

# Keqin Li

## List of Publications by Citations

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424  
papers

8,232  
citations

45  
h-index

69  
g-index

465  
ext. papers

10,349  
ext. citations

3.8  
avg, IF

7.18  
L-index

#	Paper	IF	Citations
4 <sup>24</sup>	A genetic algorithm for task scheduling on heterogeneous computing systems using multiple priority queues. <i>Information Sciences</i> , <b>2014</b> , 270, 255-287	7.7	235
4 <sup>23</sup>	A Parallel Random Forest Algorithm for Big Data in a Spark Cloud Computing Environment. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2017</b> , 28, 919-933	3.7	219
4 <sup>22</sup>	A comprehensive survey of Network Function Virtualization. <i>Computer Networks</i> , <b>2018</b> , 133, 212-262	5.4	210
4 <sup>21</sup>	An Energy-Efficient Task Scheduling Algorithm in DVFS-enabled Cloud Environment. <i>Journal of Grid Computing</i> , <b>2016</b> , 14, 55-74	4.2	152
4 <sup>20</sup>	Energy-Efficient Stochastic Task Scheduling on Heterogeneous Computing Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 2867-2876	3.7	145
4 <sup>19</sup>	Performance Analysis and Optimization for SpMV on GPU Using Probabilistic Modeling. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 196-205	3.7	137
4 <sup>18</sup>	Scheduling Precedence Constrained Stochastic Tasks on Heterogeneous Cluster Systems. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 191-204	2.5	127
4 <sup>17</sup>	Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2013</b> , 24, 1087-1096	3.7	121
4 <sup>16</sup>	A Hybrid Chemical Reaction Optimization Scheme for Task Scheduling on Heterogeneous Computing Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 3208-3222	3.7	115
4 <sup>15</sup>	. <i>IEEE Transactions on Services Computing</i> , <b>2019</b> , 12, 726-738	4.8	114
4 <sup>14</sup>	Maximizing reliability with energy conservation for parallel task scheduling in a heterogeneous cluster. <i>Information Sciences</i> , <b>2015</b> , 319, 113-131	7.7	105
4 <sup>13</sup>	A Bi-layered Parallel Training Architecture for Large-Scale Convolutional Neural Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2019</b> , 30, 965-976	3.7	98
4 <sup>12</sup>	. <i>IEEE Transactions on Computers</i> , <b>2014</b> , 63, 45-58	2.5	97
4 <sup>11</sup>	A Parallel Multiclassification Algorithm for Big Data Using an Extreme Learning Machine. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 2337-2351	10.3	91
4 <sup>10</sup>	Bi-objective workflow scheduling of the energy consumption and reliability in heterogeneous computing systems. <i>Information Sciences</i> , <b>2017</b> , 379, 241-256	7.7	91
4 <sup>09</sup>	Performance Optimization Using Partitioned SpMV on GPUs and Multicore CPUs. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 2623-2636	2.5	88
4 <sup>08</sup>	A Profit Maximization Scheme with Guaranteed Quality of Service in Cloud Computing. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 3064-3078	2.5	86

