

Antonio Corradi

List of Publications by Year in descending order

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260
papers

5,753
citations

185998

28
h-index

133063

59
g-index

270
all docs

270
docs citations

270
times ranked

4937
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual Environments as Enablers of Civic Awareness and Engagement. , 2022, , 565-578.		0
2	An Architecture for Service Integration to Fully Support Novel Personalized Smart Tourism Offerings. Sensors, 2022, 22, 1619.	2.1	8
3	A Layered Middleware for OT/IT Convergence to Empower Industry 5.0 Applications. Sensors, 2022, 22, 190.	2.1	18
4	TEMPOS: QoS Management Middleware for Edge Cloud Computing FaaS in the Internet of Things. IEEE Access, 2022, 10, 49114-49127.	2.6	14
5	Elastic Provisioning of Stateful Telco Services in Mobile Cloud Networking. IEEE Transactions on Services Computing, 2021, 14, 710-723.	3.2	5
6	Context Incorporation Techniques for Social Recommender Systems. , 2021, , .		1
7	Enhancing the Performance of Industry 4.0 Scenarios via Serverless Processing at the Edge. , 2021, , .		3
8	QoS-Aware Approximate Query Processing for Smart Cities Spatial Data Streams. Sensors, 2021, 21, 4160.	2.1	5
9	Efficient QoS-Aware Spatial Join Processing for Scalable NoSQL Storage Frameworks. IEEE Transactions on Network and Service Management, 2021, 18, 2437-2449.	3.2	8
10	Smart Management of Healthcare Professionals Involved in COVID-19 Contrast With SWAPS. Frontiers in Sustainable Cities, 2021, 3, .	1.2	3
11	IPPODAMO. , 2021, , .		4
12	A Shared Memory Approach for Function Chaining in Serverless Platforms. , 2021, , .		7
13	Efficiently Integrating Mobility and Environment Data for Climate Change Analytics. , 2021, , .		3
14	DerechoDDS: Strongly Consistent Data Distribution for Mission-Critical Applications. , 2021, , .		3
15	A Digital Twin Decision Support System for the Urban Facility Management Process. Sensors, 2021, 21, 8460.	2.1	19
16	Virtual Environments as Enablers of Civic Awareness and Engagement. International Journal of Urban Planning and Smart Cities, 2020, 1, 22-34.	0.4	3
17	HS-AUTOFIT: a highly scalable AUTOFIT application for Cloud and HPC environments. , 2020, , .		1
18	Big Spatial Data Management for the Internet of Things: A Survey. Journal of Network and Systems Management, 2020, 28, 990-1035.	3.3	13

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19	Spatially Representative Online Big Data Sampling for Smart Cities. , 2020, , .		5
20	Enabling Smart Manufacturing by Empowering Data Integration with Industrial IoT Support. , 2020, , .		6
21	Feasibility of Commodity WiFi for Operations Control in an Autonomous Production Site. , 2020, , .		1
22	Optimization strategies for the selection of mobile edges in hybrid crowdsensing architectures. Computer Communications, 2020, 157, 132-142.	3.1	3
23	A Pre-Filtering Approach for Incorporating Contextual Information Into Deep Learning Based Recommender Systems. IEEE Access, 2020, 8, 40485-40498.	2.6	19
24	Locality-Preserving Spatial Partitioning for Geo Big Data Analytics in Main Memory Frameworks. , 2020, , .		4
25	An Efficient and Reliable Multi-Cloud Provider Monitoring Solution. , 2020, , .		1
26	Understanding advanced DRAM edge placement error budget and opportunities for control. , 2020, , .		3
27	A Geo-distributed Architectural Approach Favouring Smart Tourism Development in the 5G Era. , 2020, , .		5
28	A Simulation Framework for Virtualized Resources in Cloud Data Center Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1808-1819.	9.7	4
29	Cloud-enabled Smart Data Collection in Shop Floor Environments for Industry 4.0. , 2019, , .		9
30	Differentiated Service/Data Migration for Edge Services Leveraging Container Characteristics. IEEE Access, 2019, 7, 139746-139758.	2.6	38
31	Design Guidelines for Big Data Gathering in Industry 4.0 Environments. , 2019, , .		4
32	Selection of Mobile Edges for a Hybrid CrowdSensing Architecture. , 2019, , .		4
33	Load balancing in D2D networks Using Reinforcement Learning. , 2019, , .		6
34	The Audit4Cloud Platform for Auditing the Networking Performance of Public Clouds. , 2019, , .		0
35	Smart Appliances and RAMI 4.0: Management and Servitization of Ice Cream Machines. IEEE Transactions on Industrial Informatics, 2019, 15, 1007-1016.	7.2	34
36	A survey on fog computing for the Internet of Things. Pervasive and Mobile Computing, 2019, 52, 71-99.	2.1	189

