Paolo Bellavista

List of Publications by Year
in descending order

259	5,643	201575	143943
papers	citations	27 h-index	57 g-index

282	282	282	4952
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Virtual Emotion Detection Architecture With Two-Way Enabled Delay Bound toward Evolutional Emotion-Based IoT Services. IEEE Transactions on Mobile Computing, 2022, 21, 1172-1181.	3.9	9
2	Virtual Environments as Enablers of Civic Awareness and Engagement. , 2022, , 565-578.		0
3	Complexity Problems Handled by Advanced Computer Simulation Technology in Smart Cities 2021. Complexity, 2022, 2022, 1-3.	0.9	2
4	A mobility-based deployment strategy for edge data centers. Journal of Parallel and Distributed Computing, 2022, 164, 133-141.	2.7	5
5	TEMPOS: QoS Management Middleware for Edge Cloud Computing FaaS in the Internet of Things. IEEE Access, 2022, 10, 49114-49127.	2.6	14
6	IoTwins: Toward Implementation of Distributed Digital Twins in Industry 4.0 Settings. Computers, 2022, 11, 67.	2.1	22
7	High-Level Metrics for Service Level Objective-aware Autoscaling in Polaris: a Performance Evaluation. , 2022, , .		1
8	Digital twin oriented architecture for secure and QoS aware intelligent communications in industrial environments. Pervasive and Mobile Computing, 2022, 85, 101646.	2.1	6
9	Efficient Security and Authentication for Edge-Based Internet of Medical Things. IEEE Internet of Things Journal, 2021, 8, 15652-15662.	5.5	63
10	Elastic Provisioning of Stateful Telco Services in Mobile Cloud Networking. IEEE Transactions on Services Computing, 2021, 14, 710-723.	3.2	5
11	Value of Information Based Sensor Ranking for Efficient Sensor Service Allocation in Service Oriented Wireless Sensor Networks. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 823-838.	3.2	16
12	Energy and congestion aware routing based on hybrid gradient fields for wireless sensor networks. Wireless Networks, 2021, 27, 175-193.	2.0	6
13	Defining the Behavior of IoT Devices Through the MUD Standard: Review, Challenges, and Research Directions. IEEE Access, 2021, 9, 126265-126285.	2.6	7
14	Editorial for this SI on â€œLocation Based Services and Applications in the era of Internet of Thingsâ€• Pervasive and Mobile Computing, 2021, 71, 101350.	2.1	0
15	Efficient and Privacy Preserving Video Transmission in 5G-Enabled IoT Surveillance Networks: Current Challenges and Future Directions. IEEE Network, 2021, 35, 26-33.	4.9	10
16	Fog Node Placement in IoT Scenarios with Stringent QoS Requirements: Experimental Evaluation. , 2021, , .		0
17	Context Incorporation Techniques for Social Recommender Systems. , 2021, , .		1
18	End-to-end QoS Management in Self-Configuring TSN Networks. , 2021, , .		13

