Beniamino Di Martino

List of Publications by Year
in descending order

209	1,730	448610	536525
papers	citations	19 h-index	29 g-index

238	238	238	1163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi agents simulation of justice trials to support control management and reduction of civil trials duration. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 3645-3657.	3.3	9
2	A Semantic Representation forÂPublic Calls Domain andÂProcedure: Housing Policies ofÂCampania Region Case Study. Lecture Notes in Networks and Systems, 2022, , 414-424.	0.5	4
3	Application ofÂBusiness Process Semantic Annotation Techniques toÂPerform Pattern Recognition Activities Applied toÂtheÂGeneralized Civic Access. Lecture Notes in Networks and Systems, 2022, , 404-413.	0.5	6
4	Semantic Techniques to Support IoT Interoperability. Studies in Computational Intelligence, 2021, , 229-244.	0.7	1
5	Applying Patterns to Support Deployment in Cloud-Edge Environments: A Case Study. Lecture Notes in Networks and Systems, 2021, , 139-148.	0.5	1
6	Semantic techniques for discovering architectural patterns in building information models. International Journal of Computational Science and Engineering, 2021, 24, 200.	0.4	1
7	Supporting the Optimization of Temporal Key Performance Indicators of Italian Courts of Justice with OLAP Techniques. Lecture Notes in Networks and Systems, 2021, , 646-656.	0.5	7
8	PrettyTags: An Open-Source Tool for Easy and Customizable Textual MultiLevel Semantic Annotations. Lecture Notes in Networks and Systems, 2021, , 636-645.	0.5	9
9	Impact of Industry 4.0 in Architecture and Cultural Heritage. , 2021, , 1397-1421.		0
10	Semantic Techniques for Automated Recognition of Building Types in Cultural Heritage Domain. Lecture Notes in Networks and Systems, 2021, , 657-666.	0.5	1
11	Semantic Techniques for IoT Sensing andÂeHealth Training Recommendations. Lecture Notes in Networks and Systems, 2021, , 627-635.	0.5	1
12	Evaluation of innovative solutions for e-mobility. International Journal of Grid and Utility Computing, 2021, 12, 159.	0.1	2
13	Towards a Trustworthy Semantic-Aware Marketplace for Interoperable Cloud Services. Lecture Notes in Networks and Systems, 2021, , 606-615.	0.5	2
14	Temporal outlier analysis of Online Civil Trial cases based on graph and process mining techniques. International Journal of Big Data Intelligence, 2021, 1, 1.	0.4	2
15	Semantic Representation and Rule Based Patterns Discovery and Verification inÂeProcurement Business Processes forÂeGovernment. Lecture Notes in Networks and Systems, 2021, , 667-676.	0.5	10
16	A Machine Learning Based Methodology for Automatic Annotation and Anonymisation of Privacy-Related Items in Textual Documents for Justice Domain. Advances in Intelligent Systems and Computing, 2021, , 530-539.	0.5	9
17	Temporal outlier analysis of online civil trial cases based on graph and process mining techniques. International Journal of Big Data Intelligence, 2021, 8, 31.	0.4	10
18	An OSLC-based environment for system-level functional testing of ERTMS/ETCS controllers. Journal of Systems and Software, 2020, 161, 110478.	3.3	8

