Manuel Carro LiÃ'ares

List of Publications by Year
in descending order

70 papers	672 citations	933410 10 h-index	677123 22 g-index
77 all docs	77 docs citations	77 times ranked	442 citing authors

#	Article	IF	Citations
1	Modeling and Reasoning in Event Calculus using Goal-Directed Constraint Answer Set Programming. Theory and Practice of Logic Programming, 2022, 22, 51-80.	1.5	7
2	Towards Dynamic Consistency Checking inÂGoal-Directed Predicate Answer Set Programming. Lecture Notes in Computer Science, 2022, , 117-134.	1.3	2
3	Modeling and Reasoning in Event Calculus Using Goal-Directed Constraint Answer Set Programming. Lecture Notes in Computer Science, 2020, , 139-155.	1.3	6
4	Description, Implementation, and Evaluation of a Generic Design for Tabled CLP. Theory and Practice of Logic Programming, 2019, 19, 412-448.	1.5	3
5	Evaluation of the Implementation of an Abstract Interpretation Algorithm using Tabled CLP. Theory and Practice of Logic Programming, 2019, 19, 1107-1123.	1.5	0
6	Incremental Evaluation of Lattice-Based Aggregates in Logic Programming Using Modular TCLP. Lecture Notes in Computer Science, 2019, , 98-114.	1.3	0
7	Constraint Answer Set Programming without Grounding. Theory and Practice of Logic Programming, 2018, 18, 337-354.	1.5	37
8	Introduction to the 32nd International Conference on Logic Programming Special Issue. Theory and Practice of Logic Programming, 2016, 16, 509-514.	1.5	2
9	Description and evaluation of a generic design to integrate CLP and tabled execution. , 2016, , .		3
10	Description and Optimization of Abstract Machines in a Dialect of Prolog. Theory and Practice of Logic Programming, 2016, 16, 1-58.	1.5	2
11	Program Transformations in the POLCA Project. , 2016, , .		3
12	Comparing and Combining Predictive Business Process Monitoring Techniques. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 276-290.	9.3	89
13	Towards QoS Prediction Based on Composition Structure Analysis and Probabilistic Models. Lecture Notes in Computer Science, 2014, , 394-402.	1.3	3
14	A sharing-based approach to supporting adaptation in service compositions. Computing (Vienna/New) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.8	1
15	A model-driven approach to teaching concurrency. ACM Transactions on Computing Education, 2013, 13, 1-19.	3.5	16
16	Towards QoS prediction based on composition structure analysis and probabilistic environment models. , 2013, , .		2
17	A survey on service quality description. ACM Computing Surveys, 2013, 46, 1-58.	23.0	91
18	Supporting Pruning in Tabled LP. Lecture Notes in Computer Science, 2013, , 60-76.	1.3	0

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19	Analyzing service-oriented systems using their data and structure. , 2012, , .		0
20	Research challenges on service technology foundations. , 2012, , .		2
21	Lightweight compilation of (C)LP to JavaScript. Theory and Practice of Logic Programming, 2012, 12, 755-773.	1.5	5
22	An overview of Ciao and its design philosophy. Theory and Practice of Logic Programming, 2012, 12, 219-252.	1.5	85
23	Exploring the impact of inaccuracy and imprecision of QoS assumptions on proactive constraint-based QoS prediction for service orchestrations. , 2012, , .		1
24	Deriving Specifications for Composite Web Services. , 2012, , .		3
25	A General Implementation Framework for Tabled CLP. Lecture Notes in Computer Science, 2012, , 104-119.	1.3	4
26	A Segment-Swapping Approach for Executing Trapped Computations. Lecture Notes in Computer Science, 2012, , 138-152.	1.3	0
27	Automated Attribute Inference in Complex Service Workflows Based on Sharing Analysis. , 2011, , .		4
28	Parallel backtracking with answer memoing for independent and-parallelism. Theory and Practice of Logic Programming, 2011, 11, 555-574.	1.5	1
29	Third international workshop on principles of engineering service-oriented systems. , 2011, , .		0
30	Constraint-Based Runtime Prediction of SLA Violations in Service Orchestrations. Lecture Notes in Computer Science, 2011, , 62-76.	1.3	29
31	Logic Languages. , 2011, , 1057-1068.		0
32	An Overview of the Ciao System. Lecture Notes in Computer Science, 2011, , 2-2.	1.3	1
33	Swapping evaluation: A memory-scalable solution for answer-on-demand tabling. Theory and Practice of Logic Programming, 2010, 10, 401-416.	1.5	1
34	Towards Data-Aware QoS-driven Adaptation for Service Orchestrations. , 2010, , .		26
35	Analytical Quality Assurance. Lecture Notes in Computer Science, 2010, , 209-270.	1.3	10
36	Modeling and Negotiating Service Quality. Lecture Notes in Computer Science, 2010, , 157-208.	1.3	6

