the IGPL, 2011, 19, 731-762.	1.5	4
32	Datalog-Based Program Analysis with BES and RWL. Lecture Notes in Computer Science, 2011, , 1-20.	1.3	7
33	Logic-Based Program Synthesis and Transformation. Lecture Notes in Computer Science, 2011, , .	1.3	0
34	A compact fixpoint semantics for term rewriting systems. Theoretical Computer Science, 2010, 411, 3348-3371.	0.9	5
35	On-demand strategy annotations revisited: An improved on-demand evaluation strategy. Theoretical Computer Science, 2010, 411, 504-541.	0.9	3
36	An integrated framework for the diagnosis and correction of rule-based programs. Theoretical Computer Science, 2010, 411, 4055-4101.	0.9	7

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37	A Tool for Computing the Visual Similarity of Web Pages. , 2010, , .		3
38	Completeness of Unfolding for Rewriting Logic Theories. , 2010, , .		1
39	Approximating Non-interference and Erasure in Rewriting Logic. , 2010, , .		2
40	Defining Datalog in Rewriting Logic. Lecture Notes in Computer Science, 2010, , 188-204.	1.3	6
41	Transformation and Debugging of Functional Logic Programs. Lecture Notes in Computer Science, 2010, , 271-299.	1.3	3
42	Model-Checking Web Applications with Web-TLR. Lecture Notes in Computer Science, 2010, , 341-346.	1.3	10
43	Abstract Certification of Global Non-interference in Rewriting Logic. Lecture Notes in Computer Science, 2010, , 105-124.	1.3	5
44	A fold/unfold transformation framework for rewrite theories extended to CCT. , 2010, , .		11
45	DATALOG_SOLVE: A Datalog-Based Demand-Driven Program Analyzer. Electronic Notes in Theoretical Computer Science, 2009, 248, 57-66.	0.9	0
46	Order-Sorted Generalization. Electronic Notes in Theoretical Computer Science, 2009, 246, 27-38.	0.9	15
47	A Tool for Automated Certification of Java Source Code in Maude. Electronic Notes in Theoretical Computer Science, 2009, 248, 19-29.	0.9	2
48	Termination of narrowing revisited. Theoretical Computer Science, 2009, 410, 4608-4625.	0.9	15
49	A Visual Technique for Web Pages Comparison. Electronic Notes in Theoretical Computer Science, 2009, 235, 3-18.	0.9	18
50	A Modular Equational Generalization Algorithm. Lecture Notes in Computer Science, 2009, , 24-39.	1.3	6
51	Automated Certification of Non-Interference in Rewriting Logic. Lecture Notes in Computer Science, 2009, , 182-198.	1.3	4
52	Using Datalog and Boolean Equation Systems for Program Analysis. Lecture Notes in Computer Science, 2009, , 215-231.	1.3	4
53	Specification and Verification of Web Applications in Rewriting Logic. Lecture Notes in Computer Science, 2009, , 790-805.	1.3	10
54	Formal Methods for Industrial Critical Systems. Lecture Notes in Computer Science, 2009, , .	1.3	0

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55	An Abstract Analysis Framework for Synchronous Concurrent Languages based on sourceâ€“toâ€“source Transformation. Electronic Notes in Theoretical Computer Science, 2008, 206, 3-21.	0.9	4
56	An Abstract Generic Framework for Web Site Verification. , 2008, , .		4
57	Termination of Narrowing Using Dependency Pairs. Lecture Notes in Computer Science, 2008, , 317-331.	1.3	4
58	Semantic Verification of Web System Contents. Lecture Notes in Computer Science, 2008, , 437-446.	1.3	1
59	Modular Termination of Basic Narrowing. Lecture Notes in Computer Science, 2008, , 1-16.	1.3	6
60	Automatic Certification of Java Source Code in Rewriting Logic. , 2008, , 200-217.		3
61	Removing redundant arguments automatically. Theory and Practice of Logic Programming, 2007, 7, 3-35.	1.5	2
62	A Framework for Timed Concurrent Constraint Programming with External Functions. Electronic Notes in Theoretical Computer Science, 2007, 188, 143-155.	0.9	1
63	A Fast Algebraic Web Verification Service. , 2007, , 239-248.		7
64	Rule-based verification of Web sites. International Journal on Software Tools for Technology Transfer, 2006, 8, 565-585.	1.9	21
65	Specialization of functional logic programs based on needed narrowing. Theory and Practice of Logic Programming, 2005, 5, 273-303.	1.5	14
66	Abstract Model Checking of tccp programs. Electronic Notes in Theoretical Computer Science, 2005, 112, 19-36.	0.9	0
67	A semantic framework for the abstract model checking of tccp programs. Theoretical Computer Science, 2005, 346, 58-95.	0.9	12
68	A Rewriting-based Framework for Web Sites Verification. Electronic Notes in Theoretical Computer Science, 2005, 124, 41-61.	0.9	20
69	A Symbolic Model Checker for tccp Programs. Lecture Notes in Computer Science, 2005, , 45-56.	1.3	1
70	Correct and Complete (Positive) Strategy Annotations for OBJ. Electronic Notes in Theoretical Computer Science, 2004, 71, 70-89.	0.9	10
71	Rules + strategies for transforming lazy functional logic programs. Theoretical Computer Science, 2004, 311, 479-525.	0.9	22
72	OnDemandOBJ. Electronic Notes in Theoretical Computer Science, 2003, 86, 1-27.	0.9	5

