Jean-Michel Ilié

List of Publications by Year
in descending order

36 papers	**210** citations	1040056 **9** h-index	1125743 **13** g-index
38 all docs	**38** docs citations	**38** times ranked	**96** citing authors

#	Article	IF	Citations
1	Design and Evaluation of a Symbolic and Abstraction-Based Model Checker. Lecture Notes in Computer Science, 2004, , 196-210.	1.3	45
2	A Higher-Order Agent Model with Contextual Planning Management for Ambient Systems. Lecture Notes in Computer Science, 2014, , 146-169.	1.3	14
3	Exploiting Partial Symmetries for Markov Chain Aggregation. Electronic Notes in Theoretical Computer Science, 2000, 39, 231-257.	0.9	11
4	A Higher-order Agent Model for Ambient Systems. Procedia Computer Science, 2013, 21, 156-163.	2.0	10
5	Dealing with temporal failure in ambient systems: a dynamic revision of plans. Journal of Ambient Intelligence and Humanized Computing, 2015, 6, 325-336.	4.9	10
6	Learning from situated experiences for a contextual planning guidance. Journal of Ambient Intelligence and Humanized Computing, 2016, 7, 555-566.	4.9	10
7	A Symbolic Symbolic State Space Representation. Lecture Notes in Computer Science, 2004, , 276-291.	1.3	10
8	A Dynamical Plan Revising for Ambient Systems. Procedia Computer Science, 2014, 32, 37-44.	2.0	9
9	Modular Verification of Petri Nets Properties: A Structure-Based Approach. Lecture Notes in Computer Science, 2005, , 189-203.	1.3	9
10	Improving the Contextual Selection of BDI Plans by Incorporating Situated Experiments. IFIP Advances in Information and Communication Technology, 2015, , 266-281.	0.7	9
11	Complementary Formal Approaches for Dependability Analysis. , 2009, , .		7
12	A Higher-Order Agent Model with Contextual Planning Management for Ambient Systems. Lecture Notes in Computer Science, 2014, , 146-169.	1.3	6
13	On well-formed nets and optimizations in enabling tests. Lecture Notes in Computer Science, 1993, , 300-318.	1.3	6
14	On the use of partial symmetries for lumping Markov chains. Performance Evaluation Review, 2001, 28, 33-35.	0.6	5
15	Time Recursive Petri Nets. Lecture Notes in Computer Science, 2008, , 104-118.	1.3	5
16	A Model Checking Method for Partially Symmetric Systems. IFIP Advances in Information and Communication Technology, 2000, , 121-136.	0.7	5
17	Contextual-Timed Planning Management for Ambient Systems. , 2014, , .		4
18	Toward an Efficient Ambient Guidance for Transport Applications. Procedia Computer Science, 2017, 110, 190-198.	2.0	4

#	Article	IF	Citations
19	Time and Space Reasoning for Ambient Systems. International Journal of Ambient Computing and Intelligence, 2017, 8, 38-57.	1.1	4
20	E-HoA: A Distributed Layered Architecture for Context-aware Autonomous Vehicles. Procedia Computer Science, 2020, 170, 530-538.	2.0	4
21	From Intentions to Plans: A Contextual Planning Guidance. Studies in Computational Intelligence, 2015, , 403-413.	0.9	4
22	Maximality Semantic For Recursive Petri Nets. , 2013, , .		4
23	Feasibility analysis for robustness quantification by symbolic model checking. Formal Methods in System Design, 2011, 39, 165-184.	0.8	3
24	A Formal Approach for Contextual Planning Management: Application to Smart Campus Environment. Lecture Notes in Computer Science, 2014, , 791-803.	1.3	3
25	A reduced maximality labeled transition system generation for recursive Petri nets. Formal Aspects of Computing, 2015, 27, 951-973.	1.8	3
26	Spatio-Temporal Planning for Mobile Ambient Agents. Procedia Computer Science, 2015, 56, 96-103.	2.0	1
27	Spatio-Temporal Guidance for Ambient Agents. , 2015, , .		1
28	Contextual time reasoning for mobile ambient agents. International Journal of Wireless and Mobile Computing, 2016, 10, 250.	0.2	1
29	Smart Agent Foundations: From Planning to Spatio-temporal Guidance. , 2016, , 33-63.		1
30	An Efficient Learning Assistant for a Contextual Road Navigation. Procedia Computer Science, 2020, 170, 522-529.	2.0	1
31	Hierarchical System Design Using Refinable Recursive Petri Net. Computing and Informatics, 2018, 37, 635-655.	0.7	1
32	Dealing with Failures for Execution Consistency in Context-aware Systems. Procedia Computer Science, 2020, 177, 212-219.	2.0	0
33	An Integrated Approach for Specification and Analysis of Functional and Performance Properties of Concurrent Systems. International Journal of Systems and Service-Oriented Engineering, 2015, 5, 1-15.	0.6	0
34	Relative Timed Model for Coordinated Multi Agent Systems. IFIP Advances in Information and Communication Technology, 2015, , 15-27.	0.7	0
35	Time Satisfaction In Coordinated Multi-Agent Systems With Relative Time Rates. , 2015, , .		0
36	A Reinforcement Learning Integrating Distributed Caches for Contextual Road Navigation. International Journal of Ambient Computing and Intelligence, 2022, 13, 0-0.	1.1	0