Ching-Hsien Hsu

List of Publications by Year
in descending order

194 papers	4,469 citations	101496 36 h-index	143943 57 g-index
199 all docs	199 docs citations	199 times ranked	3658 citing authors

#	Article	IF	Citations
1	Edge-AI: IoT Request Service Provisioning in Federated Edge Computing Using Actor-Critic Reinforcement Learning. IEEE Transactions on Engineering Management, 2024, , 1-10.	2.4	8
2	An improved model for sentiment analysis on luxury hotel review. Expert Systems, 2023, 40, e12580.	2.9	20
3	Towards Diversified IoT Image Recognition Services in Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2023, 11, 666-677.	3.1	4
4	A Novel Lightweight Deep Learning-Based Histopathological Image Classification Model for IoMT. Neural Processing Letters, 2023, 55, 205-228.	2.0	12
5	A Cloud-Edge Collaboration Framework for Cognitive Service. IEEE Transactions on Cloud Computing, 2022, 10, 1489-1499.	3.1	48
6	DNNOff: Offloading DNN-Based Intelligent IoT Applications in Mobile Edge Computing. IEEE Transactions on Industrial Informatics, 2022, 18, 2820-2829.	7.2	70
7	Topology-Aware Neural Model for Highly Accurate QoS Prediction. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1538-1552.	4.0	24
8	Public key encryption with equality test for Industrial Internet of Things system in cloud computing. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4202.	2.6	21
9	Blockchain Assisted Secure Data Sharing Model for Internet of Things Based Smart Industries. IEEE Transactions on Reliability, 2022, 71, 348-358.	3.5	46
10	Latency minimization model towards high efficiency edge-IoT service provisioning in horizontal edge federation. Multimedia Tools and Applications, 2022, 81, 26803-26820.	2.6	2
11	Adaptive Processor Frequency Adjustment for Mobile-Edge Computing With Intermittent Energy Supply. IEEE Internet of Things Journal, 2022, 9, 7446-7462.	5.5	6
12	A review for cell and particle tracking on microscopy images using algorithms and deep learning technologies. Biomedical Journal, 2022, 45, 465-471.	1.4	7
13	A two‐stream deep neural network‐based intelligent system for complex skin cancer types classification. International Journal of Intelligent Systems, 2022, 37, 10621-10649.	3.3	50
14	A Vehicle-Consensus Information Exchange Scheme for Traffic Management in Vehicular Ad-Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19602-19612.	4.7	6
15	Blockchain‐based <scp>IoT</scp> architecture to secure healthcare system using identity‐based encryption. Expert Systems, 2022, 39, .	2.9	44
16	Balanced Energy-Aware and Fault-Tolerant Data Center Scheduling. Sensors, 2022, 22, 1482.	2.1	11
17	A New Statistical Features Based Approach for Bearing Fault Diagnosis Using Vibration Signals. Sensors, 2022, 22, 2012.	2.1	51
18	A Time-Driven Cloudlet Placement Strategy for Workflow Applications in Wireless Metropolitan Area Networks. Sensors, 2022, 22, 3422.	2.1	3