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19	QoS-Aware Approximate Query Processing for Smart Cities Spatial Data Streams. Sensors, 2021, 21, 4160.	2.1	5
20	QoS-Enabled Semantic Routing for Industry 4.0 based on SDN and MOM Integration. , 2021, , .		5
21	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
22	Interoperable Blockchains for Highly-Integrated Supply Chains in Collaborative Manufacturing. Sensors, 2021, 21, 4955.	2.1	29
23	Smart Management of Healthcare Professionals Involved in COVID-19 Contrast With SWAPS. Frontiers in Sustainable Cities, 2021, 3, .	1.2	3
24	Application-Driven Network-Aware Digital Twin Management in Industrial Edge Environments. IEEE Transactions on Industrial Informatics, 2021, 17, 7791-7801.	7.2	60
25	Measuring the impact of COVID-19 restrictions on mobility: A real case study from Italy. Journal of Communications and Networks, 2021, 23, 340-349.	1.8	6
26	Efficiently Integrating Mobility and Environment Data for Climate Change Analytics. , 2021, , .		3
27	Toward Energy-Efficient Distributed Federated Learning for 6G Networks. IEEE Wireless Communications, 2021, 28, 34-40.	6.6	16
28	A privacy-preserving cryptosystem for IoT E-healthcare. Information Sciences, 2020, 527, 493-510.	4.0	129
29	Virtual Environments as Enablers of Civic Awareness and Engagement. International Journal of Urban Planning and Smart Cities, 2020, 1, 22-34.	0.4	3
30	Machine Learning for Predictive Diagnostics at the Edge: an IIoT Practical Example. , 2020, , .		15
31	Big Spatial Data Management for the Internet of Things: A Survey. Journal of Network and Systems Management, 2020, 28, 990-1035.	3.3	13
32	An Edge-based Distributed Ledger Architecture for Supporting Decentralized Incentives in Mobile Crowdsensing. , 2020, , .		7
33	Spatially Representative Online Big Data Sampling for Smart Cities. , 2020, , .		5
34	Multi Layer Routing in SDN-enabled Fog Environments. , 2020, , .		0
35	Prioritization and Alert Fusion in Distributed IoT Sensors Using Kademlia Based Distributed Hash Tables. IEEE Access, 2020, 8, 175194-175204.	2.6	7
36	A Reference Model and Prototype Implementation for SDN-Based Multi Layer Routing in Fog Environments. IEEE Transactions on Network and Service Management, 2020, 17, 1460-1473.	3.2	13

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37	HOlistic pRocessing and NETworking (HORNET): An Integrated Solution for IoT-Based Fog Computing Services. IEEE Access, 2020, 8, 66707-66721.	2.6	9
38	SDN-Based Traffic Management Middleware for Spontaneous WMNs. Journal of Network and Systems Management, 2020, 28, 1575-1609.	3.3	6
39	A Pre-Filtering Approach for Incorporating Contextual Information Into Deep Learning Based Recommender Systems. IEEE Access, 2020, 8, 40485-40498.	2.6	19
40	Industry 4.0 Solutions for Interoperability: a Use Case about Tools and Tool Chains in the Arrowhead Tools Project. , 2020, , .		6
41	CoLearn. , 2020, , .		32
42	Meeting Stringent QoS Requirements in IIoT-based Scenarios. , 2020, , .		5
43	Locality-Preserving Spatial Partitioning for Geo Big Data Analytics in Main Memory Frameworks. , 2020, , .		4
44	Interaction and Behaviour Evaluation for Smart Homes. , 2020, , .		3
45	Efficient Deep CNN-Based Fire Detection and Localization in Video Surveillance Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1419-1434.	5.9	279
46	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
47	MEFS: Mobile Edge File System for Edge-Assisted Mobile Apps. , 2019, , .		3
48	Self-Adaptive Management of SDN Distributed Controllers for Highly Dynamic IoT Networks. , 2019, , .		4
49	Container Orchestration Engines: A Thorough Functional and Performance Comparison. , 2019, , .		55
50	Analysis of Growth Strategies in Social Media: The Instagram Use Case. , 2019, , .		3
51	Differentiated Service/Data Migration for Edge Services Leveraging Container Characteristics. IEEE Access, 2019, 7, 139746-139758.	2.6	38
52	Toward Self-Adaptive Software Defined Fog Networking Architecture for IIoT and Industry 4.0. , 2019, , .		23
53	Design Guidelines for Big Data Gathering in Industry 4.0 Environments. , 2019, , .		4
54	Fog-Driven Context-Aware Architecture for Node Discovery and Energy Saving Strategy for Internet of Things Environments. IEEE Access, 2019, 7, 134173-134186.	2.6	9