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19	A Methodology Based on Computational Patterns for Offloading of Big Data Applications on Cloud-Edge Platforms. Future Internet, 2020, 12, 28.	2.4	3
20	Dynamic Patterns for Cloud Application Life-Cycle Management. Lecture Notes in Networks and Systems, 2020, , 626-637.	0.5	0
21	From Monolith to Cloud Architecture Using Semi-automated Microservices Modernization. Lecture Notes in Networks and Systems, 2020, , 638-647.	0.5	3
22	An Ontology for OASIS TOSCA. Advances in Intelligent Systems and Computing, 2020, , 709-719.	0.5	0
23	Impact of Industry 4.0 in Architecture and Cultural Heritage. Advances in Civil and Industrial Engineering Book Series, 2020, , 306-329.	0.2	0
24	Evaluating Technology Innovation for E-Mobility. , 2019, , .		4
25	A Semantic and Rule Based Technique and Inference Engine for Discovering Real Estate Units in Building Information Models. , 2019, , .		5
26	A Compiler for Agnostic Programming and Deployment of Big Data Analytics on Multiple Platforms. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1920-1931.	4.0	6
27	Towards AI-Powered Multiple Cloud Management. IEEE Internet Computing, 2019, 23, 64-71.	3.2	6
28	Semantic Support for Model Based Big Data Analytics-as-a-Service (MBDAaaS). Advances in Intelligent Systems and Computing, 2019, , 1012-1021.	0.5	2
29	A Fuzzy Prolog and Ontology Driven Framework for Medical Diagnosis Using IoT Devices. Advances in Intelligent Systems and Computing, 2018, , 875-884.	0.5	2
30	A Fast and Incremental Development Life Cycle for Data Analytics as a Service. , 2018, , .		2
31	A Q&A Tool to Produce an Ad-Hoc OpenAPI Specification to Identify Equivalent REST Api Services. , 2018, , .		1
32	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
33	A Tool for Mapping and Editing of Cloud Patterns: the Semantic Cloud Patterns Editor. Studies in Informatics and Control, 2018, 27, .	0.6	1
34	Semantic Representation of Cloud Patterns and Services with Automated Reasoning to Support Cloud Application Portability. IEEE Transactions on Cloud Computing, 2017, 5, 765-779.	3.1	32
35	Optimized task allocation on private cloud for hybrid simulation of large-scale critical systems. Future Generation Computer Systems, 2017, 74, 104-118.	4.9	15
36	A semantic model for business process patterns to support cloud deployment. Computer Science - Research and Development, 2017, 32, 257-267.	2.7	4

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37	A semantic IoT framework to support RESTful devices' API interoperability. , 2017, , .		9
38	A platform for MBDAaaS based on patterns and skeletons: The python based algorithms compiler. , 2017, , .		5
39	Cloud services composition through cloud patterns: a semantic-based approach. Soft Computing, 2017, 21, 4557-4570.	2.1	32
40	Internet of Everything. Mobile Information Systems, 2017, 2017, 1-3.	0.4	28
41	Legislation-Aware Cloud Computing: An Overview. Lecture Notes in Information Systems and Organisation, 2017, , 77-87.	0.4	1
42	A comparison between TOSCA and OpenStack HOT through cloud patterns composition. International Journal of Grid and Utility Computing, 2017, 8, 299.	0.1	0
43	Adaptive recommendation to dynamically changing profiles for delivery of ubiquitous services. International Journal of Computational Science and Engineering, 2016, 13, 322.	0.4	6
44	A rule-based procedure for automatic recognition of design patterns in UML diagrams. Software - Practice and Experience, 2016, 46, 983-1007.	2.5	13
45	Distributed architecture for agentsâ€based energy negotiation in solar powered microâ€grids. Concurrency Computation Practice and Experience, 2016, 28, 1275-1290.	1.4	9
46	Cloud Portability and Interoperability. , 2016, , 163-177.		0
47	Towards a Uniform Semantic Representation of Business Processes, UML Artefacts and Software Assets. , 2016, , .		0
48	Semantic Techniques for Multi-cloud Applications Portability and Interoperability. Procedia Computer Science, 2016, 97, 104-113.	1.2	13
49	Automatic Production of an Ontology with NLP: Comparison between a Prolog Based Approach and a Cloud Approach Based on Bluemix Watson Service. , 2016, , .		3
50	A Cyber Physical System of Smart Micro-Grids. , 2016, , .		5
51	Cloud Computing for Enhanced Living Environments. IEEE Cloud Computing, 2016, 3, 24-27.	5.3	1
52	Towards a IoT Framework for the Matchmaking of Sensorsâ€™ Interfaces. , 2016, , .		0
53	Cloud Services Composition Through Semantically Described Patterns: A Case Study. Communications in Computer and Information Science, 2016, , 404-418.	0.4	0
54	An architecture for using commodity devices and smart phones in health systems. , 2016, , .		7