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19	Hybrid Variational Autoencoder for Collaborative Filtering. , 2022, , .		0
20	DFIL: an Efficient Web Service Prediction Method based on Deep Feature Interactive Learning. , 2022, , .		1
21	Inequalities of Simpson-Mercer-type including Atangana-Baleanu fractional operators and their applications. AIMS Mathematics, 2022, 7, 15159-15181.	0.7	11
22	Multiple Attributes QoS Prediction via Deep Neural Model with Contexts. IEEE Transactions on Services Computing, 2021, 14, 1084-1096.	3.2	55
23	A Power Consumption Model for Cloud Servers Based on Elman Neural Network. IEEE Transactions on Cloud Computing, 2021, 9, 1268-1277.	3.1	21
24	An Efficient and Secured Framework for Mobile Cloud Computing. IEEE Transactions on Cloud Computing, 2021, 9, 79-87.	3.1	58
25	Pairs trading on different portfolios based on machine learning. Expert Systems, 2021, 38, e12649.	2.9	10
26	Deep Matrix Factorization for Trust-Aware Recommendation in Social Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 511-528.	4.1	33
27	A Response-Aware Traffic Offloading Scheme Using Regression Machine Learning for User-Centric Large-Scale Internet of Things. IEEE Internet of Things Journal, 2021, 8, 3360-3368.	5.5	30
28	Finding the Next Interesting Loan for Investors on a Peer-to-Peer Lending Platform. IEEE Access, 2021, 9, 111293-111304.	2.6	2
29	Non-Recurrent Classification Learning Model for Drone Assisted Vehicular Ad-Hoc Network Communication in Smart Cities. IEEE Transactions on Network Science and Engineering, 2021, 8, 2792-2800.	4.1	6
30	Interactive personalized recommendation systems for human health. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 3209-3212.	3.3	3
31	Intelligent deception techniques against adversarial attack on the industrial system. International Journal of Intelligent Systems, 2021, 36, 2412-2437.	3.3	27
32	ISOF: Information Scheduling and Optimization Framework for Improving the Performance of Agriculture Systems Aided by Industry 4.0. IEEE Internet of Things Journal, 2021, 8, 3120-3129.	5.5	46
33	A survey of energy-saving technologies in cloud data centers. Journal of Supercomputing, 2021, 77, 13385-13420.	2.4	20
34	Correction to â€œAn Efficient and Secured Framework For Mobile Cloud Computingâ€. IEEE Transactions on Cloud Computing, 2021, 9, 844-844.	3.1	1
35	Effective multiple cancer disease diagnosis frameworks for improved healthcare using machine learning. Measurement: Journal of the International Measurement Confederation, 2021, 175, 109145.	2.5	30
36	Incorporating contextual information into personalized mobile applications recommendation. Soft Computing, 2021, 25, 10629-10645.	2.1	2

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37	Information-Centric Content Management Framework for Software Defined Internet of Vehicles Towards Application Specific Services. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4541-4549.	4.7	12
38	Efficient and Secure Routing Protocol Based on Artificial Intelligence Algorithms With UAV-Assisted for Vehicular Ad Hoc Networks in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4757-4769.	4.7	167
39	A Framework for Extractive Text Summarization Based on Deep Learning Modified Neural Network Classifier. ACM Transactions on Asian and Low-Resource Language Information Processing, 2021, 20, 1-20.	1.3	27
40	Guest Editorial: 6G-Enabled Network in Box (NIB) for Industrial Applications and Services. IEEE Transactions on Industrial Informatics, 2021, 17, 7141-7144.	7.2	9
41	Forecasting stock price by hybrid model of cascading Multivariate Adaptive Regression Splines and Deep Neural Network. Computers and Electrical Engineering, 2021, 95, 107405.	3.0	28
42	A feature interaction learning approach for crowdfunding project recommendation. Applied Soft Computing Journal, 2021, 112, 107777.	4.1	8
43	A Novel Context-Aware Mobile Application Recommendation Approach Based on Users Behavior Trajectories. IEEE Access, 2021, 9, 1362-1375.	2.6	3
44	A Novel Handover Mechanism of PMIPv6 for the Support of Multi-Homing Based on Virtual Interface. Sustainability, 2021, 13, 11743.	1.6	0
45	Identity-Based Authentication Mechanism for Secure Information Sharing in the Maritime Transport System. IEEE Transactions on Intelligent Transportation Systems, 2021, , 1-9.	4.7	15
46	Service Composition in Cyber-Physical-Social Systems. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 82-91.	3.2	58
47	A Creative IoT agriculture platform for cloud fog computing. Sustainable Computing: Informatics and Systems, 2020, 28, 100285.	1.6	40
48	User allocationâ€aware edge cloud placement in mobile edge computing. Software - Practice and Experience, 2020, 50, 489-502.	2.5	106
49	Cultural distance for service composition in cyberâ€"physicalâ€"social systems. Future Generation Computer Systems, 2020, 108, 1049-1057.	4.9	9
50	Innovative and efficient method of robotics for helping the Parkinson's disease patient using IoT in big data analytics. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3838.	2.6	32
51	Holistic Technologies for Managing Internet of Things Services. IEEE Transactions on Services Computing, 2020, 13, 597-601.	3.2	9
52	Opportunistic scheduling and resources consolidation system based on a new economic model. Journal of Supercomputing, 2020, 76, 9942-9975.	2.4	9
53	Event Study and Principal Component Analysis Based on Sentiment Analysis â€" A Combined Methodology to Study the Stock Market with an Empirical Study. Information Systems Frontiers, 2020, 22, 1021-1037.	4.1	22
54	Resource provisioning towards OPEX optimization in horizontal edge federation. Computer Communications, 2020, 158, 39-50.	3.1	12