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37	Mobile Cloud Support for Semantic-Enriched Speech Recognition in Social Care. IEEE Transactions on Cloud Computing, 2019, 7, 259-272.	3.1	5
38	Crowdsensing in Smart Cities. , 2019, , 893-915.		0
39	Participact for smart and connected communities. , 2018, , .		2
40	The Need of Multidisciplinary Approaches and Engineering Tools for the Development and Implementation of the Smart City Paradigm. Proceedings of the IEEE, 2018, 106, 738-760.	16.4	42
41	Cloud Distributed File Systems: A Benchmark of HDFS, Ceph, GlusterFS, and XtremeFS. , 2018, , .		5
42	A Crowdsensing Campaign and Data Analytics for Assisting Urban Mobility Pattern Determination. , 2018, , .		3
43	In-memory Spatial-Aware Framework for Processing Proximity-Alike Queries in Big Spatial Data. , 2018, , .		7
44	Cost-Effective Strategies for Provisioning NoSQL Storage Services in Support for Industry 4.0. , 2018, , .		8
45	Collaborative Offloading for Distributed Mobile-Cloud Apps. , 2018, , .		7
46	Improving OpenStack Networking: Advantages and Performance of Native SDN Integration. , 2018, , .		6
47	LocalFocus: A Big Data Service Platform for Local Communities and Smarter Cities. IEEE Communications Magazine, 2018, 56, 116-123.	4.9	56
48	Cooperative Vehicular Traffic Monitoring in Realistic Low Penetration Scenarios: The COLOMBO Experience. Sensors, 2018, 18, 822.	2.1	9
49	Improved Adaptation and Survivability via Dynamic Service Composition of Ubiquitous Computing Middleware. IEEE Access, 2018, 6, 33604-33620.	2.6	4
50	Assessment of local variability by high-throughput e-beam metrology for prediction of patterning defect probabilities. , 2018, , .		3
51	Human dynamics of mobile crowd sensing experimental datasets. , 2017, , .		3
52	Mobile crowd sensing management with the ParticipAct living lab. Pervasive and Mobile Computing, 2017, 38, 200-214.	2.1	30
53	GAMESH: A grid architecture for scalable monitoring and enhanced dependable job scheduling. Future Generation Computer Systems, 2017, 71, 192-201.	4.9	9
54	NoMISHAP: A Novel Middleware Support for High Availability in Multicloud PaaS. IEEE Cloud Computing, 2017, 4, 60-72.	5.3	8

#	ARTICLE	IF	CITATIONS
55	Efficient spark-based framework for big geospatial data query processing and analysis. , 2017, , .		14
56	Integrating mobile internet of things and cloud computing towards scalability: lessons learned from existing fog computing architectures and solutions. International Journal of Cloud Computing, 2017, 6, 393.	0.3	3
57	Integrating mobile internet of things and cloud computing towards scalability: lessons learned from existing fog computing architectures and solutions. International Journal of Cloud Computing, 2017, 6, 393.	0.3	1
58	Mobile Crowd Sensing as an Enabler for People as a Service Mobile Computing. Lecture Notes in Computer Science, 2017, , 144-157.	1.0	3
59	Semantic SPARQL queries: a novel federation model and implementation towards Enterprise Data Governance. , 2017, , .		0
60	Leveraging Communities to Boost Participation and Data Collection in Mobile Crowd Sensing. , 2016, , .		6
61	A federation model to support semantic SPARQL queries for enterprise data governance. , 2016, , .		1
62	Scalable and mobile context data retrieval and distribution for community response heterogeneous wireless networks. , 2016, 54, 101-107.		3
63	Empowering mobile crowdsensing through social and ad hoc networking. , 2016, 54, 108-114.		43
64	Crowdsensing and proximity services for impaired mobility. , 2016, , .		10
65	ParticipAct: A Large-Scale Crowdsensing Platform. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 21-32.	3.2	57
66	Scalable monitoring and dependable job scheduling support for multi-domain grid infrastructures. , 2016, , .		3
67	Quality Audit and Resource Brokering for Network Functions Virtualization (NFV) Orchestration in Hybrid Clouds. , 2015, , .		3
68	Smartphones as smart cities sensors: MCS scheduling in the ParticipAct project. , 2015, , .		9
69	Context-Aware Support for Geographical Routing Protocols. , 2015, , .		0
70	Scalable and Cost-Effective Assignment of Mobile Crowdsensing Tasks Based on Profiling Trends and Prediction: The ParticipAct Living Lab Experience. Sensors, 2015, 15, 18613-18640.	2.1	28
71	Social amplification factor for mobile crowd sensing: The ParticipAct experience. , 2015, , .		4
72	Cloud PaaS Brokering in Action: The Cloud4SOA Management Infrastructure. , 2015, , .		3