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55	Guest Editorial: IEEE Systems Journals Special Issue on â€œIntelligent Internet of Thingsâ€• IEEE Systems Journal, 2016, 10, 1107-1110.	2.9	1
56	From Business Process Models to Cloud Deployment: A Semantic Approach. , 2016, , .		0
57	Cloudifier: An Ecosystem for the Migration of Distributed Applications to the Cloud. , 2016, , .		0
58	Design and evaluation of P2P overlays for energy negotiation in smart micro-grid. Computer Standards and Interfaces, 2016, 44, 159-168.	3.8	8
59	Brokering of Cloud Infrastructures Driven by Simulation of Scientific Workloads. Lecture Notes in Information Systems and Organisation, 2016, , 239-250.	0.4	0
60	Adaptive recommendation to dynamically changing profiles for delivery of ubiquitous services. International Journal of Computational Science and Engineering, 2016, 13, 322.	0.4	2
61	A Distributed and Scalable Solution for Applying Semantic Techniques to Big Data. , 2016, , 1091-1109.		1
62	Semantic annotation of BPMN. , 2015, , .		10
63	A semantic engine for porting applications to the cloud and among clouds. Software - Practice and Experience, 2015, 45, 1619-1637.	2.5	24
64	Advances in Applications Portability and Services Interoperability among Multiple Clouds. IEEE Cloud Computing, 2015, 2, 22-28.	5.3	22
65	Multi-agent Negotiation of Decentralized Energy Production in Smart Micro-grid. Studies in Computational Intelligence, 2015, , 155-160.	0.7	12
66	A Virtual Market for Energy Negotiation and Brokering. , 2015, , .		2
67	A Negotiation Solution for Smart Grid Using a Fully Decentralized, P2P Approach. , 2015, , .		3
68	Towards a Legislation-aware Cloud Computing Framework. Procedia Computer Science, 2015, 68, 127-135.	1.2	6
69	Classification and Positioning of Cloud Definitions and Use Case Scenarios for Portability and Interoperability. , 2015, , .		4
70	Recognition of Dynamic Data Structures to Support Porting of Applications to the Cloud. , 2015, , .		1
71	An OWL ontology to support cloud portability and interoperability. International Journal of Web and Grid Services, 2015, 11, 303.	0.4	14
72	Cloud Computing: Security, Privacy and Practice. Future Generation Computer Systems, 2015, 52, 59-60.	4.9	8

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73	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
74	Mapping design patterns to cloud patterns to support application portability. , 2015, , .		4
75	Defining Cloud Services Workflow: A Comparison between TOSCA and OpenStack Hot. , 2015, , .		8
76	A Distributed Cloud Brokering Service. Informatica, 2015, 26, 1-15.	1.5	5
77	Automatic Dynamic Data Structures Recognition to Support the Migration of Applications to the Cloud. International Journal of Grid and High Performance Computing, 2015, 7, 1-22.	0.7	3
78	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
79	Towards a Unified OWL Ontology of Cloud Vendors' Appliances and Services at PaaS and SaaS Level. , 2014, , .		24
80	Semantic Representation of Cloud Services: A Case Study for Openstack. Lecture Notes in Computer Science, 2014, , 39-50.	1.0	8
81	Welcome Message from CCPI 2014 Workshop Chair. , 2014, , .		0
82	Supporting Development of Certified Aeronautical Components by Applying Text Analysis Techniques. , 2014, , .		7
83	Applications Portability and Services Interoperability among Multiple Clouds. IEEE Cloud Computing, 2014, 1, 74-77.	5.3	28
84	Big Data Processing for Pervasive Environment in Cloud Computing. , 2014, , .		8
85	Towards a SLA for Collaborating Smart Solar-Powered Micro-Grids. , 2014, , .		6
86	Semantic Representation of Cloud Services: A Case Study for Microsoft Windows Azure. , 2014, , .		15
87	A RESTFull interface for scalable agents based cloud services. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 16, 219.	0.3	9
88	Agents based multi-criteria decision-aid. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 747-758.	3.3	15
89	Personalized Recommendation of Semantically Annotated Media Contents. Studies in Computational Intelligence, 2014, , 261-270.	0.7	9
90	Big data (lost) in the cloud. International Journal of Big Data Intelligence, 2014, 1, 3.	0.4	38