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55	Edge server placement in mobile edge computing. Journal of Parallel and Distributed Computing, 2019, 127, 160-168.	2.7	312
56	Spatio-temporal context-aware collaborative QoS prediction. Future Generation Computer Systems, 2019, 100, 46-57.	4.9	22
57	A novel next new point-of-interest recommendation system based on simulated user travel decision-making process. Future Generation Computer Systems, 2019, 100, 982-993.	4.9	32
58	Advances in big data programming, system software and HPC convergence. Journal of Supercomputing, 2019, 75, 489-493.	2.4	4
59	An efficient anonymous mutual authentication technique for providing secure communication in mobile cloud computing for smart city applications. Sustainable Cities and Society, 2019, 49, 101522.	5.1	103
60	Mashup-Oriented API Recommendation via Random Walk on Knowledge Graph. IEEE Access, 2019, 7, 7651-7662.	2.6	43
61	QoS prediction for service recommendations in mobile edge computing. Journal of Parallel and Distributed Computing, 2019, 127, 134-144.	2.7	122
62	Exploring robustness management of social internet of things for customization manufacturing. Future Generation Computer Systems, 2019, 92, 846-856.	4.9	32
63	Virtual machine placement with (m, n)-fault tolerance in cloud data center. Cluster Computing, 2019, 22, 11619-11631.	3.5	21
64	Experimental and quantitative analysis of server power model for cloud data centers. Future Generation Computer Systems, 2018, 86, 940-950.	4.9	26
65	Optimizing M2M Communications and Quality of Services in the IoT for Sustainable Smart Cities. IEEE Transactions on Sustainable Computing, 2018, 3, 4-15.	2.2	54
66	Collaborative QoS prediction with context-sensitive matrix factorization. Future Generation Computer Systems, 2018, 82, 669-678.	4.9	98
67	GEODIS: towards the optimization of data locality-aware job scheduling in geo-distributed data centers. Computing (Vienna/New York), 2018, 100, 21-46.	3.2	23
68	Energy-efficient hadoop for big data analytics and computing: A systematic review and research insights. Future Generation Computer Systems, 2018, 86, 1351-1367.	4.9	42
69	Towards increasing reliability of clouds environments with RESTful web services. Future Generation Computer Systems, 2018, 87, 502-513.	4.9	16
70	Machine Learning Based Big Data Processing Framework for Cancer Diagnosis Using Hidden Markov Model and GM Clustering. Wireless Personal Communications, 2018, 102, 2099-2116.	1.8	175
71	Tag-Based Personalized Music Recommendation. , 2018, , .		3
72	Enhancing Collaborative Filtering by User-User Covariance Matrix. Mathematical Problems in Engineering, 2018, 2018, 1-9.	0.6	2