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73	Securing the infrastructure and the workloads of linux containers. , 2015, , .		38
74	Design of energy-efficient cloud systems via network and resource virtualization. International Journal of Network Management, 2015, 25, 75-94.	1.4	10
75	Enhancing the quality level support for real-time multimedia applications in software-defined networks. , 2015, , .		29
76	Virtual network function embedding in real cloud environments. Computer Networks, 2015, 93, 506-517.	3.2	21
77	Heterogeneous cloud systems monitoring using semantic and linked data technologies. , 2015, , .		4
78	Elastic provisioning of virtual Hadoop clusters in OpenStack-based Clouds. , 2015, , .		6
79	Automatic extraction of POIs in smart cities: Big data processing in ParticipAct. , 2015, , .		7
80	Middleware-Layer Quality-Aware Collaborative Re-casting of Live Multimedia in Multi-hop Spontaneous Networks. Journal of Network and Systems Management, 2015, 23, 620-649.	3.3	6
81	Crowdsensing in Smart Cities. Advances in Environmental Engineering and Green Technologies Book Series, 2015, , 316-338.	0.3	5
82	Cloud Standards. , 2015, , 1387-1416.		0
83	Quality-of-Service in Data Center Stream Processing for Smart City Applications. , 2015, , 1047-1076.		0
84	An introduction to InP-based generic integration technology. Semiconductor Science and Technology, 2014, 29, 083001.	1.0	422
85	Priority-Based Resource Scheduling in Distributed Stream Processing Systems for Big Data Applications. , 2014, , .		21
86	Crowdsensing in Urban Areas for City-Scale Mass Gathering Management: Geofencing and Activity Recognition. IEEE Sensors Journal, 2014, 14, 4185-4195.	2.4	74
87	Linked data for Open Government: The case of Bologna. , 2014, , .		4
88	Activity recognition for Smart City scenarios: Google Play Services vs. MoST facilities. , 2014, , .		8
89	Self-Adaptive Context Data Management in Large-Scale Mobile Systems. IEEE Transactions on Computers, 2014, 63, 2549-2562.	2.4	2
90	A performance evaluation of TopHat RNA sequences alignment tool on openstack-based cloud environments. , 2014, , .		1