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91	Software porting support with component-based and language neutral source code analysis. International Journal of Computational Science and Engineering, 2014, 9, 222.	0.4	1
92	CISIS SWISM Welcome Message. , 2014, , .		0
93	Interconnection of Federated Clouds. Studies in Computational Intelligence, 2014, , 243-248.	0.7	6
94	Software Agents for Collaborating Smart Solar-Powered Micro-Grids. Lecture Notes in Information Systems and Organisation, 2014, , 125-133.	0.4	14
95	Critical Systems Verification in MetaMORP(h)OSY. Lecture Notes in Computer Science, 2014, , 119-129.	1.0	12
96	An Interoperable Testing Environment for ERTMS/ETCS Control Systems. Lecture Notes in Computer Science, 2014, , 147-156.	1.0	13
97	A Distributed System for Smart Energy Negotiation. Lecture Notes in Computer Science, 2014, , 422-434.	1.0	8
98	A Comparison of Two Different Approaches to Cloud Monitoring. Studies in Computational Intelligence, 2014, , 69-91.	0.7	3
99	An Overview of Approaches for the Migration of Applications to the Cloud. Lecture Notes in Information Systems and Organisation, 2014, , 67-75.	0.4	6
100	Multi-objective Genetic Algorithm for Multi-cloud Brokering. Lecture Notes in Computer Science, 2014, , 55-64.	1.0	4
101	Experiences in building a mOSAIC of clouds. Journal of Cloud Computing: Advances, Systems and Applications, 2013, 2, 12.	2.1	75
102	Topic 6: Grid, Cluster and Cloud Computing. Lecture Notes in Computer Science, 2013, , 241-241.	1.0	0
103	Semantic and Agnostic Representation of Cloud Patterns for Cloud Interoperability and Portability. , 2013, , .		24
104	Semantic and Agent Technologies for Cloud Vendor Agnostic Resource Brokering. , 2013, , .		7
105	Cloud Brokering as a Service. , 2013, , .		25
106	Green Data center Infrastructures in the Cloud Computing Era. , 2013, , 267-293.		3
107	A distributed scheduling framework based on selfish autonomous agents for federated cloud environments. Future Generation Computer Systems, 2013, 29, 1461-1472.	4.9	42
108	Message from IEEE AINA 2013 Program Committee Co-Chairs. , 2013, , .		0

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109	Image Recognition and Augmented Reality in Cultural Heritage Using OpenCV. , 2013, , .		4
110	Semantic and Matchmaking Technologies for Discovering, Mapping and Aligning Cloud Providers's Services. , 2013, , .		9
111	Automatic Recognition of Design Patterns from UML-based Software Documentation. , 2013, , .		5
112	Towards a Common Semantic Representation of Design and Cloud Patterns. , 2013, , .		8
113	HPCC 2013: Message from Steering Chairs. , 2013, , .		0
114	Message from the ATC-13 Organizing Committee. , 2013, , .		0
115	Welcome Message from CCPI 2013 Workshop Chair. , 2013, , .		0
116	IUCC 2013: Message from the General Chairs. , 2013, , .		0
117	PICom 2013: Message from the General Chairs. , 2013, , .		0
118	Message from the UIC-13 Organizing Committee. , 2013, , .		0
119	Message from FINA 2013 Symposium Co-Chairs. , 2013, , .		0
120	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
121	Unimodular Loop Transformations with Source-to-Source Translation for GPUs. Lecture Notes in Computer Science, 2013, , 186-195.	1.0	0
122	Semantic and Algorithmic Recognition Support to Porting Software Applications to Cloud. Communications in Computer and Information Science, 2013, , 1-15.	0.4	0
123	Automatic Source Code Transformation for GPUs Based on Program Comprehension. Lecture Notes in Computer Science, 2012, , 188-197.	1.0	4
124	Using the mOSAIC's semantic engine to design and develop civil engineering cloud applications. , 2012, , .		5
125	Towards Automatic Analysis of Cloud Vendors APIs for Supporting Cloud Application Portability. , 2012, , .		10
126	Graphical processing units and scientific applications. International Journal of High Performance Computing Applications, 2012, 26, 189-191.	2.4	0

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127	Message from the CSIS 2012 Workshops Co-Chairs. , 2012, , .		1
128	Message from HPCC-2012 Steering Chairs. , 2012, , .		0
129	Message from SWISM 2012 Workshop Co-Chairs. , 2012, , .		0
130	A Semantic Framework for Delivery of Context-Aware Ubiquitous Services in Pervasive Environments. , 2012, , .		10
131	Simulation and Support of Critical Activities by Mobile Agents in Pervasive and Ubiquitous Scenarios. , 2012, , .		0
132	Semantic Web Annotation and Representation of Cloud APIs. , 2012, , .		4
133	Semantically Augmented Exploitation of Pervasive Environments by Intelligent Agents. , 2012, , .		22
134	Towards a Semantic Engine for Cloud Applications Development. , 2012, , .		19
135	mOSAIC-Based Intrusion Detection Framework for Cloud Computing. Lecture Notes in Computer Science, 2012, , 628-644.	1.0	17
136	Agents Based Cloud Computing Interface for Resource Provisioning and Management. , 2012, , .		34
137	An intrusion detection framework for supporting SLA assessment in Cloud Computing. , 2012, , .		21
138	User Centric Service Level Management in mOSAIC Applications. Lecture Notes in Computer Science, 2012, , 106-115.	1.0	13
139	Mobile Devices for the Visit of â€œAnfiteatro Campanoâ€•in Santa Maria Capua Vetere. Lecture Notes in Computer Science, 2012, , 281-290.	1.0	10
140	Semantic Brokering of Multimedia Contents for Smart Delivery of Ubiquitous Services in Pervasive Environments. International Journal of Interactive Multimedia and Artificial Intelligence, 2012, 1, 16.	1.0	3
141	Building a Mosaic of Clouds. Lecture Notes in Computer Science, 2011, , 571-578.	1.0	49
142	A Cloud Agency for SLA Negotiation and Management. Lecture Notes in Computer Science, 2011, , 587-594.	1.0	50
143	AHPCN 2011 Message from the Symposium Chairs. , 2011, , .		0
144	HPCC 2011 Message from the Steering Chairs. , 2011, , .		0

