

Salvatore Venticinquè

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

1,317
citations

623188

14
h-index

525886

27
g-index

144
all docs

144
docs citations

144
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	An Automated Tool for Smart Water Network Partitioning. Water Resources Management, 2013, 27, 4493-4508.	1.9	89
2	An SLA-based Broker for Cloud Infrastructures. Journal of Grid Computing, 2013, 11, 1-25.	2.5	80
3	Experiences in building a mOSAIC of clouds. Journal of Cloud Computing: Advances, Systems and Applications, 2013, 2, 12.	2.1	75
4	A methodology for deployment of IoT application in fog. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1955-1976.	3.3	63
5	Cloud Agency: A Mobile Agent Based Cloud System. , 2010, , .		57
6	Cloud Application Monitoring: The mOSAIC Approach. , 2011, , .		54
7	A Cloud Agency for SLA Negotiation and Management. Lecture Notes in Computer Science, 2011, , 587-594.	1.0	50
8	A distributed scheduling framework based on selfish autonomous agents for federated cloud environments. Future Generation Computer Systems, 2013, 29, 1461-1472.	4.9	42
9	MAGDA: A Mobile Agent based Grid Architecture. Journal of Grid Computing, 2006, 4, 395-412.	2.5	35
10	Agents Based Cloud Computing Interface for Resource Provisioning and Management. , 2012, , .		34
11	Architecturing a Sky Computing Platform. Lecture Notes in Computer Science, 2011, , 1-13.	1.0	34
12	Multi-objective Decision Support for Brokering of Cloud SLA. , 2013, , .		26
13	Cloud Brokering as a Service. , 2013, , .		25
14	Performance prediction through simulation of a hybrid MPI/OpenMP application. Parallel Computing, 2005, 31, 1013-1033.	1.3	23
15	Semantically Augmented Exploitation of Pervasive Environments by Intelligent Agents. , 2012, , .		22
16	OverFA: a collaborative framework for the semantic annotation of documents and websites. International Journal of Web and Grid Services, 2009, 5, 30.	0.4	21
17	A simulation model for localization of pervasive objects using heterogeneous wireless networks. Simulation Modelling Practice and Theory, 2011, 19, 1758-1772.	2.2	20
18	QoS Management in Cloud@Home Infrastructures. , 2011, , .		19

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19	Parallel and distributed computing for UAVs trajectory planning. Journal of Ambient Intelligence and Humanized Computing, 2015, 6, 773-782.	3.3	18
20	mOSAIC-Based Intrusion Detection Framework for Cloud Computing. Lecture Notes in Computer Science, 2012, , 628-644.	1.0	17
21	Agents based multi-criteria decision-aid. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 747-758.	3.3	15
22	Multiobjective Optimization for Brokering of Multicloud Service Composition. ACM Transactions on Internet Technology, 2016, 16, 1-20.	3.0	15
23	Distributed Agents Network for Ubiquitous Monitoring and Services Exploitation. , 2009, , .		14
24	Agent-Based Design for UAV Mission Planning. , 2013, , .		14
25	Software Agents for Collaborating Smart Solar-Powered Micro-Grids. Lecture Notes in Information Systems and Organisation, 2014, , 125-133.	0.4	14
26	User Centric Service Level Management in mOSAIC Applications. Lecture Notes in Computer Science, 2012, , 106-115.	1.0	13
27	Multi-agent Negotiation of Decentralized Energy Production in Smart Micro-grid. Studies in Computational Intelligence, 2015, , 155-160.	0.7	12
28	A distributed agent-based system for coordinating smart solar-powered microgrids. , 2016, , .		12
29	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.	0.2	12
30	A Semantic Framework for Delivery of Context-Aware Ubiquitous Services in Pervasive Environments. , 2012, , .		10
31	Mobile Devices for the Visit of "Anfiteatro Campano" in Santa Maria Capua Vetere. Lecture Notes in Computer Science, 2012, , 281-290.	1.0	10
32	A RESTFull interface for scalable agents based cloud services. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 16, 219.	0.3	9
33	Personalized Recommendation of Semantically Annotated Media Contents. Studies in Computational Intelligence, 2014, , 261-270.	0.7	9
34	Distributed architecture for agents-based energy negotiation in solar powered micro-grids. Concurrency Computation Practice and Experience, 2016, 28, 1275-1290.	1.4	9
35	Management of Cloud Infrastructures through Agents. , 2012, , .		8
36	Big Data Processing for Pervasive Environment in Cloud Computing. , 2014, , .		8