407	A two-dimensional buddy system for dynamic resource allocation in a partitionable mesh connected system. <i>Journal of Parallel and Distributed Computing</i> , <b>1991</b> , 12, 79-83	4.4	82
406	Performance Analysis of Power-Aware Task Scheduling Algorithms on Multiprocessor Computers with Dynamic Voltage and Speed. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2008</b> , 19, 1484-1497	3.7	75
405	Efficient task scheduling for budget constrained parallel applications on heterogeneous cloud computing systems. <i>Future Generation Computer Systems</i> , <b>2017</b> , 74, 1-11	7.5	73
404	A novel fuzzy deep-learning approach to traffic flow prediction with uncertain spatial-temporal data features. <i>Future Generation Computer Systems</i> , <b>2018</b> , 89, 78-88	7.5	70
403	Distributed Deep Learning Model for Intelligent Video Surveillance Systems with Edge Computing. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 1-1	11.9	68
402	Strategy Configurations of Multiple Users Competition for Cloud Service Reservation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 508-520	3.7	67
401	Minimizing SLA violation and power consumption in Cloud data centers using adaptive energy-aware algorithms. <i>Future Generation Computer Systems</i> , <b>2018</b> , 86, 836-850	7.5	66
400	Dual Model Learning Combined With Multiple Feature Selection for Accurate Visual Tracking. <i>IEEE Access</i> , <b>2019</b> , 7, 43956-43969	3.5	64
399	Adaptive Processing for Distributed Skyline Queries over Uncertain Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2016</b> , 28, 371-384	4.2	63
398	Network Consistency Projection for Human miRNA-Disease Associations Inference. <i>Scientific Reports</i> , <b>2016</b> , 6, 36054	4.9	63
397	GPU-Accelerated Parallel Hierarchical Extreme Learning Machine on Flink for Big Data. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 2740-2753	7.3	62
396	Linear array with a reconfigurable pipelined bus system [Concepts and applications]. <i>Information Sciences</i> , <b>1998</b> , 106, 237-258	7.7	62
395	. <i>IEEE Transactions on Computers</i> , <b>2012</b> , 61, 1668-1681	2.5	61
394	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2018</b> , 13, 758-772	8	55
393	A Framework of Price Bidding Configurations for Resource Usage in Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 2168-2181	3.7	55
392	GFLink: An In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2018</b> , 29, 1275-1288	3.7	53
391	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>1998</b> , 9, 705-720	3.7	52
390	MSGD: A Novel Matrix Factorization Approach for Large-Scale Collaborative Filtering Recommender Systems on GPUs. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2018</b> , 29, 1530-1544	3.7	51

389	Spectrum Resource Sharing in Heterogeneous Vehicular Networks: A Noncooperative Game-Theoretic Approach With Correlated Equilibrium. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 9449-9458	6.8	50
388	Hadoop Recognition of Biomedical Named Entity Using Conditional Random Fields. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 3040-3051	3.7	49
387	Profit Maximization for Cloud Brokers in Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2019</b> , 30, 190-203	3.7	49
386	Seeksv: an accurate tool for somatic structural variation and virus integration detection. <i>Bioinformatics</i> , <b>2017</b> , 33, 184-191	7.2	49
385	Energy efficient scheduling of parallel tasks on multiprocessor computers. <i>Journal of Supercomputing</i> , <b>2012</b> , 60, 223-247	2.5	49
384	Parallel hybrid PSO with CUDA for ID heat conduction equation. <i>Computers and Fluids</i> , <b>2015</b> , 110, 198-210	3.8	48
383	Heterogeneity-driven end-to-end synchronized scheduling for precedence constrained tasks and messages on networked embedded systems. <i>Journal of Parallel and Distributed Computing</i> , <b>2015</b> , 83, 1-12	4.4	47
382	On Three-Dimensional Packing. <i>SIAM Journal on Computing</i> , <b>1990</b> , 19, 847-867	1.1	47
381	. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 9, 14-26	3.3	47
380	Stackelberg Game Approach for Energy-Aware Resource Allocation in Data Centers. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 3646-3658	3.7	46
379	Sliding Window Optimized Information Entropy Analysis Method for Intrusion Detection on In-Vehicle Networks. <i>IEEE Access</i> , <b>2018</b> , 6, 45233-45245	3.5	45
378	Adaptive Dynamic Scheduling on Multifunctional Mixed-Criticality Automotive Cyber-Physical Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 6676-6692	6.8	44
377	Fast Functional Safety Verification for Distributed Automotive Applications During Early Design Phase. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 4378-4391	8.9	44
376	Minimizing Energy Consumption of Real-Time Parallel Applications Using Downward and Upward Approaches on Heterogeneous Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 1068-1078 <sup>11.9</sup>	11.9	43
375	Reporting l most influential objects in uncertain databases based on probabilistic reverse top- k queries. <i>Information Sciences</i> , <b>2017</b> , 405, 207-226	7.7	43
374	CP-ABSE: A Ciphertext-Policy Attribute-Based Searchable Encryption Scheme. <i>IEEE Access</i> , <b>2019</b> , 7, 5682-5694	5.6	43
373	High performance real-time scheduling of multiple mixed-criticality functions in heterogeneous distributed embedded systems. <i>Journal of Systems Architecture</i> , <b>2016</b> , 70, 3-14	5.5	43
372	A Game Approach to Multi-Servers Load Balancing with Load-Dependent Server Availability Consideration. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 9, 1-13	3.3	43