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73	Emerging trends, issues, and challenges in Internet of Medical Things and wireless networks. Personal and Ubiquitous Computing, 2018, 22, 879-882.	1.9	62
74	Mobile Edge Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-3.	0.8	16
75	Special issue on machine learning algorithms for internet of things, fog computing and cloud computing. Computing (Vienna/New York), 2018, 100, 757-758.	3.2	3
76	A time-sensitive personalized recommendation method based on probabilistic matrix factorization technique. Soft Computing, 2018, 22, 6785-6796.	2.1	18
77	Automatic Memory Control of Multiple Virtual Machines on a Consolidated Server. IEEE Transactions on Cloud Computing, 2017, 5, 2-14.	3.1	34
78	Case of ARM emulation optimization for offloading mechanisms in Mobile Cloud Computing. Future Generation Computer Systems, 2017, 76, 407-417.	4.9	17
79	Efficient and reliable service selection for heterogeneous distributed software systems. Future Generation Computer Systems, 2017, 74, 158-167.	4.9	27
80	High-Efficiency Urban Traffic Management in Context-Aware Computing and 5G Communication. , 2017, 55, 34-40.		109
81	Fault-tolerant system design on cloud logistics by greener standbys deployment with Petri net model. Neurocomputing, 2017, 256, 90-100.	3.5	14
82	Network failure-aware redundant virtual machine placement in a cloud data center. Concurrency Computation Practice and Experience, 2017, 29, e4290.	1.4	16
83	Real-time, large-scale duplicate image detection method based on multi-feature fusion. Journal of Real-Time Image Processing, 2017, 13, 557-570.	2.2	12
84	Deviation-based neighborhood model for context-aware QoS prediction of cloud and IoT services. Future Generation Computer Systems, 2017, 76, 550-560.	4.9	26
85	A Vertical Handoff Method via Self-Selection Decision Tree for Internet of Vehicles. IEEE Systems Journal, 2016, 10, 1183-1192.	2.9	97
86	Advances in Mobile Security Technologies. Mobile Information Systems, 2016, 2016, 1-2.	0.4	0
87	Cloud computing for mobile environments. Concurrency Computation Practice and Experience, 2016, 28, 2753-2755.	1.4	1
88	Internet of People and situated computing. Personal and Ubiquitous Computing, 2016, 20, 847-849.	1.9	2
89	Byzantine Fault Tolerant Optimization in Federated Cloud Computing. , 2016, , .		0
90	Modeling of Resource Granularity and Utilization with Virtual Machine Splitting. , 2016, , .		1

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91	Efficient identity authentication and encryption technique for high throughput RFID system. Security and Communication Networks, 2016, 9, 2581-2591.	1.0	14
92	QoS prediction for Web service in Mobile Internet environment. New Review of Hypermedia and Multimedia, 2016, 22, 207-222.	0.9	4
93	On Cloud Service Reliability Enhancement with Optimal Resource Usage. IEEE Transactions on Cloud Computing, 2016, 4, 452-466.	3.1	59
94	Offloading mobile data traffic for QoS-aware service provision in vehicular cyber-physical systems. Future Generation Computer Systems, 2016, 61, 118-127.	4.9	64
95	Data adapter for querying and transformation between SQL and NoSQL database. Future Generation Computer Systems, 2016, 65, 111-121.	4.9	55
96	Provision of Data-Intensive Services Through Energy- and QoS-Aware Virtual Machine Placement in National Cloud Data Centers. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 290-300.	3.2	107
97	Evaluating rail transit timetable using big passengers' data. Journal of Computer and System Sciences, 2016, 82, 144-155.	0.9	26
98	Collaboration reputation for trustworthy Web service selection in social networks. Journal of Computer and System Sciences, 2016, 82, 130-143.	0.9	61
99	Task rescheduling optimization to minimize network resource consumption. Multimedia Tools and Applications, 2016, 75, 12901-12917.	2.6	6
100	Network and Parallel Computing. International Journal of Parallel Programming, 2016, 44, 1-4.	1.1	1
101	A Highly Accurate Prediction Algorithm for Unknown Web Service QoS Values. IEEE Transactions on Services Computing, 2016, 9, 511-523.	3.2	84
102	Guest Editors' Introduction: Special Issue on Big Data Intelligence and Computing. Foundations of Computing and Decision Sciences, 2016, 41, 143-149.	0.5	0
103	Time-ordered collaborative filtering for news recommendation. China Communications, 2015, 12, 53-62.	2.0	47
104	Locality and loading aware virtual machine mapping techniques for optimizing communications in MapReduce applications. Future Generation Computer Systems, 2015, 53, 43-54.	4.9	45
105	Using reputation measurement to defend mobile social networks against malicious feedback ratings. Journal of Supercomputing, 2015, 71, 2190-2203.	2.4	17
106	Scheduling contention‐free broadcasts in heterogeneous networks. International Journal of Communication Systems, 2015, 28, 952-971.	1.6	5
107	Distributed Metaserver Mechanism and Recovery Mechanism Support in Quantcast File System. , 2015, , .		0
108	Cluster analysis based on opinion mining. , 2015, , .		0

