

# Albert Y Zomaya

## List of Publications by Citations

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743  
papers

15,700  
citations

59  
h-index

98  
g-index

911  
ext. papers

19,812  
ext. citations

4  
avg, IF

7.37  
L-index

#	Paper	IF	Citations
743	A Survey of Clustering Algorithms for Big Data: Taxonomy and Empirical Analysis. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2014</b> , 2, 267-279	4.1	533
742	Energy efficient utilization of resources in cloud computing systems. <i>Journal of Supercomputing</i> , <b>2012</b> , 60, 268-280	2.5	388
741	A Taxonomy and Survey of Energy-Efficient Data Centers and Cloud Computing Systems. <i>Advances in Computers</i> , <b>2011</b> , 82, 47-111	2.9	382
740	Remote sensing big data computing: Challenges and opportunities. <i>Future Generation Computer Systems</i> , <b>2015</b> , 51, 47-60	7.5	312
739	A Review of Ensemble Methods in Bioinformatics. <i>Current Bioinformatics</i> , <b>2010</b> , 5, 296-308	4.7	284
738	Federated Learning over Wireless Networks: Optimization Model Design and Analysis <b>2019</b> ,		268
737	A parallel bi-objective hybrid metaheuristic for energy-aware scheduling for cloud computing systems. <i>Journal of Parallel and Distributed Computing</i> , <b>2011</b> , 71, 1497-1508	4.4	223
736	Energy Conscious Scheduling for Distributed Computing Systems under Different Operating Conditions. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2011</b> , 22, 1374-1381	3.7	220
735	Observations on using genetic algorithms for dynamic load-balancing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2001</b> , 12, 899-911	3.7	216
734	A survey and taxonomy on energy efficient resource allocation techniques for cloud computing systems. <i>Computing (Vienna/New York)</i> , <b>2016</b> , 98, 751-774	2.2	190
733	Edge Intelligence: The Confluence of Edge Computing and Artificial Intelligence. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 7457-7469	10.7	183
732	Computation Offloading for Service Workflow in Mobile Cloud Computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 3317-3329	3.7	177
731	Local information transfer as a spatiotemporal filter for complex systems. <i>Physical Review E</i> , <b>2008</b> , 77, 026110	2.4	170
730	Blockchain for smart communities: Applications, challenges and opportunities. <i>Journal of Network and Computer Applications</i> , <b>2019</b> , 144, 13-48	7.9	158
729	Energy-aware parallel task scheduling in a cluster. <i>Future Generation Computer Systems</i> , <b>2013</b> , 29, 1661-1670	6.3	147
728	Energy-efficient data replication in cloud computing datacenters. <i>Cluster Computing</i> , <b>2015</b> , 18, 385-402	2.1	135
727	An overview of energy efficiency techniques in cluster computing systems. <i>Cluster Computing</i> , <b>2013</b> , 16, 3-15	2.1	131

726	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
725	. <i>IEEE Transactions on Network and Service Management</i> , <b>2019</b> , 16, 924-935	4.8	119
724	<b>2018</b> , 56, 60-65		116
723	. <i>IT Professional</i> , <b>2015</b> , 17, 32-39	1.9	112
722	A Manifesto for Future Generation Cloud Computing. <i>ACM Computing Surveys</i> , <b>2019</b> , 51, 1-38	13.4	110
721	Local measures of information storage in complex distributed computation. <i>Information Sciences</i> , <b>2012</b> , 208, 39-54	7.7	104
720	Genetic scheduling for parallel processor systems: comparative studies and performance issues. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>1999</b> , 10, 795-812	3.7	103
719	Location of Things (LoT): A Review and Taxonomy of Sensors Localization in IoT Infrastructure. <i>IEEE Communications Surveys and Tutorials</i> , <b>2018</b> , 20, 2028-2061	37.1	101
718	An Efficient Privacy-Preserving Ranked Keyword Search Method. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 951-963	3.7	99
717	. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 395-404	4.3	98
716	<b>2009</b> ,		94
715	Information modification and particle collisions in distributed computation. <i>Chaos</i> , <b>2010</b> , 20, 037109	3.3	90
714	An overview of Channel Assignment methods for multi-radio multi-channel wireless mesh networks. <i>Journal of Parallel and Distributed Computing</i> , <b>2010</b> , 70, 505-524	4.4	90
713	pipsCloud: High performance cloud computing for remote sensing big data management and processing. <i>Future Generation Computer Systems</i> , <b>2018</b> , 78, 353-368	7.5	87
712	Robust Big Data Analytics for Electricity Price Forecasting in the Smart Grid. <i>IEEE Transactions on Big Data</i> , <b>2019</b> , 5, 34-45	3.2	87
711	An Industrial Network Intrusion Detection Algorithm Based on Multifeature Data Clustering Optimization Model. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 2063-2071	11.9	86
710	System modelling and performance evaluation of a three-tier Cloud of Things. <i>Future Generation Computer Systems</i> , <b>2017</b> , 70, 104-125	7.5	85
709	Tradeoffs Between Profit and Customer Satisfaction for Service Provisioning in the Cloud <b>2011</b> ,		84