371	FlinkCL: An OpenCL-Based In-Memory Computing Architecture on Heterogeneous CPU-GPU Clusters for Big Data. <i>IEEE Transactions on Computers</i> , <b>2018</b> , 67, 1765-1779	2.5	43
370	Power and performance management for parallel computations in clouds and data centers. <i>Journal of Computer and System Sciences</i> , <b>2016</b> , 82, 174-190	1	42
369	Global network random walk for predicting potential human lncRNA-disease associations. <i>Scientific Reports</i> , <b>2017</b> , 7, 12442	4.9	41
368	An intermediate data placement algorithm for load balancing in Spark computing environment. <i>Future Generation Computer Systems</i> , <b>2018</b> , 78, 287-301	7.5	41
367	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2016</b> , 28, 2808-2821	4.2	41
366	Energy-Aware Processor Merging Algorithms for Deadline Constrained Parallel Applications in Heterogeneous Cloud Computing. <i>IEEE Transactions on Sustainable Computing</i> , <b>2017</b> , 2, 62-75	3.5	40
365	An Intelligent Economic Approach for Dynamic Resource Allocation in Cloud Services. <i>IEEE Transactions on Cloud Computing</i> , <b>2015</b> , 3, 275-289	3.3	40
364	Energy-Aware Data Allocation and Task Scheduling on Heterogeneous Multiprocessor Systems With Time Constraints. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2014</b> , 2, 134-148	4.1	40
363	Energy-Efficient Scheduling Algorithms for Real-Time Parallel Applications on Heterogeneous Distributed Embedded Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2017</b> , 28, 3426-3442	2.7	40
362	An adaptive heuristic for managing energy consumption and overloaded hosts in a cloud data center. <i>Wireless Networks</i> , <b>2020</b> , 26, 1905-1919	2.5	40
361	Hybrid immune algorithm based on greedy algorithm and delete-cross operator for solving TSP. <i>Soft Computing</i> , <b>2016</b> , 20, 555-566	3.5	38
360	Energy-aware task scheduling in heterogeneous computing environments. <i>Cluster Computing</i> , <b>2014</b> , 17, 537-550	2.1	38
359	Efficient monochromatic and bichromatic probabilistic reverse top- k query processing for uncertain big data. <i>Journal of Computer and System Sciences</i> , <b>2017</b> , 89, 92-113	1	38
358	Efficient top-(k,l) range query processing for uncertain data based on multicore architectures. <i>Distributed and Parallel Databases</i> , <b>2015</b> , 33, 381-413	0.9	38
357	Reliability Enhancement Toward Functional Safety Goal Assurance in Energy-Aware Automotive Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 5447-5462	11.9	37
356	Dynamic forecast scheduling algorithm for virtual machine placement in cloud computing environment. <i>Journal of Supercomputing</i> , <b>2014</b> , 70, 1279-1296	2.5	36
355	Minimizing Redundancy to Satisfy Reliability Requirement for a Parallel Application on Heterogeneous Service-Oriented Systems. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 13, 871-886	4.8	36
354	Energy-Efficient Fault-Tolerant Scheduling of Reliable Parallel Applications on Heterogeneous Distributed Embedded Systems. <i>IEEE Transactions on Sustainable Computing</i> , <b>2018</b> , 3, 167-181	3.5	35