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109	An Adaptive and Memory Efficient Sampling Mechanism for Partitioning in MapReduce. International Journal of Parallel Programming, 2015, 43, 489-507.	1.1	33
110	The power of smartphones. Multimedia Systems, 2015, 21, 87-101.	3.0	24
111	Network and Parallel Computing. International Journal of Parallel Programming, 2015, 43, 311-315.	1.1	1
112	Sensor Communications towards Intelligent Vehicle Networking. International Journal of Distributed Sensor Networks, 2015, 11, 365879.	1.3	1
113	Novel Computing Technologies for Bioinformatics and Cheminformatics. BioMed Research International, 2014, 2014, 1-3.	0.9	1
114	Dynamic intelligence towards smart and green world. International Journal of Communication Systems, 2014, 27, 529-533.	1.6	5
115	Guest editorial: automated techniques for migrating to the cloud (II). Automated Software Engineering, 2014, 21, 439-442.	2.2	0
116	Energy-aware multipath routing for data aggregation in wireless sensor networks. , 2014, , .		1
117	Trends in high-performance computing and communications for ubiquitous computing. Knowledge Engineering Review, 2014, 29, 407-408.	2.1	0
118	Digital evidence discovery of networked multimedia smart devices based on social networking activities. Multimedia Tools and Applications, 2014, 71, 219-234.	2.6	4
119	On improvement of cloud virtual machine availability with virtualization fault tolerance mechanism. Journal of Supercomputing, 2014, 69, 1103-1122.	2.4	45
120	Dynamic intelligence towards merging cloud and communication services. Information Systems Frontiers, 2014, 16, 1-5.	4.1	11
121	SmartJoin: a network-aware multiway join for MapReduce. Cluster Computing, 2014, 17, 629-641.	3.5	13
122	Implementation of GPU virtualization using PCI pass-through mechanism. Journal of Supercomputing, 2014, 68, 183-213.	2.4	14
123	A framework of cloud-based virtual phones for secure intelligent information management. International Journal of Information Management, 2014, 34, 329-335.	10.5	13
124	Multi-user web service selection based on multi-QoS prediction. Information Systems Frontiers, 2014, 16, 143-152.	4.1	46
125	Guest editorial: automated techniques for migrating to the Cloud (I). Automated Software Engineering, 2014, 21, 315-318.	2.2	0
126	BASA: building mobile Ad-Hoc social networks on top of android. IEEE Network, 2014, 28, 4-9.	4.9	66

