Davide Cerotti

List of Publications by Year
in descending order

26 papers	289 citations	1307594 7 h-index	1058476 14 g-index
28 all docs	28 docs citations	28 times ranked	222 citing authors

#	Article	IF	Citations
1	Assessing Self-Adapting Routing Algorithm in an Industrial IoT Environment. , 2021, , .		0
2	Evidence-Based Analysis of Cyber Attacks to Security Monitored Distributed Energy Resources. Applied Sciences (Switzerland), 2020, 10, 4725.	2.5	4
3	Scalable analytical model for reliability measures in aging VLSI by interacting Markovian agents. Performance Evaluation, 2019, 132, 21-37.	1.2	2
4	Crowdsourcing and Stigmergic Approaches forÂ(Swarm) Intelligent Transportation Systems. Lecture Notes in Computer Science, 2018, , 616-626.	1.3	3
5	Scalable analytical model of the reliability of multi-core systems-on-chip by interacting Markovian agents. , 2017, , .		1
6	Optimal population mix in pool depletion systems with two-class workload. , 2017, , .		2
7	Matching performance objectives for open and closed workloads by consolidation and replication. Annals of Operations Research, 2016, 239, 589-612.	4.1	3
8	A Crowd-Cooperative Approach for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2016, , 1-11.	8.0	13
9	Stochastic Analysis of Energy Consumption in Pool Depletion Systems. Lecture Notes in Computer Science, 2016, , 25-39.	1.3	6
10	Markovian Agent Models: A Dynamic Population of Interdependent Markovian Agents. Simulation Foundations, Methods and Applications, 2016, , 185-203.	0.1	11
11	Asymptotic Behavior and Performance Constraints of Replication Policies. Electronic Notes in Theoretical Computer Science, 2015, 310, 49-63.	0.9	4
12	An Intelligent Swarm of Markovian Agents. , 2015, , 1345-1359.		6
13	Multi-Class Queuing Networks Models for Energy Optimization. , 2015, , .		8
14	Probabilistic consensus in Markovian multi-agent networks. , 2014, , .		2
15	Markovian agents models for wireless sensor networks deployed in environmental protection. Reliability Engineering and System Safety, 2014, 130, 149-158.	8.9	15
16	Throughput Maximization with Multiclass Workloads and Resource Constraints. Lecture Notes in Computer Science, 2014, , 238-252.	1.3	0
17	Performance optimization with JMT: Java Modelling Tools. , 2014, , .		0
18	Markovian agent modeling swarm intelligence algorithms in wireless sensor networks. Performance Evaluation, 2012, 69, 135-149.	1.2	32

#	Article	IF	Citations
19	A Tool Suite for Modelling Spatial Interdependencies of Distributed Systems with Markovian Agents. Lecture Notes in Computer Science, 2011, , 280-294.	1.3	0
20	Adaptive swarm intelligence routing algorithms for WSN in a changing environment. , 2010, , .		1
21	A Markovian Agent Model for Fire Propagation in Outdoor Environments. Lecture Notes in Computer Science, 2010, , 131-146.	1.3	15
22	Presenting Dynamic Markovian Agents with a road tunnel application. , 2009, , .		4
23	The GreatSPN tool. Performance Evaluation Review, 2009, 36, 4-9.	0.6	108
24	Analytical modeling of swarm intelligence in wireless sensor networks through Markovian agents. , 2009, , .		5
25	Analysis of On-off policies in Sensor Networks Using Interacting Markovian Agents. , 2008, , .		34
26	UML Diagrams Supporting Domain Specification Inside the CRUTIAL Project. Lecture Notes in Computer Science, 2008, , 106-123.	1.3	1