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55	Toward Privacy-Aware Healthcare Data Fusion Systems. Communications in Computer and Information Science, 2019, , 26-37.	0.4	1
56	A Social-Driven Edge Computing Architecture for Mobile Crowd Sensing Management. IEEE Communications Magazine, 2019, 57, 68-73.	4.9	31
57	Complexity Problems Handled by Big Data Technology. Complexity, 2019, 2019, 1-7.	0.9	3
58	Spatial-Aware Approximate Big Data Stream Processing. , 2019, , .		10
59	A Support Infrastructure for Machine Learning at the Edge in Smart City Surveillance. , 2019, , .		7
60	Clustering of Spatial Data with DBSCAN: An Assessment of STARK. , 2019, , .		0
61	Delay-Bounded Virtual Emotion Recognition Using IoT Barriers in Advanced Smart Environment. , 2019, , .		2
62	The Audit4Cloud Platform for Auditing the Networking Performance of Public Clouds. , 2019, , .		0
63	MQTT-based Middleware for Container Support in Fog Computing Environments. , 2019, , .		7
64	FogDocker. , 2019, , .		15
65	A survey on fog computing for the Internet of Things. Pervasive and Mobile Computing, 2019, 52, 71-99.	2.1	189
66	QoS and performance metrics for container-based virtualization in cloud environments. , 2019, , .		7
67	A Comprehensive Fog-Enabled Architecture for IoT Platforms. Communications in Computer and Information Science, 2019, , 177-190.	0.4	1
68	Crowdsensing in Smart Cities. , 2019, , 893-915.		0
69	Participact for smart and connected communities. , 2018, , .		2
70	Human-Enabled Edge Computing: Exploiting the Crowd as a Dynamic Extension of Mobile Edge Computing. , 2018, 56, 145-155.		55
71	Multi-domain SDN controller federation in hybrid FiWi-MANET networks. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	10
72	Quality Management of Surveillance Multimedia Streams Via Federated SDN Controllers in Fiwi-Iot Integrated Deployment Environments. IEEE Access, 2018, 6, 21324-21341.	2.6	23

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73	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
74	Software-defined handover decision engine for heterogeneous cloud radio access networks. Computer Communications, 2018, 115, 21-34.	3.1	29
75	Cloud Distributed File Systems: A Benchmark of HDFS, Ceph, GlusterFS, and XtremeFS. , 2018, , .		5
76	An Implementation Experience with SDN-enabled IoT Data Exchange Middleware. , 2018, , .		1
77	In-memory Spatial-Aware Framework for Processing Proximity-Alike Queries in Big Spatial Data. , 2018, , .		7
78	DRIVE: Discovery seRvice for fully-Integrated 5G enVironmEnt in the IoT. , 2018, , .		0
79	Cost-Effective Strategies for Provisioning NoSQL Storage Services in Support for Industry 4.0. , 2018, , .		8
80	DCNs-2. , 2018, , .		1
81	Enabling Multi-Mission Interoperable UAS Using Data-Centric Communications. Sensors, 2018, 18, 3421.	2.1	8
82	MANET-oriented SDN: Motivations, Challenges, and a Solution Prototype. , 2018, , .		22
83	Elastic Provisioning of Internet of Things Services Using Fog Computing: An Experience Report. , 2018, , .		15
84	MQTT-Driven Node Discovery for Integrated IoT-Fog Settings Revisited: The Impact of Advertiser Dynamicity. , 2018, , .		10
85	Software Defined Networking for Quality-aware Management of Multi-hop Spontaneous Networks. , 2018, , .		11
86	Cooperative Vehicular Traffic Monitoring in Realistic Low Penetration Scenarios: The COLOMBO Experience. Sensors, 2018, 18, 822.	2.1	9
87	Multiâ€stage resource allocation in hybrid 25Gâ€EPON and LTEâ€Advanced Pro FiWi networks for 5G systems. IET Networks, 2018, 7, 173-180.	1.1	4
88	MQTT-Driven Sustainable Node Discovery for Internet of Things-Fog Environments. , 2018, , .		11
89	Improved Adaptation and Survivability via Dynamic Service Composition of Ubiquitous Computing Middleware. IEEE Access, 2018, 6, 33604-33620.	2.6	4
90	Dynamic Identification of Participatory Mobile Health Communities. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 208-217.	0.2	1