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37	Building Dynamic Models of Service Compositions with Simulation of Provision Resources. Lecture Notes in Computer Science, 2010, , 288-301.	1.3	5
38	Automatic Fragment Identification in Workflows Based on Sharing Analysis. Lecture Notes in Computer Science, 2010, , 350-364.	1.3	8
39	A Soft Constraint-Based Approach to QoS-Aware Service Selection. Lecture Notes in Computer Science, 2010, , 596-602.	1.3	16
40	An Initial Proposal for Data-Aware Resource Analysis of Orchestrations with Applications to Predictive Monitoring. Lecture Notes in Computer Science, 2010, , 414-424.	1.3	5
41	A Coding Rule Conformance Checker Integrated into GCC. Electronic Notes in Theoretical Computer Science, 2009, 248, 149-159.	0.9	4
42	Modeling Concurrent Systems with Shared Resources. Lecture Notes in Computer Science, 2009, , 102-116.	1.3	7
43	A Tabling Implementation Based on Variables with Multiple Bindings. Lecture Notes in Computer Science, 2009, , 190-204.	1.3	1
44	Comparing tag scheme variations using an abstract machine generator. , 2008, , .		4
45	Towards execution time estimation in abstract machine-based languages. , 2008, , .		8
46	An Overview of the Ciao Multiparadigm Language and Program Development Environment and Its Design Philosophy. Lecture Notes in Computer Science, 2008, , 209-237.	1.3	12
47	An Improved Continuation Call-Based Implementation of Tabling. , 2008, , 197-213.		7
48	A High-Level Implementation of Non-deterministic, Unrestricted, Independent And-Parallelism. Lecture Notes in Computer Science, 2008, , 651-666.	1.3	5
49	Towards a Complete Scheme for Tabled Execution Based on Program Transformation. Lecture Notes in Computer Science, 2008, , 224-238.	1.3	3
50	A Sketch of a Complete Scheme for Tabled Execution Based on Program Transformation. Lecture Notes in Computer Science, 2008, , 795-800.	1.3	0
51	Annotation Algorithms for Unrestricted Independent And-Parallelism in Logic Programs. Lecture Notes in Computer Science, 2008, , 138-153.	1.3	4
52	Towards a high-level implementation of flexible parallelism primitives for symbolic languages. , 2007, , .		4
53	Automatic Coding Rule Conformance Checking Using Logic Programming. Lecture Notes in Computer Science, 2007, , 18-34.	1.3	4
54	Using Combined Static Analysis and Profiling for Logic Program Execution Time Estimation. Lecture Notes in Computer Science, 2006, , 431-432.	1.3	3

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55	Combining Static Analysis and Profiling for Estimating Execution Times. Lecture Notes in Computer Science, 2006, , 140-154.	1.3	7
56	Towards Description and Optimization of Abstract Machines in an Extension of Prolog. , 2006, , 77-93.		1
57	High-level languages for small devices. , 2006, , .		9
58	A Generator of Efficient Abstract Machine Implementations and Its Application to Emulator Minimization. Lecture Notes in Computer Science, 2005, , 21-36.	1.3	7
59	Improved Compilation of Prolog to C Using Moded Types and Determinism Information. Lecture Notes in Computer Science, 2004, , 86-103.	1.3	13
60	A Generic Persistence Model for (C)LP Systems (and Two Useful Implementations). Lecture Notes in Computer Science, 2004, , 104-119.	1.3	9
61	Teaching How to Derive Correct Concurrent Programs from State-Based Specifications and Code Patterns. Lecture Notes in Computer Science, 2004, , 85-106.	1.3	5
62	A Generic Persistence Model for (C)LP Systems. Lecture Notes in Computer Science, 2003, , 481-482.	1.3	1
63	Tools for Search-Tree Visualisation: The APT Tool. Lecture Notes in Computer Science, 2000, , 237-252.	1.3	7
64	Tools for Constraint Visualisation: The VIFID/TRIFID Tool. Lecture Notes in Computer Science, 2000, , 253-272.	1.3	7
65	Improving the efficiency of nondeterministic independent and-parallel systems. Computer Languages, Systems and Structures, 1996, 22, 115-142.	0.3	15
66	Relating data-parallelism and (and-) parallelism in logic programs. Computer Languages, Systems and Structures, 1996, 22, 143-163.	0.3	7
67	Towards a Semantics-Aware Code Transformation Toolchain for Heterogeneous Systems. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 237, 34-51.	0.8	2
68	Towards Automatic Learning of Heuristics for Mechanical Transformations of Procedural Code. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 237, 52-67.	0.8	1
69	Justifications for Goal-Directed Constraint Answer Set Programming. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 325, 59-72.	0.8	14
70	Building Information Modeling Using Constraint Logic Programming. Theory and Practice of Logic Programming, 0, , 1-16.	1.5	1