Davide Cerotti

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	The GreatSPN tool. Performance Evaluation Review, 2009, 36, 4-9.	0.6	108
2	Analysis of On-off policies in Sensor Networks Using Interacting Markovian Agents. , 2008, , .		34
3	Markovian agent modeling swarm intelligence algorithms in wireless sensor networks. Performance Evaluation, 2012, 69, 135-149.	1.2	32
4	Markovian agents models for wireless sensor networks deployed in environmental protection. Reliability Engineering and System Safety, 2014, 130, 149-158.	8.9	15
5	A Markovian Agent Model for Fire Propagation in Outdoor Environments. Lecture Notes in Computer Science, 2010, , 131-146.	1.3	15
6	A Crowd-Cooperative Approach for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2016, , 1-11.	8.0	13
7	Markovian Agent Models: A Dynamic Population of Interdependent Markovian Agents. Simulation Foundations, Methods and Applications, 2016, , 185-203.	0.1	11
8	Multi-Class Queuing Networks Models for Energy Optimization. , 2015, , .		8
9	An Intelligent Swarm of Markovian Agents. , 2015, , 1345-1359.		6
10	Stochastic Analysis of Energy Consumption in Pool Depletion Systems. Lecture Notes in Computer Science, 2016, , 25-39.	1.3	6
11	Analytical modeling of swarm intelligence in wireless sensor networks through Markovian agents. , 2009, , .		5
12	Presenting Dynamic Markovian Agents with a road tunnel application. , 2009, , .		4
13	Asymptotic Behavior and Performance Constraints of Replication Policies. Electronic Notes in Theoretical Computer Science, 2015, 310, 49-63.	0.9	4
14	Evidence-Based Analysis of Cyber Attacks to Security Monitored Distributed Energy Resources. Applied Sciences (Switzerland), 2020, 10, 4725.	2.5	4
15	Matching performance objectives for open and closed workloads by consolidation and replication. Annals of Operations Research, 2016, 239, 589-612.	4.1	3
16	Crowdsourcing and Stigmergic Approaches forÂ(Swarm) Intelligent Transportation Systems. Lecture Notes in Computer Science, 2018, , 616-626.	1.3	3
17	Probabilistic consensus in Markovian multi-agent networks. , 2014, , .		2
18	Scalable analytical model for reliability measures in aging VLSI by interacting Markovian agents. Performance Evaluation, 2019, 132, 21-37.	1.2	2

#	Article	IF	Citations
19	Optimal population mix in pool depletion systems with two-class workload. , 2017, , .		2
20	UML Diagrams Supporting Domain Specification Inside the CRUTIAL Project. Lecture Notes in Computer Science, 2008, , 106-123.	1.3	1
21	Adaptive swarm intelligence routing algorithms for WSN in a changing environment. , 2010, , .		1
22	Scalable analytical model of the reliability of multi-core systems-on-chip by interacting Markovian agents. , 2017, , .		1
23	A Tool Suite for Modelling Spatial Interdependencies of Distributed Systems with Markovian Agents. Lecture Notes in Computer Science, 2011, , 280-294.	1.3	0
24	Throughput Maximization with Multiclass Workloads and Resource Constraints. Lecture Notes in Computer Science, 2014, , 238-252.	1.3	0
25	Performance optimization with JMT: Java Modelling Tools. , 2014, , .		0
26	Assessing Self-Adapting Routing Algorithm in an Industrial IoT Environment. , 2021, , .		0