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91	Feasibility of Fog Computing Deployment based on Docker Containerization over RaspberryPi. , 2017, , .		113
92	Constructing event-driven partial barriers with resilience in wireless mobile sensor networks. Journal of Network and Computer Applications, 2017, 82, 77-92.	5.8	17
93	Collision-free reinforced barriers in UAV networks. Journal of Computational Science, 2017, 22, 289-300.	1.5	14
94	Cloud Resource Management With Turnaround Time Driven Auto-Scaling. IEEE Access, 2017, 5, 9831-9841.	2.6	6
95	Special Issue on Context-aware Mobile Recommender Systems. Pervasive and Mobile Computing, 2017, 38, 444-445.	2.1	4
96	The Trap Coverage Area Protocol for Scalable Vehicular Target Tracking. IEEE Access, 2017, 5, 4470-4491.	2.6	5
97	Human dynamics of mobile crowd sensing experimental datasets. , 2017, , .		3
98	Proximity discovery and data dissemination for mobile crowd sensing using LTE direct. Computer Networks, 2017, 129, 510-521.	3.2	12
99	LTE proximity discovery for supporting participatory mobile health communities. , 2017, , .		11
100	Mobile crowd sensing management with the ParticipAct living lab. Pervasive and Mobile Computing, 2017, 38, 200-214.	2.1	30
101	GAMESH: A grid architecture for scalable monitoring and enhanced dependable job scheduling. Future Generation Computer Systems, 2017, 71, 192-201.	4.9	9
102	On collision-free reinforced barriers for multi domain IoT with heterogeneous UAVs. , 2017, , .		6
103	NoMISHAP: A Novel Middleware Support for High Availability in Multicloud PaaS. IEEE Cloud Computing, 2017, 4, 60-72.	5.3	8
104	Efficient spark-based framework for big geospatial data query processing and analysis. , 2017, , .		14
105	Automated selection of offloadable tasks for mobile computation offloading in edge computing. , 2017, , .		8
106	Hybrid 5G opticalâ€wireless SDNâ€based networks, challenges and open issues. IET Networks, 2017, 6, 141-148.	1.1	33
107	Automated offloading of android applications for computation/energy optimizations. , 2017, , .		3
108	Prototyping nfv-based multi-access edge computing in 5G ready networks with open baton. , 2017, , .		33

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109	Converging Mobile Edge Computing, Fog Computing, and IoT Quality Requirements. , 2017, , .		14
110	A Middleware Solution for Wireless IoT Applications in Sparse Smart Cities. Sensors, 2017, 17, 2525.	2.1	16
111	The PeRvasive Environment Sensing and Sharing Solution. Sustainability, 2017, 9, 585.	1.6	18
112	Smart Cities: Recent Trends, Methodologies, and Applications. Wireless Communications and Mobile Computing, 2017, 2017, 1-2.	0.8	17
113	A migration-enhanced edge computing support for mobile devices in hostile environments. , 2017, , .		23
114	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
115	Mobile Crowd Sensing as an Enabler for People as a Service Mobile Computing. Lecture Notes in Computer Science, 2017, , 144-157.	1.0	3
116	V2V protocols for traffic congestion discovery along routes of interest in VANETs: a quantitative study. Wireless Communications and Mobile Computing, 2016, 16, 2907-2923.	0.8	19
117	Lightweight Internet Traffic Classification: A Subject-Based Solution with Word Embeddings. , 2016, , .		3
118	Towards better scalability for IoT-cloud interactions via combined exploitation of MQTT and CoAP. , 2016, , .		49
119	Mobile Cloud Networking: Lessons Learnt, Open Research Directions, and Industrial Innovation Opportunities. , 2016, , .		5
120	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
121	Impact of Interdisciplinary Research on Planning, Running, and Managing Electromobility as a Smart Grid Extension. IEEE Access, 2015, 3, 2281-2305.	2.6	22
122	Virtual network function embedding in real cloud environments. Computer Networks, 2015, 93, 506-517.	3.2	21
123	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
124	Crowdsensing in Smart Cities. Advances in Environmental Engineering and Green Technologies Book Series, 2015, , 316-338.	0.3	5
125	Cyber Physical Sensors and Actuators for Privacy- and Cost-Aware Optimization of User-Generated Content Provisioning. International Journal of Distributed Sensor Networks, 2015, 2015, 1-10.	1.3	1
126	Quality-of-Service in Data Center Stream Processing for Smart City Applications. , 2015, , 1047-1076.		0