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91	Monitoring applications and services to improve the Cloud Foundry PaaS. , 2014, , .		0
92	The participact mobile crowd sensing living lab: The testbed for smart cities. , 2014, 52, 78-85.		110
93	Quality of Service in Wide Scale Publish“Subscribe Systems. IEEE Communications Surveys and Tutorials, 2014, 16, 1591-1616.	24.8	43
94	The management of cloud systems. Future Generation Computer Systems, 2014, 32, 24-26.	4.9	8
95	VM consolidation: A real case based on OpenStack Cloud. Future Generation Computer Systems, 2014, 32, 118-127.	4.9	191
96	Evaluating CP Techniques to Plan Dynamic Resource Provisioning in Distributed Stream Processing. Lecture Notes in Computer Science, 2014, , 193-209.	1.0	2
97	Ultra-Fast Load Balancing of Distributed Key-Value“Stores through Network-Assisted Lookups. Lecture Notes in Computer Science, 2014, , 294-305.	1.0	3
98	Towards an Automated BPEL-based SaaS Provisioning Support for OpenStack IaaS. Scalable Computing, 2014, 14, .	0.7	1
99	Fostering participation in smart cities: a geo-social crowdsensing platform. , 2013, 51, 112-119.		258
100	Enhancing Intradomain Scalability of IMS-Based Services. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2386-2395.	4.0	8
101	Management Infrastructures for Power-Efficient Cloud Computing Architectures. Computer Communications and Networks, 2013, , 133-152.	0.8	2
102	Real-Time Urban Monitoring in Dublin Using Semantic and Stream Technologies. Lecture Notes in Computer Science, 2013, , 178-194.	1.0	12
103	Convergence of MANET and WSN in IoT Urban Scenarios. IEEE Sensors Journal, 2013, 13, 3558-3567.	2.4	341
104	Self-Organizing Seamless Multimedia Streaming in Dense Manets. IEEE Pervasive Computing, 2013, 12, 68-78.	1.1	7
105	Dynamic Cloud management for efficient stream processing. , 2013, , .		0
106	DARGOS: A highly adaptable and scalable monitoring architecture for multi-tenant Clouds. Future Generation Computer Systems, 2013, 29, 2041-2056.	4.9	105
107	Dynamic datacenter resource provisioning for high-performance distributed stream processing with adaptive fault-tolerance. , 2013, , .		2
108	MSF: An Efficient Mobile Phone Sensing Framework. International Journal of Distributed Sensor Networks, 2013, 9, 538937.	1.3	22

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109	Self-Adaptive Context Data Distribution with Quality Guarantees in Mobile P2P Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 115-131.	9.7	9
110	Data Distribution Service (DDS): A performance comparison of OpenSplice and RTI implementations. , 2013, , .		30
111	Context data distribution with quality guarantees for Android-based mobile systems. Security and Communication Networks, 2013, 6, 450-460.	1.0	3
112	Dual-wavelength operation of monolithically integrated arrayed waveguide grating lasers for optical heterodyning. Proceedings of SPIE, 2013, , .	0.8	0
113	Workflow Management and Mobile Agents. , 2013, , 1329-1375.		0
114	Automated Provisioning of SaaS Applications over IaaS-Based Cloud Systems. Communications in Computer and Information Science, 2013, , 94-105.	0.4	3
115	The QUASIT Model and Framework for Scalable Data Stream Processing with Quality of Service. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 92-107.	0.2	5
116	WalkSafe. , 2012, , .		120
117	Design and Implementation of a Scalable and QoS-aware Stream Processing Framework: The Quasit Prototype. , 2012, , .		4
118	Context data distribution in mobile systems: A case study on Android-based phones. , 2012, , .		1
119	Socio-technical awareness to support recommendation and efficient delivery of IMS-enabled mobile services. , 2012, 50, 82-90.		19
120	Middleware for Differentiated Quality in Spontaneous Networks. IEEE Pervasive Computing, 2012, 11, 64-75.	1.1	18
121	Database security management for healthcare SaaS in the Amazon AWS Cloud. , 2012, , .		17
122	DDS-enabled Cloud management support for fast task offloading. , 2012, , .		10
123	Integrated dual-wavelength semiconductor laser systems for millimeter wave generation. , 2012, , .		1
124	A Stable Network-Aware VM Placement for Cloud Systems. , 2012, , .		150
125	A survey of context data distribution for mobile ubiquitous systems. ACM Computing Surveys, 2012, 44, 1-45.	16.1	203
126	Inter-and-intra data center VM-placement for energy-efficient large-Scale cloud systems. , 2012, , .		31