353	A Parallel Patient Treatment Time Prediction Algorithm and Its Applications in Hospital Queuing-Recommendation in a Big Data Environment. <i>IEEE Access</i> , <b>2016</b> , 4, 1767-1783	3-5	35
352	A hybrid computing method of SpMV on CPU+GPU heterogeneous computing systems. <i>Journal of Parallel and Distributed Computing</i> , <b>2017</b> , 104, 49-60	4-4	34
351	Energy and time constrained task scheduling on multiprocessor computers with discrete speed levels. <i>Journal of Parallel and Distributed Computing</i> , <b>2016</b> , 95, 15-28	4-4	34
350	Fuzzy Group-Based Intersection Control via Vehicular Networks for Smart Transportations. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 751-758	11-9	34
349	Virtual Machine Placement Algorithm for Both Energy-Awareness and SLA Violation Reduction in Cloud Data Centers. <i>Scientific Programming</i> , <b>2016</b> , 2016, 1-11	1-4	34
348	Stop-and-Wait: Discover Aggregation Effect Based on Private Car Trajectory Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2018</b> , 1-11	6-1	34
347	Customer-Satisfaction-Aware Optimal Multiserver Configuration for Profit Maximization in Cloud Computing. <i>IEEE Transactions on Sustainable Computing</i> , <b>2017</b> , 2, 17-29	3-5	33
346	Adaptive Workflow Scheduling on Cloud Computing Platforms with Iterative Ordinal Optimization. <i>IEEE Transactions on Cloud Computing</i> , <b>2015</b> , 3, 156-168	3-3	33
345	A Hybrid Parallel Solving Algorithm on GPU for Quasi-Tridiagonal System of Linear Equations. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 2795-2808	3-7	33
344	A Stackelberg game approach to multiple resources allocation and pricing in mobile edge computing. <i>Future Generation Computer Systems</i> , <b>2020</b> , 108, 273-287	7-5	32
343	Improving Multicore Server Performance and Reducing Energy Consumption by Workload Dependent Dynamic Power Management. <i>IEEE Transactions on Cloud Computing</i> , <b>2016</b> , 4, 122-137	3-3	32
342	DataABC: A fast ABC based energy-efficient live VM consolidation policy with data-intensive energy evaluation model. <i>Future Generation Computer Systems</i> , <b>2017</b> , 74, 132-141	7-5	30
341	RISC: ICN routing mechanism incorporating SDN and community division. <i>Computer Networks</i> , <b>2017</b> , 123, 88-103	5-4	30
340	A Reliability-aware Task Scheduling Algorithm Based on Replication on Heterogeneous Computing Systems. <i>Journal of Grid Computing</i> , <b>2017</b> , 15, 23-39	4-2	30
339	GOI: A Novel Design for Vehicle Positioning and Trajectory Prediction Under Urban Environments. <i>IEEE Sensors Journal</i> , <b>2018</b> , 1-1	4	30
338	Scheduling parallel tasks with energy and time constraints on multiple manycore processors in a cloud computing environment. <i>Future Generation Computer Systems</i> , <b>2018</b> , 82, 591-605	7-5	30
337	Liquid: A Scalable Deduplication File System for Virtual Machine Images. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 1257-1266	3-7	30
336	Fine-Grained Energy Consumption Model of Servers Based on Task Characteristics in Cloud Data Center. <i>IEEE Access</i> , <b>2018</b> , 6, 27080-27090	3-5	29