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127	Priority-Based Resource Scheduling in Distributed Stream Processing Systems for Big Data Applications. , 2014, , .		21
128	Soft real-time GPRS traffic analytics for commercial M2M communications using spark. , 2014, , .		2
129	Implementing and evaluating V2X protocols over iTETRIS. , 2014, , .		9
130	V2X Protocols for Low-Penetration-Rate and Cooperative Traffic Estimations. , 2014, , .		15
131	Emerging research areas in SIP-based converged services for extended Web clients. World Wide Web, 2014, 17, 1295-1319.	2.7	1
132	Peer-to-Peer Content Sharing Based on Social Identities and Relationships. IEEE Internet Computing, 2014, 18, 55-63.	3.2	29
133	Personalized medical services using smart cities' infrastructures. , 2014, , .		22
134	Online stream processing of machine-to-machine communications traffic: A platform comparison. , 2014, , .		3
135	Quality of Service in Wide Scale Publishâ€"Subscribe Systems. IEEE Communications Surveys and Tutorials, 2014, 16, 1591-1616.	24.8	43
136	MINA: A reflective middleware for managing dynamic multinetwork environments. , 2014, , .		20
137	A Software Defined Networking architecture for the Internet-of-Things. , 2014, , .		240
138	Evaluating CP Techniques to Plan Dynamic Resource Provisioning in Distributed Stream Processing. Lecture Notes in Computer Science, 2014, , 193-209.	1.0	2
139	Towards an Automated BPEL-based SaaS Provisioning Support for OpenStack IaaS. Scalable Computing, 2014, 14, .	0.7	1
140	A Research Roadmap for Context-Awareness-Based Self-managed Systems. Lecture Notes in Computer Science, 2013, , 275-283.	1.0	8
141	Fostering participaction in smart cities: a geo-social crowdsensing platform. , 2013, 51, 112-119.		258
142	Enhancing Intradomain Scalability of IMS-Based Services. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2386-2395.	4.0	8
143	Convergence of MANET and WSN in IoT Urban Scenarios. IEEE Sensors Journal, 2013, 13, 3558-3567.	2.4	341
144	Self-Organizing Seamless Multimedia Streaming in Dense Manets. IEEE Pervasive Computing, 2013, 12, 68-78.	1.1	7

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145	Discovering traffic congestion along routes of interest using VANETs. , 2013, , .		6
146	Bringing always best connectivity vision a step closer: challenges and perspectives. , 2013, 51, 158-166.		20
147	Mobile social networking middleware: A survey. Pervasive and Mobile Computing, 2013, 9, 437-453.	2.1	56
148	A practical approach to easily monitoring and managing IaaS environments. , 2013, , .		2
149	Dynamic datacenter resource provisioning for high-performance distributed stream processing with adaptive fault-tolerance. , 2013, , .		2
150	Data Distribution Service (DDS): A performance comparison of OpenSplice and RTI implementations. , 2013, , .		30
151	Social-Aware Differentiated Visibility of Home-to-Home Shared Resources in Spontaneous Networks. , 2013, , .		1
152	Smart communications via a tree-based overlay over multiple and heterogeneous (TOMH) spontaneous networks. , 2013, , .		4
153	SKYPE RESILIENCE TO HIGH MOTION VIDEOS. International Journal of Wavelets, Multiresolution and Information Processing, 2013, 11, 1350029.	0.9	10
154	Automated Provisioning of SaaS Applications over IaaS-Based Cloud Systems. Communications in Computer and Information Science, 2013, , 94-105.	0.4	3
155	Middleware for Semantic Multicast in Spontaneous Multi-hop Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 45-61.	0.2	0
156	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
157	The 1st International Workshop on Self-Managing Pervasive Service Systems (SeMaPS 2012). Lecture Notes in Computer Science, 2013, , 253-254.	1.0	0
158	Design and Implementation of a Scalable and QoS-aware Stream Processing Framework: The Quasit Prototype. , 2012, , .		4
159	The Smart-M3 Semantic Information Broker (SIB) Plug-In Extension: Implementation and Evaluation Experiences. , 2012, , .		1
160	Middleware for Differentiated Quality in Spontaneous Networks. IEEE Pervasive Computing, 2012, 11, 64-75.	1.1	18
161	Cloud Computing, Networking, and Services. Journal of Network and Systems Management, 2012, 20, 463-467.	3.3	4
162	Discovering and accessing peer-to-peer services in UPnP-based federated Domotic Islands. IEEE Transactions on Consumer Electronics, 2012, 58, 810-818.	3.0	12