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127	The Future Internet convergence of IMS and ubiquitous smart environments: An IMS-based solution for energy efficiency. <i>Journal of Network and Computer Applications</i> , 2012, 35, 1203-1209.	5.8	13
128	Towards Adaptive and Scalable Context Aware Middleware. , 2012, , 21-37.		0
129	Workflow Management and Mobile Agents. , 2012, , 167-214.		0
130	Increasing Cloud power efficiency through consolidation techniques. , 2011, , .		19
131	Reliable communication for mobile MANET-WSN scenarios. , 2011, , .		2
132	A Unifying Perspective on Context-Aware Evaluation and Management of Heterogeneous Wireless Connectivity. <i>IEEE Communications Surveys and Tutorials</i> , 2011, 13, 337-357.	24.8	18
133	M2M-based metropolitan platform for IMS-enabled road traffic management in IoT. , 2011, 49, 50-57.		110
134	Differentiated Management Strategies for Multi-Hop Multi-Path Heterogeneous Connectivity in Mobile Environments. <i>IEEE Transactions on Network and Service Management</i> , 2011, 8, 190-204.	3.2	19
135	Off-the-shelf ready to go middleware for self-reconfiguring and self-optimizing ubiquitous computing applications. , 2011, , .		6
136	Cross-Network Opportunistic Collection of Urgent Data in Wireless Sensor Networks. <i>Computer Journal</i> , 2011, 54, 1949-1962.	1.5	6
137	Effective epidemic dissemination of multimedia metadata in Peer-to-Peer overlay networks: The Metis architecture and prototype. , 2011, , .		0
138	QoC-Based Context Data Caching for Disaster Area Scenarios. , 2011, , .		9
139	Resource-Awareness in Context Data Distribution for Mobile Environments. , 2011, , .		2
140	iPOJO-based Middleware Solutions for Self-Reconfiguration and Self-Optimization. <i>KSII Transactions on Internet and Information Systems</i> , 2011, 5, .	0.7	0
141	Welcome messages. , 2010, , .		0
142	Towards Adaptive and Scalable Context Aware Middleware. <i>International Journal of Adaptive Resilient and Autonomic Systems</i> , 2010, 1, 58-74.	0.3	6
143	Counteracting Wireless Congestion in Data Distribution with Adaptive Batching Techniques. , 2010, , .		3
144	The real Ad-hoc Multi-hop Peer-to-peer (RAMP) middleware: An easy-to-use support for spontaneous networking. , 2010, , .		21

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145	Adaptive context data distribution with guaranteed quality for mobile environments. , 2010, , .		15
146	IMS-Compliant management of vertical handoffs for mobile multimedia session continuity. , 2010, 48, 114-121.		20
147	A DDS-compliant infrastructure for fault-tolerant and scalable data dissemination. , 2010, , .		12
148	Translucent middleware approach to facilitate WSN access management. , 2010, , .		0
149	Towards efficient and reliable context data distribution in disaster area scenarios. , 2010, , .		1
150	Supporting Energy-Efficient Uploading Strategies for Continuous Sensing Applications on Mobile Phones. Lecture Notes in Computer Science, 2010, , 355-372.	1.0	46
151	Self-adaptive and time-constrained data distribution paths for emergency response scenarios. , 2010, , .		1
152	Presence Services for the Support of Location-Based Applications. , 2010, , 233-260.		0
153	Understanding and enhancing the scalability of IMS-based services for Wireless Local Networks. , 2009, , .		3
154	Dynamic reconfiguration of middleware for ubiquitous computing. , 2009, , .		9
155	Dissemination and Harvesting of Urban Data Using Vehicular Sensing Platforms. IEEE Transactions on Vehicular Technology, 2009, 58, 882-901.	3.9	177
156	Mobility-aware Management of Internet Connectivity in Always Best Served Wireless Scenarios. Mobile Networks and Applications, 2009, 14, 18-34.	2.2	15
157	Facing crosscutting concerns in a middleware for pervasive Service composition. , 2009, , .		1
158	IMS-based presence service with enhanced scalability and guaranteed QoS for interdomain enterprise mobility. IEEE Wireless Communications, 2009, 16, 16-23.	6.6	20
159	A DDS-compliant P2P infrastructure for reliable and QoS-enabled data dissemination. , 2009, , .		5
160	Enabling secure service discovery in mobile healthcare enterprise networks. IEEE Wireless Communications, 2009, 16, 24-32.	6.6	40
161	Implementing a scalable context-aware middleware. , 2009, , .		11
162	Effective adaptation decisions based on context-aware proactive handoff for mobile multimedia continuity maintenance. , 2009, , .		0