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37	Design and evaluation of P2P overlays for energy negotiation in smart micro-grid. Computer Standards and Interfaces, 2016, 44, 159-168.	3.8	8
38	An IoT System for Monitoring and Data Collection of Residential Water End-Use Consumption. , 2019, , .		8
39	A Distributed System for Smart Energy Negotiation. Lecture Notes in Computer Science, 2014, , 422-434.	1.0	8
40	On the evaluation of JavaSymphony for cluster applications. , 0, , .		7
41	A hierarchical distributed-shared memory parallel Branch&Bound application with PVM and OpenMP for multiprocessor clusters. Parallel Computing, 2005, 31, 1034-1047.	1.3	7
42	Testing Complex Safety-Critical Systems in SOA Context. , 2008, , .		7
43	Semantic and Agent Technologies for Cloud Vendor Agnostic Resource Brokering. , 2013, , .		7
44	An architecture for using commodity devices and smart phones in health systems. , 2016, , .		7
45	Mobile Agents for Distributed and Dynamically Balanced Optimization Applications. Lecture Notes in Computer Science, 2001, , 161-170.	1.0	7
46	Learning and Prediction of E-Car Charging Requirements for Flexible Loads Shifting. Lecture Notes in Computer Science, 2019, , 284-293.	1.0	7
47	MAGDA: a software environment for mobile agent based distributed applications. , 2003, , .		6
48	Terminal-aware grid resource and service discovery and access based on agents technology. , 2004, , .		6
49	Web Services Composition and Delivery Using a Mobile Agents Based Infrastructure. , 2006, , .		6
50	An Agent-Based Approach for Distributed Execution of Composite Web Services. , 2008, , .		6
51	Integration of Mobile Agents Technology and Globus for Assisted Design and Automated Development of Grid Services. , 2009, , .		6
52	Agents Based Monitoring of Heterogeneous Cloud Infrastructures. , 2013, , .		6
53	Autonomic Agents for Real Time UAV Mission Planning. , 2013, , .		6
54	Towards a SLA for Collaborating Smart Solar-Powered Micro-Grids. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
55	Adaptive recommendation to dynamically changing profiles for delivery of ubiquitous services. International Journal of Computational Science and Engineering, 2016, 13, 322.	0.4	6
56	Development of an IoT System for the Generation of a Database of Residential Water End-Use Consumption Time Series. Environmental Sciences Proceedings, 2020, 2, 20.	0.3	6
57	Porting of Semantically Annotated and Geo-Located Images to an Interoperability Framework. Lecture Notes in Networks and Systems, 2022, , 508-516.	0.5	6
58	Cloud Evaluation: Benchmarking and Monitoring. , 2015, , 175-199.		5
59	Agents-based deployment of heterogeneous IaaS clouds. International Journal of Computational Science and Engineering, 2015, 11, 78.	0.4	5
60	A Cyber Physical System of Smart Micro-Grids. , 2016, , .		5
61	Extending the internet of energy by a social networking of human users and autonomous agents. Multimedia Tools and Applications, 2017, 76, 26057-26076.	2.6	5
62	A Distributed Cloud Brokering Service. Informatica, 2015, 26, 1-15.	1.5	5
63	A Grid Service for Resource-to-Agent Allocation. , 2009, , .		4
64	Image Recognition and Augmented Reality in Cultural Heritage Using OpenCV. , 2013, , .		4
65	Evaluating Technology Innovation for E-Mobility. , 2019, , .		4
66	Mobile Agent Programming for Clusters with Parallel Skeletons. Lecture Notes in Computer Science, 2003, , 622-635.	1.0	4
67	Multi-objective Genetic Algorithm for Multi-cloud Brokering. Lecture Notes in Computer Science, 2014, , 55-64.	1.0	4
68	Performance Analysis of Hybrid OpenMP/MPI N-Body Application. Lecture Notes in Computer Science, 2005, , 12-18.	1.0	3
69	Designing multi-layers self-adaptive complex applications. , 2007, , .		3
70	Load Balancing of Mobile Agents Based Applications in Grid Systems. , 2008, , .		3
71	A positioning service for pervasive objects in dynamic environments. , 2010, , .		3
72	A Multi-agent and Dynamic Programming Algorithm for Aeronautical Maintenance Planning. , 2013, , .		3