708	Some observations on optimal frequency selection in DVFS-based energy consumption minimization. <i>Journal of Parallel and Distributed Computing</i> , <b>2011</b> , 71, 1154-1164	4.4	82
707	Optimal Decision Making for Big Data Processing at Edge-Cloud Environment: An SDN Perspective. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 778-789	11.9	82
706	Profit-driven scheduling for cloud services with data access awareness. <i>Journal of Parallel and Distributed Computing</i> , <b>2012</b> , 72, 591-602	4.4	80
705	Game-Theoretic Approach for Load Balancing in Computational Grids. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2008</b> , 19, 66-76	3.7	80
704	Forecasting yield by integrating agrarian factors and machine learning models: A survey. <i>Computers and Electronics in Agriculture</i> , <b>2018</b> , 155, 257-282	6.5	80
703	Mobility-Aware Service Composition in Mobile Communities. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 555-568	7.3	78
702	Remote Data Auditing in Cloud Computing Environments. <i>ACM Computing Surveys</i> , <b>2015</b> , 47, 1-34	13.4	77
701	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 6103-6113	11.9	76
700	Cellular automata computations and secret key cryptography. <i>Parallel Computing</i> , <b>2004</b> , 30, 753-766	1	76
699	A survey on resource allocation in high performance distributed computing systems. <i>Parallel Computing</i> , <b>2013</b> , 39, 709-736	1	74
698	Efficient allocation of resources in multiple heterogeneous Wireless Sensor Networks. <i>Journal of Parallel and Distributed Computing</i> , <b>2014</b> , 74, 1775-1788	4.4	73
697	Particle Swarm Optimization based dictionary learning for remote sensing big data. <i>Knowledge-Based Systems</i> , <b>2015</b> , 79, 43-50	7.3	72
696	Profit-Driven Service Request Scheduling in Clouds <b>2010</b> ,		69
695	Trends and challenges in cloud datacenters. <i>IEEE Cloud Computing</i> , <b>2014</b> , 1, 10-20		65
694	Quantitative comparisons of the state-of-the-art data center architectures. <i>Concurrency Computation Practice and Experience</i> , <b>2013</b> , 25, 1771-1783	1.4	64
693	Composition-Driven IoT Service Provisioning in Distributed Edges. <i>IEEE Access</i> , <b>2018</b> , 6, 54258-54269	3.5	64
692	Toward generating neural network structures for function approximation. <i>Neural Networks</i> , <b>1994</b> , 7, 89-99	9.1	63
691	An Efficient Data-Driven Clustering Technique to Detect Attacks in SCADA Systems. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2016</b> , 11, 893-906	8	62

690	Hybrid context enriched deep learning model for fine-grained sentiment analysis in textual and visual semiotic modality social data. <i>Information Processing and Management</i> , <b>2020</b> , 57, 102141	6.3	62
689	. <i>IEEE Transactions on Cloud Computing</i> , <b>2013</b> , 1, 1-1	3.3	61
688	Fast Adaptive Task Offloading in Edge Computing Based on Meta Reinforcement Learning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 32, 242-253	3.7	61
687	Assortative mixing in directed biological networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2012</b> , 9, 66-78	3	60
686	A comparison of three artificial life techniques for reporting cell planning in mobile computing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2003</b> , 14, 142-153	3.7	60
685	Federated Learning Over Wireless Networks: Convergence Analysis and Resource Allocation. <i>IEEE/ACM Transactions on Networking</i> , <b>2021</b> , 29, 398-409	3.8	60
684	Security Issues in Wireless Sensor Networks <b>2006</b> ,		59
683	Adaptive Energy-Aware Computation Offloading for Cloud of Things Systems. <i>IEEE Access</i> , <b>2017</b> , 5, 23947-23957	3.5	58
682	A survey on text mining in social networks. <i>Knowledge Engineering Review</i> , <b>2015</b> , 30, 157-170	2.1	56
681	Tensor-Based Big Data Management Scheme for Dimensionality Reduction Problem in Smart Grid Systems: SDN Perspective. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2018</b> , 30, 1985-1998	4.2	56
680	Circuit Copyright Blockchain: Blockchain-Based Homomorphic Encryption for IP Circuit Protection. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2020</b> , 1-1	4.1	55
679	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
678	OmniSuggest: A Ubiquitous Cloud-Based Context-Aware Recommendation System for Mobile Social Networks. <i>IEEE Transactions on Services Computing</i> , <b>2014</b> , 7, 401-414	4.8	55
677	Network Function Virtualization in Dynamic Networks: A Stochastic Perspective. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 2218-2232	14.2	55
676	Follow Me Fog: Toward Seamless Handover Timing Schemes in a Fog Computing Environment <b>2017</b> , 55, 72-78		53
675	Distributed anomaly detection for industrial wireless sensor networks based on fuzzy data modelling. <i>Journal of Parallel and Distributed Computing</i> , <b>2013</b> , 73, 790-806	4.4	53
674	A balanced scheduler with data reuse and replication for scientific workflows in cloud computing systems. <i>Future Generation Computer Systems</i> , <b>2017</b> , 74, 168-178	7.5	52
673	Profiling-Based Workload Consolidation and Migration in Virtualized Data Centers. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 878-890	3.7	52

