

Andrea Turrini

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

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citations

933447

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888059

17
g-index

41
all docs

41
docs citations

41
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic Preference Planning Problem for Markov Decision Processes. IEEE Transactions on Software Engineering, 2022, 48, 1545-1559.	5.6	1
2	EPMC Gets Knowledge in Multi-agent Systems. Lecture Notes in Computer Science, 2022, , 93-107.	1.3	2
3	An Introduction to Quantum Model Checking. Applied Sciences (Switzerland), 2022, 12, 2016.	2.5	2
4	Synthesizing ranking functions for loop programs via SVM. Theoretical Computer Science, 2022, , .	0.9	0
5	On Correctness, Precision, and Performance in Quantitative Verification. Lecture Notes in Computer Science, 2021, , 216-241.	1.3	14
6	Congruence Relations for Büchi Automata. Lecture Notes in Computer Science, 2021, , 465-482.	1.3	3
7	Proving Non-inclusion of Büchi Automata Based on Monte Carlo Sampling. Lecture Notes in Computer Science, 2020, , 467-483.	1.3	1
8	Modelling and Implementation of Unmanned Aircraft Collision Avoidance. Lecture Notes in Computer Science, 2020, , 52-69.	1.3	1
9	A Symbolic Algorithm for the Case-Split Rule in String Constraint Solving. Lecture Notes in Computer Science, 2020, , 343-363.	1.3	2
10	SVMRanker: a general termination analysis framework of loop programs via SVM. , 2020, , .		1
11	Learning Büchi Automata and Its Applications. Lecture Notes in Computer Science, 2019, , 38-98.	1.3	1
12	Synthesizing Nested Ranking Functions for Loop Programs via SVM. Lecture Notes in Computer Science, 2019, , 438-454.	1.3	5
13	Interval Markov Decision Processes with Multiple Objectives. ACM Transactions on Modeling and Computer Simulation, 2019, 29, 1-31.	0.8	14
14	ROLL 1.0: ω -Regular Language Learning Library. Lecture Notes in Computer Science, 2019, , 365-371.	1.3	5
15	Learning to Complement Büchi Automata. Lecture Notes in Computer Science, 2018, , 313-335.	1.3	6
16	The quest for minimal quotients for probabilistic and Markov automata. Information and Computation, 2018, 262, 162-186.	0.7	2
17	Advanced automata-based algorithms for program termination checking. , 2018, , .		14
18	Model Checking Probabilistic Epistemic Logic for Probabilistic Multiagent Systems. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
19	Advanced automata-based algorithms for program termination checking. ACM SIGPLAN Notices, 2018, 53, 135-150.	0.2	7
20	JANI: Quantitative Model and Tool Interaction. Lecture Notes in Computer Science, 2017, , 151-168.	1.3	59
21	Multi-objective Robust Strategy Synthesis for Interval Markov Decision Processes. Lecture Notes in Computer Science, 2017, , 207-223.	1.3	17
22	Polynomial-Time Alternating Probabilistic Bisimulation for Interval MDPs. Lecture Notes in Computer Science, 2017, , 25-41.	1.3	3
23	Synthesising Strategy Improvement and Recursive Algorithms for Solving 2.5 Player Parity Games. Lecture Notes in Computer Science, 2017, , 266-287.	1.3	3
24	A Simple Algorithm for Solving Qualitative Probabilistic Parity Games. Lecture Notes in Computer Science, 2016, , 291-311.	1.3	8
25	Deciding probabilistic automata weak bisimulation: theory and practice. Formal Aspects of Computing, 2016, 28, 109-143.	1.8	12
26	Exploiting Robust Optimization for Interval Probabilistic Bisimulation. Lecture Notes in Computer Science, 2016, , 55-71.	1.3	5
27	An Efficient Synthesis Algorithm for Parametric Markov Chains Against Linear Time Properties. Lecture Notes in Computer Science, 2016, , 280-296.	1.3	3
28	Compositional Bisimulation Minimization for Interval Markov Decision Processes. Lecture Notes in Computer Science, 2016, , 114-126.	1.3	5
29	QPMC: A Model Checker for Quantum Programs and Protocols. Lecture Notes in Computer Science, 2015, , 265-272.	1.3	13
30	Polynomial time decision algorithms for probabilistic automata. Information and Computation, 2015, 244, 134-171.	0.7	16
31	A Comparative Study of BDD Packages for Probabilistic Symbolic Model Checking. Lecture Notes in Computer Science, 2015, , 35-51.	1.3	12
32	Cost Preserving Bisimulations for Probabilistic Automata. Logical Methods in Computer Science, 2014, 10, .	0.4	2
33	The Quest for Minimal Quotients for Probabilistic Automata. Lecture Notes in Computer Science, 2013, , 16-31.	1.3	8
34	Deciding Bisimilarities on Distributions. Lecture Notes in Computer Science, 2013, , 72-88.	1.3	12
35	Cost Preserving Bisimulations for Probabilistic Automata. Lecture Notes in Computer Science, 2013, , 349-363.	1.3	2
36	Conditional Automata: A Tool for Safe Removal of Negligible Events. Lecture Notes in Computer Science, 2010, , 539-553.	1.3	0

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37	A quantitative doxastic logic for probabilistic processes and applications to information-hiding. Journal of Applied Non-Classical Logics, 2009, 19, 489-516.	0.5	5
38	Approximated Computationally Bounded Simulation Relations for Probabilistic Automata. Computer Security Foundations Workshop (CSFW), Proceedings of the IEEE, 2007, , .	0.0	13