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73	User-centric infrastructure as a service by Cloud Agency. Multiagent and Grid Systems, 2013, 9, 157-179.	0.5	3
74	Modelling, design and evaluation of multi-objective cloud brokering. International Journal of Web and Grid Services, 2015, 11, 21.	0.4	3
75	A Negotiation Solution for Smart Grid Using a Fully Decentralized, P2P Approach. , 2015, , .		3
76	A Methodology Based on Computational Patterns for Offloading of Big Data Applications on Cloud-Edge Platforms. Future Internet, 2020, 12, 28.	2.4	3
77	Semantic and knowledge based support to business model evaluation to stimulate green behaviour of electric vehiclesâ€™ drivers and energy prosumers. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	3.3	3
78	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.	1.0	3
79	A Distributed Agent-based Decision Support for Cloud Brokering. Scalable Computing, 2014, 15, .	0.7	3
80	A Comparison of Two Different Approaches to Cloud Monitoring. Studies in Computational Intelligence, 2014, , 69-91.	0.7	3
81	Automatic and Dynamic Composition of Web Services Using Ontologies. , 2007, , 230-235.		3
82	Performance simulation of a hybrid openMP/MPI application with HeSSE. Advances in Parallel Computing, 2004, , 803-810.	0.3	2
83	A Skeleton Based Programming Paradigm for Mobile Multi-Agents on Distributed Systems and Its Realization within the MAGDA Mobile Agents Platform. Mobile Information Systems, 2008, 4, 131-146.	0.4	2
84	A Semantic Support for Testing Activities of Safety-Critical Embedded Systems. , 2014, , .		2
85	A Virtual Market for Energy Negotiation and Brokering. , 2015, , .		2
86	CoSSMic Smart Grid Migration in Federated Clouds. , 2016, , .		2
87	Intelligent Distributed Computing. Concurrency Computation Practice and Experience, 2016, 28, 1257-1260.	1.4	2
88	Evaluation of innovative solutions for e-mobility. International Journal of Grid and Utility Computing, 2021, 12, 159.	0.1	2
89	Design of Policy-Based Security Mechanisms in a Distributed Web Services Architecture. Lecture Notes in Computer Science, 2006, , 454-463.	1.0	2
90	Inferring Appliance Load Profiles from Measurements. Lecture Notes in Computer Science, 2015, , 118-130.	1.0	2

