

Toni Mancini

List of Publications by Year in descending order

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papers

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759233

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58
all docs

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docs citations

58
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	A Two-Layer Near-Optimal Strategy for Substation Constraint Management via Home Batteries. IEEE Transactions on Industrial Electronics, 2022, 69, 8566-8578.	7.9	5
2	Any-Horizon Uniform Random Sampling and Enumeration of Constrained Scenarios for Simulation-Based Formal Verification. IEEE Transactions on Software Engineering, 2022, 48, 4002-4013.	5.6	5
3	Complete populations of virtual patients for <i>in silico</i> clinical trials. Bioinformatics, 2021, 36, 5465-5472.	4.1	20
4	Mathematical Modeling and Simulation Provides Evidence for New Strategies of Ovarian Stimulation. Frontiers in Endocrinology, 2021, 12, 613048.	3.5	5
5	Cognitive function in association with high estradiol levels resulting from fertility treatment. Hormones and Behavior, 2021, 130, 104951.	2.1	3
6	On checking equivalence of simulation scripts. Journal of Logical and Algebraic Methods in Programming, 2021, 120, 100640.	0.5	2
7	Reconciling interoperability with efficient Verification and Validation within open source simulation environments. Simulation Modelling Practice and Theory, 2021, 109, 102277.	3.8	9
8	SBML2Modelica: integrating biochemical models within open-standard simulation ecosystems. Bioinformatics, 2020, 36, 2165-2172.	4.1	15
9	Optimal Personalised Treatment Computation through In Silico Clinical Trials on Patient Digital Twins*. Fundamenta Informaticae, 2020, 174, 283-310.	0.4	11
10	MILP, Pseudo-Boolean, and OMT Solvers for Optimal Fault-Tolerant Placements of Relay Nodes in Mission Critical Wireless Networks*. Fundamenta Informaticae, 2020, 174, 229-258.	0.4	2
11	Associations Between Natural Physiological and Supraphysiological Estradiol Levels and Stress Perception. Frontiers in Psychology, 2019, 10, 1296.	2.1	8
12	Parallel Statistical Model Checking for Safety Verification in Smart Grids. , 2018, , .		13
13	An Efficient Algorithm for Network Vulnerability Analysis Under Malicious Attacks. Lecture Notes in Computer Science, 2018, , 302-312.	1.3	4
14	Negative affect is unrelated to fluctuations in hormone levels across the menstrual cycle: Evidence from a multisite observational study across two successive cycles. Journal of Psychosomatic Research, 2017, 99, 21-27.	2.6	25
15	On minimising the maximum expected verification time. Information Processing Letters, 2017, 122, 8-16.	0.6	13
16	Parallelization of Cycle-Based Logic Simulation. Parallel Processing Letters, 2017, 27, 1750003.	0.6	0
17	Residential Demand Management Using Individualized Demand Aware Price Policies. IEEE Transactions on Smart Grid, 2017, 8, 1284-1294.	9.0	52
18	Lack of Associations between Female Hormone Levels and Visuospatial Working Memory, Divided Attention and Cognitive Bias across Two Consecutive Menstrual Cycles. Frontiers in Behavioral Neuroscience, 2017, 11, 120.	2.0	29