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163	A survey of context data distribution for mobile ubiquitous systems. ACM Computing Surveys, 2012, 44, 1-45.	16.1	203
164	QoS-aware elastic cloud brokering for IMS infrastructures. , 2012, , .		17
165	The Future Internet convergence of IMS and ubiquitous smart environments: An IMS-based solution for energy efficiency. Journal of Network and Computer Applications, 2012, 35, 1203-1209.	5.8	13
166	Pervasive computing at scale: Challenges and research directions. , 2011, , .		1
167	A Unifying Perspective on Context-Aware Evaluation and Management of Heterogeneous Wireless Connectivity. IEEE Communications Surveys and Tutorials, 2011, 13, 337-357.	24.8	18
168	Editorial: Smart Space Technological Developments. IET Communications, 2011, 5, 2431-2433.	1.5	0
169	SISS 2011 Message. , 2011, , .		0
170	Differentiated Management Strategies for Multi-Hop Multi-Path Heterogeneous Connectivity in Mobile Environments. IEEE Transactions on Network and Service Management, 2011, 8, 190-204.	3.2	19
171	Recent Advances in Mobile Middleware for Wireless Systems and Services. Mobile Networks and Applications, 2011, 16, 267-269.	2.2	3
172	Off-the-shelf ready to go middleware for self-reconfiguring and self-optimizing ubiquitous computing applications. , 2011, , .		6
173	Effective epidemic dissemination of multimedia metadata in Peer-to-Peer overlay networks: The Metis architecture and prototype. , 2011, , .		0
174	iPOJO-based Middleware Solutions for Self-Reconfiguration and Self-Optimization. KSII Transactions on Internet and Information Systems, 2011, 5, .	0.7	0
175	Welcome messages. , 2010, , .		0
176	Smart applications for the maintenance of large buildings: How to achieve ontology-based interoperability at the information level. , 2010, , .		13
177	The real Ad-hoc Multi-hop Peer-to-peer (RAMP) middleware: An easy-to-use support for spontaneous networking. , 2010, , .		21
178	IMS-Compliant management of vertical handoffs for mobile multimedia session continuity. , 2010, 48, 114-121.		20
179	Internet Connectivity Sharing in Multi-path Spontaneous Networks: Comparing and Integrating Network- and Application-Layer Approaches. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 84-99.	0.2	4
180	Presence Services for the Support of Location-Based Applications. , 2010, , 233-260.		0