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91	Adaptive recommendation to dynamically changing profiles for delivery of ubiquitous services. International Journal of Computational Science and Engineering, 2016, 13, 322.	0.4	2
92	Impact of COVID-19 emergency on residential water end-use consumption measured with a high-resolution IoT system. Journal of Water Supply: Research and Technology - AQUA, 2021, 70, 1248-1256.	0.6	2
93	A genetic algorithm for real-time demand side management in smart-microgrids. International Journal of Computational Science and Engineering, 2022, 25, 91.	0.4	2
94	A hierarchical approach for designing dependable systems. , 0, , .		1
95	A Framework for Mobile Agent Platform performance Evaluation. , 2007, , .		1
96	Services Based Integrated Architecture for Adaptive Multimedia Delivery. , 2008, , .		1
97	Agents Layer to Support Cloud Applications. Studies in Computational Intelligence, 2013, , 281-286.	0.7	1
98	Semantic Engine and Cloud Agency for Vendor Agnostic Retrieval, Discovery, and Brokering of Cloud Services. Lecture Notes in Computer Science, 2015, , 8-25.	1.0	1
99	Big Data for Effective Management of Smart Grids. Studies in Big Data, 2017, , 209-229.	0.8	1
100	Communication overlay for communities of collaborative agents in smart grid domains. International Journal of Bio-Inspired Computation, 2017, 10, 79.	0.6	1
101	A Resource Discovery Service for a Mobile Agents Based Grid Infrastructure. , 2004, , 189-200.		1
102	Mobile Agents Based Collective Communication: An Application to a Parallel Plasma Simulation. Lecture Notes in Computer Science, 2006, , 724-733.	1.0	1
103	Cloud@Home: Performance Management Components. Lecture Notes in Computer Science, 2011, , 579-586.	1.0	1
104	Agents Network for Automatic Safety Check in Constructing Sites. International Journal of Adaptive Resilient and Autonomic Systems, 2011, 2, 23-36.	0.3	1
105	A Distributed and Scalable Solution for Applying Semantic Techniques to Big Data. , 2016, , 1091-1109.		1
106	A Grid-Based Distributed Simulation of Plasma Turbulence. , 2006, , 523-534.		0
107	A Hierarchical Distributed Shared-Memory Parallel Branch & Bound Application with PVM and OpenMP for Multiprocessor Clusters. , 2006, , 745-756.		0
108	Integrating Distributed Component and Mobile Agents programming models in Grid computing. , 2007, , .		0

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109	WGISD 2008-Welcome Message from the Organizers. , 2008, , .		0
110	Welcome Message from the SWISM 2010 Workshop Organizers. , 2010, , .		0
111	Message from the AHPCN-10 Symposium Chairs. , 2010, , .		0
112	Message from the Workshop/Symposium Chairs. , 2010, , .		0
113	Message from SWISM 2012 Workshop Co-Chairs. , 2012, , .		0
114	Simulation and Support of Critical Activities by Mobile Agents in Pervasive and Ubiquitous Scenarios. , 2012, , .		0
115	3PGCIC 2013: Message from the Conference Organizers. , 2013, , .		0
116	Message from the ITUS-13 Organizing Committee. , 2013, , .		0
117	Message from the UIAS-13 Organizing Committee. , 2013, , .		0
118	A Distributed and Scalable Solution for Applying Semantic Techniques to Big Data. International Journal of Mobile Computing and Multimedia Communications, 2014, 6, 50-67.	0.4	0
119	CISIS SWISM Welcome Message. , 2014, , .		0
120	Emergent behavior in multi-agent systems forÂcollaborating smart micro-grids. Intelligenza Artificiale, 2015, 9, 193-208.	1.0	0
121	Message from SWISM 2015 Workshop Co-Chairs. , 2015, , .		0
122	Message from SWISM 2016 Workshop Co-Chairs. , 2016, , .		0
123	Secure microGRID in Cloud: The CoSSMic Case Study. Lecture Notes in Computer Science, 2017, , 759-772.	1.0	0
124	Migrating mission-critical applications in federated cloud: a case study. International Journal of High Performance Computing and Networking, 2018, 12, 379.	0.4	0
125	Mobile Agents for Management of Native Applications in GRID. Lecture Notes in Computer Science, 2010, , 214-223.	1.0	0
126	A Parallel and a Distributed Implementation of the Core Paths Graph Algorithm. Studies in Computational Intelligence, 2015, , 417-426.	0.7	0

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127	A Scalable and Distributed Cloud Brokering Service. Scalable Computing, 2015, 16, .	0.7	0
128	Brokering of Cloud Infrastructures Driven by Simulation of Scientific Workloads. Lecture Notes in Information Systems and Organisation, 2016, , 239-250.	0.4	0
129	Smart Communities of Intelligent Software Agents for Collaborating and Semantically Interoperable Micro-Grids. Advances in Intelligent Systems and Computing, 2018, , 834-843.	0.5	0
130	Agents Network for Automatic Safety Check in Constructing Sites. , 0, , 124-136.		0