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145	A simulation model for localization of pervasive objects using heterogeneous wireless networks. Simulation Modelling Practice and Theory, 2011, 19, 1758-1772.	2.2	20
146	Architecturing a Sky Computing Platform. Lecture Notes in Computer Science, 2011, , 1-13.	1.0	34
147	Cloud@Home: Performance Management Components. Lecture Notes in Computer Science, 2011, , 579-586.	1.0	1
148	CCPI 2010: Workshop on Cloud Computing Projects and Initiatives. Lecture Notes in Computer Science, 2011, , 551-553.	1.0	0
149	Welcome Message from the SWISM 2010 Workshop Organizers. , 2010, , .		0
150	Message from the Steering Committee Chairs. , 2010, , .		0
151	An Ontology Based Methodology for Automated Algorithms Recognition in Source Code. , 2010, , .		9
152	Cloud Agency: A Mobile Agent Based Cloud System. , 2010, , .		57
153	A positioning service for pervasive objects in dynamic environments. , 2010, , .		3
154	An Approach to Semantic Information Retrieval Based on Natural Language Query Understanding. Lecture Notes in Computer Science, 2010, , 211-222.	1.0	5
155	Web Services Resilience Evaluation using LDS Load dependent Server Models.. Journal of Communications, 2010, 5, .	1.3	7
156	Multicore and Manycore Programming. Lecture Notes in Computer Science, 2010, , 137-138.	1.0	0
157	Mobile Agents for Management of Native Applications in GRID. Lecture Notes in Computer Science, 2010, , 214-223.	1.0	0
158	Message from the PDSEC-09 workshop chairs. , 2009, , .		0
159	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
160	A Grid Service for Resource-to-Agent Allocation. , 2009, , .		4
161	Integration of Mobile Agents Technology and Globus for Assisted Design and Automated Development of Grid Services. , 2009, , .		6
162	Semantic web services discovery based on structural ontology matching. International Journal of Web and Grid Services, 2009, 5, 46.	0.4	68

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163	Distributed Agents Network for Ubiquitous Monitoring and Services Exploitation. , 2009, , .		14
164	Message from the CSE 2009 General Chairs - Volume 1. , 2009, , .		0
165	Robotics Exhibits for Science Centres. Some Prototypes. Communications in Computer and Information Science, 2009, , 145-155.	0.4	1
166	Special section: Grid computing and the message passing interface. Future Generation Computer Systems, 2008, 24, 119-120.	4.9	2
167	Load Balancing of Mobile Agents Based Applications in Grid Systems. , 2008, , .		3
168	Services Based Integrated Architecture for Adaptive Multimedia Delivery. , 2008, , .		1
169	Message from the Steering Chairs. , 2008, , .		0
170	WGISD 2008-Welcome Message from the Organizers. , 2008, , .		0
171	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
172	Message from the DMIR 2007 Symposium Chairs. , 2007, , .		0
173	Integrating Distributed Component and Mobile Agents programming models in Grid computing. , 2007, , .		0
174	Cluster systems and simulation: from benchmarking to off-line performance prediction. Concurrency Computation Practice and Experience, 2007, 19, 1549-1562.	1.4	10
175	A Framework for Mobile Agent Platform performance Evaluation. , 2007, , .		1
176	Web Services Composition and Delivery Using a Mobile Agents Based Infrastructure. , 2006, , .		6
177	A Grid-Based Distributed Simulation of Plasma Turbulence. , 2006, , 523-534.		0
178	A Hierarchical Distributed Shared-Memory Parallel Branch & Bound Application with PVM and OpenMP for Multiprocessor Clusters. , 2006, , 745-756.		0
179	Message from HPSEC Workshop Co-chairs. , 2006, , .		0
180	MAGDA: A Mobile Agent based Grid Architecture. Journal of Grid Computing, 2006, 4, 395-412.	2.5	35

