Rocco Aversa

List of Publications by Year
in descending order

49 papers	603 citations	759233 12 h-index	752698 20 g-index
55 all docs	55 docs citations	55 times ranked	406 citing authors

#	Article	IF	Citations
1	GreenCharge Simulation Tool. Advances in Intelligent Systems and Computing, 2020, , 1343-1351.	0.6	5
2	Smart Communities of Intelligent Software Agents for Collaborating and Semantically Interoperable Micro-Grids. Advances in Intelligent Systems and Computing, 2018, , 834-843.	0.6	0
3	An autonomic monitoring framework for IaaS cloud applications. International Journal of Grid and Utility Computing, 2017, 8, 330.	0.2	1
4	Communication overlay for communities of collaborative agents in smart grid domains. International Journal of Bio-Inspired Computation, 2017, 10, 79.	0.9	1
5	A Cyber Physical System of Smart Micro-Grids. , 2016, , .		5
6	CoSSMic Smart Grid Migration in Federated Clouds. , 2016, , .		2
7	Intrusion detection in federated clouds. International Journal of Computational Science and Engineering, 2016, 13, 219.	0.5	9
8	An Agent-Based Platform for Resource Configuration and Monitoring of Cloud Applications. Lecture Notes in Information Systems and Organisation, 2016, , 299-310.	0.6	1
9	Design of an Agent Based Monitoring Framework for Federated Clouds. , 2016, , .		2
10	Agent-Based High-Level Interaction Patterns for Modeling Individual and Collective Optimizations Problems. Computer Communications and Networks, 2016, , 69-81.	0.8	0
11	Intrusion detection in federated clouds. International Journal of Computational Science and Engineering, 2016, 13, 219.	0.5	3
12	Parallel and distributed computing for UAVs trajectory planning. Journal of Ambient Intelligence and Humanized Computing, 2015, 6, 773-782.	4.9	18
13	An Agent-Based Platform for Cloud Applications Performance Monitoring. , 2015, , .		4
14	A Parallel and a Distributed Implementation of the Core Paths Graph Algorithm. Studies in Computational Intelligence, 2015, , 417-426.	0.9	0
15	Agent-Based Intrusion Detection for Federated Clouds. , 2014, , .		2
16	Model-driven engineering of cloud components in MetaMORP(h)OSY. International Journal of Grid and Utility Computing, 2014, 5, 107.	0.2	46
17	Software Agents for Collaborating Smart Solar-Powered Micro-Grids. Lecture Notes in Information Systems and Organisation, 2014, , 125-133.	0.6	14
18	Critical Systems Verification in MetaMORP(h)OSY. Lecture Notes in Computer Science, 2014, , 119-129.	1.3	12

#	Article	IF	Citations
19	Hybrid Localization for Ubiquitous Services. , 2013, , .		0
20	Intrusion Detection in Cloud Computing. , 2013, , .		30
21	Agent-Based Design for UAV Mission Planning. , 2013, , .		14
22	Agents Based Monitoring of Heterogeneous Cloud Infrastructures. , 2013, , .		6
23	A distributed scheduling framework based on selfish autonomous agents for federated cloud environments. Future Generation Computer Systems, 2013, 29, 1461-1472.	7.5	42
24	Autonomic Agents for Real Time UAV Mission Planning. , 2013, , .		6
25	Agent Based Application Tools for Cloud Provisioning and Management. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 32-42.	0.3	12
26	Describing Cloud Use Case in MetaMORP(h)OSY. , 2012, , .		23
27	Management of Cloud Infrastructures through Agents. , 2012, , .		8
28	User Centric Service Level Management in mOSAIC Applications. Lecture Notes in Computer Science, 2012, , 106-115.	1.3	13
29	A Cloud Agency for SLA Negotiation and Management. Lecture Notes in Computer Science, 2011, , 587-594.	1.3	50
30	Architecturing a Sky Computing Platform. Lecture Notes in Computer Science, 2011, , 1-13.	1.3	34
31	Cloud@Home: Performance Management Components. Lecture Notes in Computer Science, 2011, , 579-586.	1.3	1
32	Cloud Agency: A Mobile Agent Based Cloud System. , 2010, , .		57
33	Mobile Agents for Management of Native Applications in GRID. Lecture Notes in Computer Science, 2010, , 214-223.	1.3	0
34	A Grid Service for Resource-to-Agent Allocation. , 2009, , .		4
35	Integration of Mobile Agents Technology and Globus for Assisted Design and Automated Development of Grid Services. , 2009, , .		6
36	Distributed Agents Network for Ubiquitous Monitoring and Services Exploitation. , 2009, , .		14

#	Article	IF	Citations
37	Load Balancing of Mobile Agents Based Applications in Grid Systems. , 2008, , .		3
38	Services Based Integrated Architecture for Adaptive Multimedia Delivery. , 2008, , .		1
39	An Agent-Based Approach for Distributed Execution of Composite Web Services. , 2008, , .		6
40	Web Services Composition and Delivery Using a Mobile Agents Based Infrastructure. , 2006, , .		6
41	MAGDA: A Mobile Agent based Grid Architecture. Journal of Grid Computing, 2006, 4, 395-412.	3.9	35
42	Mobile Agents Based Collective Communication: An Application to a Parallel Plasma Simulation. Lecture Notes in Computer Science, 2006, , 724-733.	1.3	1
43	Performance prediction through simulation of a hybrid MPI/OpenMP application. Parallel Computing, 2005, 31, 1013-1033.	2.1	23
44	A hierarchical distributed-shared memory parallel Branch&Bound application with PVM and OpenMP for multiprocessor clusters. Parallel Computing, 2005, 31, 1034-1047.	2.1	7
45	Performance Analysis of Hybrid OpenMP/MPI N-Body Application. Lecture Notes in Computer Science, 2005, , 12-18.	1.3	3
46	Mobile Agent Programming for Clusters with Parallel Skeletons. Lecture Notes in Computer Science, 2003, , 622-635.	1.3	4
47	On the Evaluation of the Distributed Objects and Mobile Agents Programming Models for a Distributed Optimization Application. Lecture Notes in Computer Science, 2002, , 233-242.	1.3	3
48	Mobile Agents for Distributed and Dynamically Balanced Optimization Applications. Lecture Notes in Computer Science, 2001, , 161-170.	1.3	7
49	Restructuring Irregular Computations for Distributed Systems Using Mobile Agents. Lecture Notes in Computer Science, 2001, , 223-232.	1.3	2