#	ARTICLE	IF	CITATIONS
19	Experimental evaluation of algorithms for solving problems with combinatorial explosion. AI Communications, 2016, 29, 245-247.	1.2	2
20	Now or Never: Negotiating Efficiently with Unknown or Untrusted Counterparts*. Fundamenta Informaticae, 2016, 149, 61-100.	0.4	6
21	SyLVaaS: System Level Formal Verification as a Service*. Fundamenta Informaticae, 2016, 149, 101-132.	0.4	14
22	Anytime system level verification via parallel random exhaustive hardware in the loop simulation. Microprocessors and Microsystems, 2016, 41, 12-28.	2.8	15
23	20th RCRA International workshop on "Experimental evaluation of algorithms for solving problems with combinatorial explosion". Journal of Experimental and Theoretical Artificial Intelligence, 2015, 27, 501-502.	2.8	0
24	User Flexibility Aware Price Policy Synthesis for Smart Grids. , 2015, , .		13
25	Experimental evaluation of algorithms for solving problems with combinatorial explosion. AI Communications, 2015, 28, 159-160.	1.2	2
26	SyLVaaS: System Level Formal Verification as a Service. , 2015, , .		11
27	Computing Biological Model Parameters by Parallel Statistical Model Checking. Lecture Notes in Computer Science, 2015, , 542-554.	1.3	16
28	Anytime System Level Verification via Random Exhaustive Hardware in the Loop Simulation. , 2014, , .		17
29	Patient-specific models from inter-patient biological models and clinical records. , 2014, , .		15
30	Demand-aware price policy synthesis and verification services for Smart Grids. , 2014, , .		22
31	System Level Formal Verification via Distributed Multi-core Hardware in the Loop Simulation. , 2014, , .		21
32	Finite model reasoning on UML class diagrams via constraint programming. Intelligenza Artificiale, 2013, 7, 57-65.	1.6	3
33	Automated reasoning. Intelligenza Artificiale, 2013, 7, 113-124.	1.6	1
34	System Level Formal Verification via Model Checking Driven Simulation. Lecture Notes in Computer Science, 2013, , 296-312.	1.3	24
35	Combinatorial problem solving over relational databases. , 2012, , .		11
36	18th RCRA International Workshop on "Experimental evaluation of algorithms for solving problems with combinatorial explosion". AI Communications, 2012, 25, 73-74.	1.2	1

#	ARTICLE	IF	CITATIONS
37	RCRA 2009 Experimental Evaluation of Algorithms for Solving Problems with Combinatorial Explosion. <i>Fundamenta Informaticae</i> , 2011, 107, i-ii.	0.4	0
38	17th RCRA international workshop on "Experimental evaluation of algorithms for solving problems with combinatorial explosion". <i>Annals of Mathematics and Artificial Intelligence</i> , 2011, 62, 159-160.	1.3	1
39	Generalizing consistency and other constraint properties to quantified constraints. <i>ACM Transactions on Computational Logic</i> , 2009, 10, 1-25.	0.9	5
40	Negotiation Exploiting Reasoning by Projections. <i>Advances in Intelligent and Soft Computing</i> , 2009, , 329-338.	0.2	1
41	Evaluating ASP and Commercial Solvers on the CSPLib. <i>Constraints</i> , 2008, 13, 407-436.	0.7	15
42	USING A THEOREM PROVER FOR REASONING ON CONSTRAINT PROBLEMS. <i>Applied Artificial Intelligence</i> , 2007, 21, 383-404.	3.2	8
43	Combining relational algebra, SQL, constraint modelling, and local search. <i>Theory and Practice of Logic Programming</i> , 2007, 7, 37-65.	1.5	9
44	Exploiting functional dependencies in declarative problem specifications. <i>Artificial Intelligence</i> , 2007, 171, 985-1010.	5.8	7
45	Finite Model Reasoning on UML Class Diagrams Via Constraint Programming. <i>Lecture Notes in Computer Science</i> , 2007, , 36-47.	1.3	21
46	Automated reformulation of specifications by safe delay of constraints. <i>Artificial Intelligence</i> , 2006, 170, 779-801.	5.8	9
47	Using a Theorem Prover for Reasoning on Constraint Problems. <i>Lecture Notes in Computer Science</i> , 2005, , 38-49.	1.3	7
48	Exploiting Fixable, Removable, and Implied Values in Constraint Satisfaction Problems. <i>Lecture Notes in Computer Science</i> , 2005, , 270-284.	1.3	3
49	Exploiting Functional Dependencies in Declarative Problem Specifications. <i>Lecture Notes in Computer Science</i> , 2004, , 628-640.	1.3	6
50	Reformulation Techniques for a Class of Permutation Problems. <i>Lecture Notes in Computer Science</i> , 2003, , 984-984.	1.3	0
51	Combining Relational Algebra, SQL, and Constraint Programming. <i>Lecture Notes in Computer Science</i> , 2002, , 147-161.	1.3	1
52	Knowledge compilation = query rewriting + view synthesis. , 2002, , .		1
53	Simulator Semantics for System Level Formal Verification. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 193, 86-99.	0.8	2