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163	Enhancing the Scalability of IMS-Based Presence Service for LBS Applications. , 2009, , .		7
164	A Quality of Context-Aware Approach to Access Control in Pervasive Environments. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 236-251.	0.2	15
165	Multi-hop Multi-path Cooperative Connectivity Guided by Mobility, Throughput, and Energy Awareness: a Middleware Approach. Journal of Software, 2009, 4, .	0.6	3
166	Semantic-based discovery to support mobile context-aware service access. Computer Communications, 2008, 31, 935-949.	3.1	64
167	Dynamic and context-aware streaming adaptation to smooth quality degradation due to IEEE 802.11 performance anomaly. Journal of Supercomputing, 2008, 45, 15-28.	2.4	3
168	The PoSIM middleware for translucent and context-aware integrated management of heterogeneous positioning systems. Computer Communications, 2008, 31, 1078-1090.	3.1	9
169	Mobility-aware middleware for self-organizing heterogeneous networks with multihop multipath connectivity. IEEE Wireless Communications, 2008, 15, 22-30.	6.6	15
170	Coordination for the internet of services: A user-centric approach. , 2008, , .		0
171	Workshop 18 introduction: Fifth International Workshop on Hot Topics in Peer-to-Peer Systems - HOTP2P. , 2008, , .		0
172	An IMS Vertical Handoff Solution to Dynamically Adapt Mobile Multimedia Services. , 2008, , .		8
173	A user-centric composition model for the Internet of Services. , 2008, , .		8
174	A layered infrastructure for mobility-aware best connectivity in the heterogeneous wireless internet. , 2008, , .		6
175	Context-Aware Middleware for Reliable Multi-hop Multi-path Connectivity. Lecture Notes in Computer Science, 2008, , 66-78.	1.0	2
176	Welcome to HotP2P'07. , 2007, , .		0
177	Mobility-Aware Connectivity for Seamless Multimedia Delivery in the Heterogeneous Wireless Internet. Proceedings - International Symposium on Computers and Communications, 2007, , .	0.0	3
178	Context-Aware Multimedia Middleware Solutions for Counteracting IEEE 802.11 Performance Anomaly. , 2007, , .		1
179	A Mobile Delay-Tolerant Approach to Long-Term Energy-Efficient Underwater Sensor Networking. , 2007, , .		47
180	Context-aware handoff middleware for transparent service continuity in wireless networks. Pervasive and Mobile Computing, 2007, 3, 439-466.	2.1	50

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181	Adaptive Semantic Middleware for Mobile Environments. Journal of Networks, 2007, 2, .	0.4	5
182	Dynamic configuration of semantic-based service provisioning to portable devices. , 2006, , .		1
183	SIP-Based Proactive Handoff Management for Session Continuity in the Wireless Internet. , 2006, , .		9
184	Evaluating Filtering Strategies for Decentralized Handover Prediction in the Wireless Internet. , 2006, , .		28
185	A k-hop Clustering Protocol for Dense Mobile Ad-Hoc Networks. , 2006, , .		16
186	Context-aware middleware solutions for anytime and anywhere emergency assistance to elderly people. , 2006, 44, 82-90.		85
187	Context-aware semantic discovery for next generation mobile systems. , 2006, 44, 62-71.		53
188	Mobeyes: smart mobs for urban monitoring with a vehicular sensor network. IEEE Wireless Communications, 2006, 13, 52-57.	6.6	307
189	SIUMI 2006 Foreword. , 2006, , .		0
190	A mobile computing middleware for location- and context-aware internet data services. ACM Transactions on Internet Technology, 2006, 6, 356-380.	3.0	40
191	Coupling Transparency and Visibility: a Translucent Middleware Approach for Positioning System Integration and Management (PoSIM). , 2006, , .		6
192	REDMAN: An optimistic replication middleware for read-only resources in dense MANETs. Pervasive and Mobile Computing, 2005, 1, 279-310.	2.1	34
193	A context-aware group management middleware to support resource sharing in MANET environments. , 2005, , .		8
194	Lightweight autonomic dissemination of entertainment services in widescale wireless environments. , 2005, 43, 94-101.		7
195	Application-Level Middleware to Proactively Manage Handoff in Wireless Internet Multimedia. Lecture Notes in Computer Science, 2005, , 156-167.	1.0	15
196	Adaptive Buffering-Based on Handoff Prediction for Wireless Internet Continuous Services. Lecture Notes in Computer Science, 2005, , 1021-1032.	1.0	7
197	Active middleware for Internet Video on Demand: the QoS-aware routing solution in ubiQoS. Microprocessors and Microsystems, 2003, 27, 73-83.	1.8	6
198	Context-aware middleware for resource management in the wireless internet. IEEE Transactions on Software Engineering, 2003, 29, 1086-1099.	4.3	146