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73	On-demand Evaluation by Program Transformation1 1Work partially supported by CICYT TIC2001-2705-C03-01 and MCYT grants HA2001-0059 and HU2001-0019.. Electronic Notes in Theoretical Computer Science, 2003, 86, 92-118.	0.9	1
74	Abstract Correction of First-Order Functional Programs. Electronic Notes in Theoretical Computer Science, 2003, 86, 105-122.	0.9	0
75	Uniform Lazy Narrowing. Journal of Logic and Computation, 2003, 13, 287-312.	0.8	5
76	Correction of Functional Logic Programs. Lecture Notes in Computer Science, 2003, , 54-68.	1.3	6
77	Abstract Diagnosis of Functional Programs. Lecture Notes in Computer Science, 2003, , 1-16.	1.3	11
78	Redundancy of Arguments Reduced to Induction. Electronic Notes in Theoretical Computer Science, 2002, 76, 20-41.	0.9	1
79	A Debugging Scheme for Functional Logic Programs1 1This work has been partially supported by CICYT under grant TIC2001-2705-C03-01, by AcciÃ³n Integrada Hispano-Italiana HI2000-0161, AcciÃ³n Integrada Hispano-Alemana HA2001-0059 and by Generalitat Valenciana under grant GV01-424.. Electronic Notes in Theoretical Computer Science, 2002, 64, 18-55.	0.9	5
80	Improving On-Demand Strategy Annotations. Lecture Notes in Computer Science, 2002, , 1-18.	1.3	6
81	Removing Redundant Arguments of Functions*. Lecture Notes in Computer Science, 2002, , 117-132.	1.3	2
82	Declarative Debugging of Functional Logic Programs1 1This work has been partially supported by CICYT under grant TIC2001-2705-C03-01, by AccÃ³on Integrada Hispano-Italiana HI2000-0161 and by Generalitat Valenciana under grant GV01-424.. Electronic Notes in Theoretical Computer Science, 2001, 57, 17-40.	0.9	3
83	An Automatic Composition Algorithm for Functional Logic Programs. Lecture Notes in Computer Science, 2000, , 289-297.	1.3	6
84	A Transformation System for Lazy Functional Logic Programs. Lecture Notes in Computer Science, 1999, , 147-162.	1.3	14
85	A Partial Evaluation Framework for Curry Programs. Lecture Notes in Computer Science, 1999, , 376-395.	1.3	11
86	Specialization of inductively sequential functional logic programs. , 1999, , .		7
87	Specialization of inductively sequential functional logic programs. ACM SIGPLAN Notices, 1999, 34, 273-283.	0.2	3
88	Un Sistema de TransformaciÃ³n para Programas Multiparadigma. Inteligencia Artificial, 1999, 3, .	0.8	2
89	UPV-Curry: An Incremental Curry Interpreter. Lecture Notes in Computer Science, 1999, , 331-339.	1.3	2
90	A unifying view of functional and logic program specialization. ACM Computing Surveys, 1998, 30, 9.	23.0	12

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91	Partial evaluation of functional logic programs. ACM Transactions on Programming Languages and Systems, 1998, 20, 768-844.	2.1	59
92	Improving Control in Functional Logic Program Specialization. Lecture Notes in Computer Science, 1998, , 262-277.	1.3	12
93	Specialization of lazy functional logic programs. , 1997, , .		22
94	Safe folding/unfolding with conditional narrowing. Lecture Notes in Computer Science, 1997, , 1-15.	1.3	8
95	Specialization of lazy functional logic programs. ACM SIGPLAN Notices, 1997, 32, 151-162.	0.2	11
96	A compositional semantic basis for the analysis of equational Horn programs. Theoretical Computer Science, 1996, 165, 133-169.	0.9	7
97	Narrowing-driven partial evaluation of functional logic programs. Lecture Notes in Computer Science, 1996, , 45-61.	1.3	14
98	Incremental constraint satisfaction for equational logic programming. Theoretical Computer Science, 1995, 142, 27-57.	0.9	10
99	Analyses of unsatisfiability for equational logic programming. The Journal of Logic Programming, 1995, 22, 223-254.	1.7	11
100	A compositional semantics for conditional term rewriting systems. , 0, , .		6
101	A Semi-Automatic Methodology for Repairing FaultyWeb Sites. , 0, , .		6
102	Debugging of Web Applications with Web-TLR. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 61, 66-80.	0.8	3
103	Automatic Inference of Specifications in the K Framework. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 200, 1-17.	0.8	1
104	Symbolic Specialization of Rewriting Logic Theories with Presto. Theory and Practice of Logic Programming, 0, , 1-52.	1.5	0
105	Detecting Modular ACU Structural Symmetries. , 0, , .		0
106	Parametric Exploration of Rewriting Logic Computations. , 0, , .		2