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181	Mobile Agents Based Collective Communication: An Application to a Parallel Plasma Simulation. Lecture Notes in Computer Science, 2006, , 724-733.	1.0	1
182	An Ontology Matching Approach to Semantic Web Services Discovery. Lecture Notes in Computer Science, 2006, , 550-558.	1.0	6
183	Performance prediction through simulation of a hybrid MPI/OpenMP application. Parallel Computing, 2005, 31, 1013-1033.	1.3	23
184	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
185	Performance Analysis of Hybrid OpenMP/MPI N-Body Application. Lecture Notes in Computer Science, 2005, , 12-18.	1.0	3
186	Terminal-aware grid resource and service discovery and access based on agents technology. , 2004, , .		6
187	Performance simulation of a hybrid openMP/MPI application with HeSSE. Advances in Parallel Computing, 2004, , 803-810.	0.3	2
188	Grid Performance and Resource Management Using Mobile Agents. , 2004, , 251-263.		19
189	A Performance-Prediction Model for PIC Applications on Clusters of Symmetric MultiProcessors: Validation with Hierarchical HPF+OpenMP Implementation. Scientific Programming, 2003, 11, 159-176.	0.5	0
190	Mobile Agent Programming for Clusters with Parallel Skeletons. Lecture Notes in Computer Science, 2003, , 622-635.	1.0	4
191	Hierarchical MPI+OpenMP Implementation of Parallel PIC Applications on Clusters of Symmetric MultiProcessors. Lecture Notes in Computer Science, 2003, , 180-187.	1.0	2
192	Workload decomposition strategies for hierarchical distributed-shared memory parallel systems and their implementation with integration of high-level parallel languages. Concurrency Computation Practice and Experience, 2002, 14, 933-956.	1.4	3
193	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
194	A Technique for FPGA Synthesis Driven by Automatic Source Code Analysis and Transformations. Lecture Notes in Computer Science, 2002, , 47-58.	1.0	1
195	Workload Decomposition Strategies for Shared Memory Parallel Systems with OpenMP. Scientific Programming, 2001, 9, 109-122.	0.5	4
196	Parallel program analysis and restructuring by detection of point-to-point interaction patterns and their transformation into collective communication constructs. Science of Computer Programming, 2001, 40, 235-263.	1.5	10
197	Parallel PIC plasma simulation through particle decomposition techniques. Parallel Computing, 2001, 27, 295-314.	1.3	19
198	Gridless finite-size-particle plasma simulation. Computer Physics Communications, 2001, 134, 58-77.	3.0	5

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199	Workload decomposition for particle simulation applications on hierarchical distributed-shared memory parallel systems with integration of HPF and OpenMP. , 2001, , .		1
200	Mobile Agents for Distributed and Dynamically Balanced Optimization Applications. Lecture Notes in Computer Science, 2001, , 161-170.	1.0	7
201	Restructuring Irregular Computations for Distributed Systems Using Mobile Agents. Lecture Notes in Computer Science, 2001, , 223-232.	1.0	2
202	Parallelization of plasma simulation codes: gridless finite size particle versus particle in cell approach. Future Generation Computer Systems, 2000, 16, 541-552.	4.9	1
203	Two program comprehension tools for automatic parallelization. IEEE Concurrency, 2000, 8, 37-47.	0.8	23
204	Title is missing!. Journal of Supercomputing, 2000, 17, 243-244.	2.4	0
205	Reducing Parallel Program Simulation Complexity by Static Analysis. Journal of Supercomputing, 2000, 17, 299-310.	2.4	0
206	Support of automatic parallelization with concept comprehension. Journal of Systems Architecture, 1999, 45, 427-439.	2.5	12
207	An high performance Fortran implementation of a Tight-Binding Molecular Dynamics simulation. Computer Physics Communications, 1999, 120, 255-268.	3.0	4
208	Program Comprehension Engines for Automatic Parallelization: A Comparative Study. IFIP Advances in Information and Communication Technology, 1996, , 146-157.	0.5	4
209	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