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199	Dynamic binding in mobile applications - A middleware approach. IEEE Internet Computing, 2003, 7, 34-42.	3.2	42
200	Application-level QoS control for video-on-demand. IEEE Internet Computing, 2003, 7, 16-24.	3.2	23
201	QoS-aware accounting in mobile computing scenarios. , 2003, , .		2
202	Pervasive Accounting of Resource Consumption for Wireless Services with Adaptive QoS. Lecture Notes in Computer Science, 2003, , 155-169.	1.0	0
203	Policy-Driven Binding to Information Resources in Mobility-Enabled Scenarios. Lecture Notes in Computer Science, 2003, , 212-229.	1.0	3
204	Java for On-line Distributed Monitoring of Heterogeneous Systems and Services. Computer Journal, 2002, 45, 595-607.	1.5	10
205	The ubiquitous provisioning of internet services to portable devices. IEEE Pervasive Computing, 2002, 1, 81-87.	1.1	63
206	Security of mobile agents on the Internet. Internet Research, 2001, 11, 84-95.	2.7	19
207	Parallel object allocation via user-specified directives: A case study in traffic simulation. Parallel Computing, 2001, 27, 223-241.	1.3	4
208	Middleware services for interoperability in open mobile agent systems. Microprocessors and Microsystems, 2001, 25, 75-83.	1.8	8
209	Mobile agent middleware for mobile computing. Computer, 2001, 34, 73-81.	1.2	136
210	Policy-Driven Management of Agent Systems. Lecture Notes in Computer Science, 2001, , 214-229.	1.0	18
211	Parallel Objects Migration: A Fine Grained Approach to Load Distribution. Journal of Parallel and Distributed Computing, 2000, 60, 48-71.	2.7	6
212	A mobile agent infrastructure for the mobility support. , 2000, , .		17
213	The mobile agent technology to support and to access museum information. , 2000, , .		2
214	An integrated management environment for network resources and services. IEEE Journal on Selected Areas in Communications, 2000, 18, 676-685.	9.7	22
215	Security in Programmable Network Infrastructures: The Integration of Network and Application Solutions. Lecture Notes in Computer Science, 2000, , 262-276.	1.0	2
216	A Flexible Management Framework for Certificate Status Validation. IFIP Advances in Information and Communication Technology, 2000, , 481-490.	0.5	1

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217	Mobile agents integrity for electronic commerce applications. Information Systems, 1999, 24, 519-533.	2.4	36
218	An Open Secure Mobile Agent Framework for Systems Management. Journal of Network and Systems Management, 1999, 7, 323-339.	3.3	38
219	Diffusive load-balancing policies for dynamic applications. IEEE Concurrency, 1999, 7, 22-31.	0.8	94
220	A communication micro-kernel for implementing object-oriented programming on closely coupled distributed architectures. Concurrency and Computation: Practice and Experience, 1999, 11, 43-68.	0.6	0
221	Mobile agents for Web-based systems management. Internet Research, 1999, 9, 360-371.	2.7	3
222	Strategies and protocols for highly parallel Linda servers. Software - Practice and Experience, 1998, 28, 1493-1517.	2.5	8
223	High-level management of allocation in a parallel objects environment. Journal of Systems Architecture, 1998, 45, 47-63.	2.5	3
224	Melding abstractions with mobile agents. Lecture Notes in Computer Science, 1998, , 278-289.	1.0	6
225	Integration of automated and user-level tools toward efficient parallel objects allocation. Lecture Notes in Computer Science, 1997, , 654-663.	1.0	0
226	A deadlock prevention strategy for adaptive routing systems. Microprocessors and Microsystems, 1996, 20, 97-103.	1.8	0
227	Adaptive routing for dynamic applications in massively parallel architectures. IEEE Parallel and Distributed Technology, 1995, 3, 61-74.	0.7	8
228	LOAD BALANCING STRATEGIES FOR MASSIVELY PARALLEL ARCHITECTURES. Parallel Processing Letters, 1992, 02, 139-148.	0.4	17
229	Concurrency within objects: layered approach. Information and Software Technology, 1991, 33, 403-412.	3.0	7
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