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181	Understanding and enhancing the scalability of IMS-based services for Wireless Local Networks. , 2009, , .		3
182	PreQuEst: A Scalable and Proactive Quality Enrichment for Presence Services. , 2009, , .		0
183	Supporting context awareness in smart environments. , 2009, , .		26
184	Self-adaptive handoff management for mobile streaming continuity. IEEE Transactions on Network and Service Management, 2009, 6, 80-94.	3.2	14
185	Dissemination and Harvesting of Urban Data Using Vehicular Sensing Platforms. IEEE Transactions on Vehicular Technology, 2009, 58, 882-901.	3.9	177
186	Mobility-aware Management of Internet Connectivity in Always Best Served Wireless Scenarios. Mobile Networks and Applications, 2009, 14, 18-34.	2.2	15
187	Recent Advances in Mobile Middleware for Wireless Systems and Services. Mobile Networks and Applications, 2009, 14, 1-3.	2.2	2
188	Bio-inspired multi-agent data harvesting in a proactive urban monitoring environment. Ad Hoc Networks, 2009, 7, 725-741.	3.4	41
189	IMS-based presence service with enhanced scalability and guaranteed QoS for interdomain enterprise mobility. IEEE Wireless Communications, 2009, 16, 16-23.	6.6	20
190	Effective adaptation decisions based on context-aware proactive handoff for mobile multimedia continuity maintenance. , 2009, , .		0
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192	Wired-Wireless Multimedia Networks and Services Management. Lecture Notes in Computer Science, 2009, , .	1.0	1
193	Middleware Solutions for Self-organizing Multi-hop Multi-path Internet Connectivity Based on Bluetooth. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 58-71.	0.2	0
194	Social sharing of connectivity resources: control and encouragement of unselfishness in mobile environments. , 2009, , .		1
195	Multi-hop Multi-path Cooperative Connectivity Guided by Mobility, Throughput, and Energy Awareness: a Middleware Approach. Journal of Software, 2009, 4, .	0.6	3
196	Dynamic and context-aware streaming adaptation toÂsmooth quality degradation due to IEEE 802.11 performance anomaly. Journal of Supercomputing, 2008, 45, 15-28.	2.4	3
197	Management Challenges and Solutions for IP Multimedia Subsystems. Journal of Network and Systems Management, 2008, 16, 11-13.	3.3	1
198	QoS management middleware solutions for Bluetooth audio distribution. Pervasive and Mobile Computing, 2008, 4, 117-138.	2.1	3

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199	The PoSIM middleware for translucent and context-aware integrated management of heterogeneous positioning systems. Computer Communications, 2008, 31, 1078-1090.	3.1	9
200	Location-Based Services: Back to the Future. IEEE Pervasive Computing, 2008, 7, 85-89.	1.1	194
201	How node mobility affects k-hop cluster quality in Mobile Ad Hoc NETworks: A quantitative evaluation. , 2008, , .		6
202	Mobility-aware middleware for self-organizing heterogeneous networks with multihop multipath connectivity. IEEE Wireless Communications, 2008, 15, 22-30.	6.6	15
203	Bio-Inspired Multi-agent Collaboration for Urban Monitoring Applications. Lecture Notes in Computer Science, 2008, , 204-216.	1.0	6
204	An IMS Vertical Handoff Solution to Dynamically Adapt Mobile Multimedia Services. , 2008, , .		8
205	A layered infrastructure for mobility-aware best connectivity in the heterogeneous wireless internet. , 2008, , .		6
206	Context-Aware Middleware for Reliable Multi-hop Multi-path Connectivity. Lecture Notes in Computer Science, 2008, , 66-78.	1.0	2
207	Workshop Summary--ICSE Workshop on Software Engineering for Pervasive Computing Applications, Systems, and Environments (SEPCASE). , 2007, , .		0
208	"Middleware for Next-Generation Converged Networks and Services: Myths or Reality?". Proceedings - IEEE Computer Society's International Computer Software and Applications Conference, 2007, , .	0.0	2
209	Mobility-Aware Connectivity for Seamless Multimedia Delivery in the Heterogeneous Wireless Internet. Proceedings - International Symposium on Computers and Communications, 2007, , .	0.0	3
210	Context-Aware Multimedia Middleware Solutions for Counteracting IEEE 802.11 Performance Anomaly. , 2007, , .		1
211	k-hop Backbone Formation in Ad Hoc Networks. , 2007, , .		9
212	LIFE.net over Web: An advanced monitoring protocol for UPS systems. , 2007, , .		0
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214	Standard Integration of Sensing and Opportunistic Diffusion for Urban Monitoring in Vehicular Sensor Networks: the MobEyes Architecture. , 2007, , .		16
215	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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218	A k-hop Clustering Protocol for Dense Mobile Ad-Hoc Networks. , 2006, , .		16
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