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127	An optimal control policy to realize green cloud systems with SLA-awareness. Journal of Supercomputing, 2014, 69, 1284-1310.	2.4	16
128	Advances in security and multimodality for pervasive computing environments. Telecommunication Systems, 2013, 52, 1341.	1.6	0
129	An improved partitioning mechanism for optimizing massive data analysis using MapReduce. Journal of Supercomputing, 2013, 66, 539-555.	2.4	39
130	Dynamic Data Partitioning and Virtual Machine Mapping: Efficient Data Intensive Computation. , 2013, , .		0
131	An Optimal Cost-Efficient Resource Provisioning for Multi-servers Cloud Computing. , 2013, , .		3
132	Biocloud: Cloud Computing for Biological, Genomics, and Drug Design. BioMed Research International, 2013, 2013, 1-3.	0.9	19
133	Cloud Computing Technology and Science. International Journal of Grid and High Performance Computing, 2013, 5, 1-4.	0.7	6
134	Mobile and Wireless Computing towards Sustainable and Ubiquitous Clouds Services. International Journal of Grid and High Performance Computing, 2013, 5, 1-5.	0.7	3
135	Energy-Efficient Resource Provisioning with SLA Consideration on Cloud Computing. , 2012, , .		19
136	An Overlap Aware Technique for Redundant Reader Elimination. , 2012, , .		2
137	Efficient selection strategies towards processor reordering techniques for improving data locality inÂheterogeneous clusters. Journal of Supercomputing, 2012, 60, 284-300.	2.4	5
138	Editorial: enabling technologies for programming extreme scale systems. Journal of Supercomputing, 2012, 61, 1-5.	2.4	1
139	Ubiquitous Intelligence and Computing: building smart environment in real and cyber space. Journal of Ambient Intelligence and Humanized Computing, 2012, 3, 83-85.	3.3	6
140	Editorial: communication optimization for scalable parallel system. Journal of Supercomputing, 2012, 60, 1-3.	2.4	0
141	Fault Tolerance Policy on Dynamic Load Balancing in P2P Grids. , 2011, , .		4
142	Dynamic Voltage Adjustment for Energy Efficient Scheduling on Multi-core Systems. , 2011, , .		0
143	Energy-Aware Task Consolidation Technique for Cloud Computing. , 2011, , .		40
144	On Improvement of Cloud Virtual Machine Availability with Virtualization Fault Tolerance Mechanism. , 2011, , .		5

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145	Guest Editorial: Services Composition and Virtualization Technologies. IEEE Transactions on Services Computing, 2011, 4, 181-182.	3.2	2
146	Threshold jumping and wrap-around scan techniques toward efficient tag identification in high density RFID systems. Information Systems Frontiers, 2011, 13, 471-480.	4.1	15
147	Editorial: Special Issue on â€œAdvanced Technologies and Practices in Recent Wireless Sensor Networksâ€. Wireless Personal Communications, 2011, 60, 385-388.	1.8	0
148	Exploiting Dynamic Distributed Load Balance by Neighbor-Matching on P2P Grids. , 2011, , .		0
149	File replication, maintenance, and consistency management services in data grids. Journal of Supercomputing, 2010, 53, 411-439.	2.4	15
150	An Anticipative Recursively Adjusting Mechanism for parallel file transfer in data grids. Concurrency Computation Practice and Experience, 2010, 22, 2144-2169.	1.4	3
151	The Design and Implementation of a Mobile Location-Aware Digital Signage System. , 2010, , .		4
152	Adaptive Scheduling Based on Quality of Service in Heterogeneous Environments. , 2010, , .		9
153	A Special Section of Intelligent Automation and Soft Computing. Intelligent Automation and Soft Computing, 2010, 16, 395-397.	1.6	0
154	An Adaptive Anti-Collision Algorithm towards Efficient RFID Tag Identification. , 2009, , .		3
155	Data Distribution Methods for Communication Localization in Multi-clusters with Heterogeneous Network. , 2009, , .		0
156	An Incremental Splitting Scheme for Efficient Tag Identification. , 2009, , .		0
157	Message transmission techniques for low traffic P2P services. International Journal of Communication Systems, 2009, 22, 1105-1122.	1.6	6
158	Secure communications and data management in ubiquitous services. International Journal of Communication Systems, 2009, 22, 1065-1068.	1.6	1
159	Alleviating reader collision problem in mobile RFID networks. Personal and Ubiquitous Computing, 2009, 13, 489-497.	1.9	19
160	A Recursively-Adjusting Co-allocation scheme with a Cyber-Transformer in Data Grids. Future Generation Computer Systems, 2009, 25, 695-703.	4.9	19
161	Intelligent systems and smart homes. Information Systems Frontiers, 2009, 11, 481-482.	4.1	8
162	Scheduling for atomic broadcast operation inÂheterogeneous networks with one port model. Journal of Supercomputing, 2009, 50, 269-288.	2.4	5