335	Managing performance and power consumption tradeoff for multiple heterogeneous servers in cloud computing. <i>Cluster Computing</i> , <b>2014</b> , 17, 943-955	2.1	29
334	Modeling and Performance Analysis of a Tracking-Area-List-Based Location Management Scheme in LTE Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 6417-6431	6.8	28
333	Systematic Data Placement Optimization in Multi-Cloud Storage for Complex Requirements. <i>IEEE Transactions on Computers</i> , <b>2016</b> , 65, 1964-1977	2.5	28
332	A Fund-Constrained Investment Scheme for Profit Maximization in Cloud Computing. <i>IEEE Transactions on Services Computing</i> , <b>2018</b> , 11, 893-907	4.8	28
331	Graphene-Grid Deployment in Energy Harvesting Cooperative Wireless Sensor Networks for Green IoT. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 1820-1829	11.9	28
330	An angle dominance criterion for evolutionary many-objective optimization. <i>Information Sciences</i> , <b>2020</b> , 509, 376-399	7.7	28
329	A Game Theoretic Approach to Computation Offloading Strategy Optimization for Non-cooperative Users in Mobile Edge Computing. <i>IEEE Transactions on Sustainable Computing</i> , <b>2018</b> , 1-1	3.5	28
328	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2019</b> , 31, 521-534	4.2	27
327	WCRT Analysis of CAN Messages in Gateway-Integrated In-Vehicle Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 9623-9637	6.8	27
326	FAST NEAREST NEIGHBOR ALGORITHMS ON A LINEAR ARRAY WITH A RECONFIGURABLE PIPELINED BUS SYSTEM. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , <b>1998</b> , 13, 1-25		27
325	Energy management for multiple real-time workflows on cyberphysical cloud systems. <i>Future Generation Computer Systems</i> , <b>2020</b> , 105, 916-931	7.5	27
324	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2018</b> , 29, 2503-2513	3.7	27
323	A query privacy-enhanced and secure search scheme over encrypted data in cloud computing. <i>Journal of Computer and System Sciences</i> , <b>2017</b> , 90, 14-27	1	26
322	Computation Offloading Strategy Optimization with Multiple Heterogeneous Servers in Mobile Edge Computing. <i>IEEE Transactions on Sustainable Computing</i> , <b>2019</b> , 1-1	3.5	26
321	Parallel Implementation of MAFFT on CUDA-Enabled Graphics Hardware. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2015</b> , 12, 205-18	3	26
320	GDPC: Gravitation-based Density Peaks Clustering algorithm. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2018</b> , 502, 345-355	3.3	24
319	Static job scheduling in partitionable mesh connected systems. <i>Journal of Parallel and Distributed Computing</i> , <b>1990</b> , 10, 152-159	4.4	24
318	Privacy-preserving range query over multi-source electronic health records in public clouds. <i>Journal of Parallel and Distributed Computing</i> , <b>2020</b> , 135, 127-139	4.4	24

317	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2013</b> , 24, 225-238	3.7	23
316	Efficient Deterministic and Probabilistic Simulations of PRAMs on Linear Arrays with Reconfigurable Pipelined Bus Systems. <i>Journal of Supercomputing</i> , <b>2000</b> , 15, 163-181	2.5	23
315	Min-Max Cost Optimization for Efficient Hierarchical Federated Learning in Wireless Edge Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 1-1	3.7	23
314	Hardware Cost Design Optimization for Functional Safety-Critical Parallel Applications on Heterogeneous Distributed Embedded Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 2418-2431	11.9	23
313	Energy-Efficient Resource Utilization for Heterogeneous Embedded Computing Systems. <i>IEEE Transactions on Computers</i> , <b>2017</b> , 66, 1518-1531	2.5	22
312	Optimal Load Distribution for Multiple Heterogeneous Blade Servers in a Cloud Computing Environment. <i>Journal of Grid Computing</i> , <b>2013</b> , 11, 27-46	4.2	22
311	Optimal configuration of a multicore server processor for managing the power and performance tradeoff. <i>Journal of Supercomputing</i> , <b>2012</b> , 61, 189-214	2.5	22
310	Parallel Processing of Divisible Loads on Partitionable Static Interconnection Networks. <i>Cluster Computing</i> , <b>2003</b> , 6, 47-55	2.1	22
309	EGroupNet. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2020</b> , 16, 1-23,4	2.3	22
308	DPC-LG: Density peaks clustering based on logistic distribution and gravitation. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 514, 25-35	3.3	22
307	Modeling and Analysis of the Thermal Properties Exhibited by Cyberphysical Data Centers. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 163-172	4.3	21
306	An Energy-Aware Algorithm for Virtual Machine Placement in Cloud Computing. <i>IEEE Access</i> , <b>2019</b> , 7, 55659-55668	3.5	21
305	Secure conjunctive multi-keyword ranked search over encrypted cloud data for multiple data owners. <i>Future Generation Computer Systems</i> , <b>2019</b> , 100, 689-700	7.5	20
304	Accelerate RDP RAID-6 Scaling by Reducing Disk I/Os and XOR Operations. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 32-44	2.5	20
303	CRFs based parallel biomedical named entity recognition algorithm employing MapReduce framework. <i>Cluster Computing</i> , <b>2015</b> , 18, 493-505	2.1	20
302	Fault-Tolerant Dynamic Rescheduling for Heterogeneous Computing Systems. <i>Journal of Grid Computing</i> , <b>2015</b> , 13, 507-525	4.2	20
301	On the Correlation of Sensor Location and Human Activity Recognition in Body Area Networks (BANs). <i>IEEE Systems Journal</i> , <b>2018</b> , 12, 82-91	4.3	20
300	Job scheduling and processor allocation for grid computing on metacomputers. <i>Journal of Parallel and Distributed Computing</i> , <b>2005</b> , 65, 1406-1418	4.4	20