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163	An Accelerometer Based Approach for Indoor Localization. , 2009, , .		26
164	Anticipative Inquiry Scheme for Efficient RFID Tag Identification. , 2009, , .		4
165	On improving resource utilization and system throughput of master slave job scheduling inÂheterogeneous systems. Journal of Supercomputing, 2008, 45, 129-150.	2.4	15
166	An Enhanced Query Tree (EQT) Protocol for Memoryless Tag Anti-collision in RFID Systems. , 2008, , .		10
167	Performance-Effective and Contention-Free Broadcasts on Irregular Network with Heterogeneous Workstations. , 2008, , .		0
168	Adaptive Scheduling Mechanisms toward Intelligent Services in Mobile and Wireless RFID Environments. , 2008, , .		1
169	A Peer-to-Peer File Resource Sharing System for Mobile Devices. , 2008, , .		2
170	FRCS: A File Replication and Consistency Service in Data Grids. , 2008, , .		5
171	On Improving Message Passing in Unstructured Peer-to-Peer Overlay Networks. , 2008, , .		2
172	Commercial Economic Business Strategies and Models for Grid Computing Environments. , 2008, , .		0
173	On Deployment of Economy Business Models and Grid Technologies in Grid Portal GOCPortal. , 2008, , .		0
174	A One-Way File Replica Consistency Model in Data Grids. , 2007, , .		1
175	An Efficient Task Dispatching Method in Heterogeneous Networks. , 2007, , .		0
176	A One-Way File Replica Consistency Model in Data Grids. , 2007, , .		7
177	Scheduling contention-free irregular redistributions in parallelizing compilers. Journal of Supercomputing, 2007, 40, 229-247.	2.4	14
178	Performance effective pre-scheduling strategy for heterogeneous grid systems in the master slave paradigm. Future Generation Computer Systems, 2007, 23, 569-579.	4.9	17
179	Towards Design of a File Location Selection System in Grid Environments. , 2006, , .		0
180	Optimizing Communications of Dynamic Data Redistribution on Symmetrical Matrices in Parallelizing Compilers. IEEE Transactions on Parallel and Distributed Systems, 2006, 17, 1226-1241.	4.0	4

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181	Sparse Matrix Block-Cyclic Realignment on Distributed Memory Machines. Journal of Supercomputing, 2005, 33, 175-196.	2.4	2
182	A Compressed Diagonals Remapping Technique for Dynamic Data Redistribution on Banded Sparse Matrix. Journal of Supercomputing, 2004, 29, 125-143.	2.4	2
183	A generalized processor mapping technique for array redistribution. IEEE Transactions on Parallel and Distributed Systems, 2001, 12, 743-757.	4.0	24
184	Efficient Methods for Multi-Dimensional Array Redistribution. Journal of Supercomputing, 2000, 17, 23-46.	2.4	8
185	A generalized basic-cycle calculation method for efficient array redistribution. IEEE Transactions on Parallel and Distributed Systems, 2000, 11, 1201-1216.	4.0	26
186	Packing/unpacking information generation for efficient generalized kr/spl rarr/r and r/spl rarr/kr array redistribution. , 1999, , .		0
187	Efficient Methods for kr â†' r and r â†' kr Array Redistribution1. Journal of Supercomputing, 1998, 12, 253-276.	2.4	5
188	A basic-cycle calculation technique for efficient dynamic data redistribution. IEEE Transactions on Parallel and Distributed Systems, 1998, 9, 359-377.	4.0	27
189	Efficient methods for krâ†'r and râ†'kr array redistribution. , 0, , .		0
190	Message encoding techniques for efficient array redistribution. , 0, , .		0
191	Efficient methods for multi-dimensional array redistribution. , 0, , .		0
192	A methodological framework for extreme climate risk assessment integrating satellite and location based data sets in intelligent systems. International Journal of Intelligent Systems, 0, , .	3.3	1
193	Software Optimization in Ultrasound Imaging Technique Using Improved Deep Belief Learning Network on the Internet of Medical Things Platform. Wireless Personal Communications, 0, , 1.	1.8	0
194	Constraint Programming with Intelligent Backtracking using Artificial Intelligence. Arabian Journal for Science and Engineering, 0, , 1.	1.7	0