299	M-Skyline: Taking sunk cost and alternative recommendation in consideration for skyline query on uncertain data. <i>Knowledge-Based Systems</i> , <b>2019</b> , 163, 204-213	7.3	20
298	SDNFV-Based Dynamic Network Function Deployment: Model and Mechanism. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 93-96	3.8	19
297	An efficient manifold regularized sparse non-negative matrix factorization model for large-scale recommender systems on GPUs. <i>Information Sciences</i> , <b>2019</b> , 496, 464-484	7.7	19
296	Driver pattern identification over the gene co-expression of drug response in ovarian cancer by integrating high throughput genomics data. <i>Scientific Reports</i> , <b>2017</b> , 7, 16188	4.9	19
295	Learning non-cooperative game for load balancing under self-interested distributed environment. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 52, 376-386	7.5	19
294	Constant Time Boolean Matrix Multiplication on a Linear Array with a Reconfigurable Pipelined Bus System. <i>Journal of Supercomputing</i> , <b>1997</b> , 11, 391-403	2.5	19
293	Enabling Adaptive Routing Service Customization via the integration of SDN and NFV. <i>Journal of Network and Computer Applications</i> , <b>2017</b> , 93, 123-136	7.9	19
292	Achieving Secure, Universal, and Fine-Grained Query Results Verification for Secure Search Scheme Over Encrypted Cloud Data. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 9, 27-39	3.3	19
291	Multi-Objective VM Consolidation Based on Thresholds and Ant Colony System in Cloud Computing. <i>IEEE Access</i> , <b>2019</b> , 7, 53441-53453	3.5	18
290	FastRAQ: A Fast Approach to Range-Aggregate Queries in Big Data Environments. <i>IEEE Transactions on Cloud Computing</i> , <b>2015</b> , 3, 206-218	3.3	18
289	A Survey on Applications of Artificial Intelligence in Fighting Against COVID-19. <i>ACM Computing Surveys</i> , <b>2022</b> , 54, 1-32	13.4	18
288	An Efficiency-Boosting Client Selection Scheme for Federated Learning With Fairness Guarantee. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2020</b> , 1-1	3.7	18
287	Slow-movement particle swarm optimization algorithms for scheduling security-critical tasks in resource-limited mobile edge computing. <i>Future Generation Computer Systems</i> , <b>2020</b> , 112, 148-161	7.5	18
286	Minimizing Schedule Length of Energy Consumption Constrained Parallel Applications on Heterogeneous Distributed Systems <b>2016</b> ,		18
285	Energy-efficient ICN routing mechanism with QoS support. <i>Computer Networks</i> , <b>2018</b> , 131, 38-51	5.4	18
284	An Online and Scalable Model for Generalized Sparse Nonnegative Matrix Factorization in Industrial Applications on Multi-GPU. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 1-1	11.9	17
283	A resource-aware scheduling algorithm with reduced task duplication on heterogeneous computing systems. <i>Journal of Supercomputing</i> , <b>2014</b> , 68, 1347-1377	2.5	17
282	A cost-optimal parallel algorithm for the 0/1 knapsack problem and its performance on multicore CPU and GPU implementations. <i>Parallel Computing</i> , <b>2015</b> , 43, 27-42	1	17

281	Rethinking RAID-5 Data Layout for Better Scalability. <i>IEEE Transactions on Computers</i> , <b>2014</b> , 63, 2816-2828	2.5	17
280	Selection and replacement algorithms for memory performance improvement in Spark. <i>Concurrency Computation Practice and Experience</i> , <b>2016</b> , 28, 2473-2486	1.4	17
279	A high-performance CNN method for offline handwritten Chinese character recognition and visualization. <i>Soft Computing</i> , <b>2020</b> , 24, 7977-7987	3.5	17
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