672	Local assortativeness in scale-free networks. <i>Europhysics Letters</i> , <b>2008</b> , 84, 28002	1.6	52
671	Resource-efficient workflow scheduling in clouds. <i>Knowledge-Based Systems</i> , <b>2015</b> , 80, 153-162	7.3	51
670	Sample Subset Optimization Techniques for Imbalanced and Ensemble Learning Problems in Bioinformatics Applications. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 445-55	10.2	51
669	Rendezvous based routing protocol for wireless sensor networks with mobile sink. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 1168-1188	2.5	51
668	A Parallel File System with Application-Aware Data Layout Policies for Massive Remote Sensing Image Processing in Digital Earth. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 1497-1508	3.7	50
667	A Bee Colony based optimization approach for simultaneous job scheduling and data replication in grid environments. <i>Computers and Operations Research</i> , <b>2013</b> , 40, 1564-1578	4.6	50
666	Rescheduling for reliable job completion with the support of clouds. <i>Future Generation Computer Systems</i> , <b>2010</b> , 26, 1192-1199	7.5	50
665	Practical Scheduling of Bag-of-Tasks Applications on Grids with Dynamic Resilience. <i>IEEE Transactions on Computers</i> , <b>2007</b> , 56, 815-825	2.5	50
664	Reinforcement learning in sustainable energy and electric systems: a survey. <i>Annual Reviews in Control</i> , <b>2020</b> , 49, 145-163	10.3	49
663	CA-DAG: Modeling Communication-Aware Applications for Scheduling in Cloud Computing. <i>Journal of Grid Computing</i> , <b>2016</b> , 14, 23-39	4.2	49
662	A Web Platform for Interconnecting Body Sensors and Improving Health Care. <i>Procedia Computer Science</i> , <b>2014</b> , 40, 135-142	1.6	49
661	Performance and Energy Efficiency Metrics for Communication Systems of Cloud Computing Data Centers. <i>IEEE Transactions on Cloud Computing</i> , <b>2017</b> , 5, 738-750	3.3	48
660	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2003</b> , 14, 13-26	3.7	48
659	Throughput of Infrastructure-Based Cooperative Vehicular Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2017</b> , 18, 2964-2979	6.1	47
658	Temporal Convolutional Networks for the Advance Prediction of ENSO. <i>Scientific Reports</i> , <b>2020</b> , 10, 80554.9	4.9	47
657	GA-ETI: An enhanced genetic algorithm for the scheduling of scientific workflows in cloud environments. <i>Journal of Computational Science</i> , <b>2018</b> , 26, 318-331	3.4	47
656	A Cooperative Game Framework for QoS Guided Job Allocation Schemes in Grids. <i>IEEE Transactions on Computers</i> , <b>2008</b> , 57, 1413-1422	2.5	47
655	Towards Accurate Prediction for High-Dimensional and Highly-Variable Cloud Workloads with Deep Learning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2020</b> , 31, 923-934	3.7	47

654	The Next Grand Challenges: Integrating the Internet of Things and Data Science. <i>IEEE Cloud Computing</i> , <b>2018</b> , 5, 12-26		46
653	Optimal Application Deployment in Resource Constrained Distributed Edges. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 20, 1907-1923	4.6	45
652	On Enabling Sustainable Edge Computing with Renewable Energy Resources <b>2018</b> , 56, 94-101		45
651	Task-Tree Based Large-Scale Mosaicking for Massive Remote Sensed Imageries with Dynamic DAG Scheduling. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 2126-2137	3.7	44
650	Multiprocessor scheduling and rescheduling with use of cellular automata and artificial immune system support. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2006</b> , 17, 253-262	3.7	44
649	Cloud Log Forensics. <i>ACM Computing Surveys</i> , <b>2016</b> , 49, 1-42	13.4	44
648	Profiling Applications for Virtual Machine Placement in Clouds <b>2011</b> ,		43
647	En-ABC: An ensemble artificial bee colony based anomaly detection scheme for cloud environment. <i>Journal of Parallel and Distributed Computing</i> , <b>2020</b> , 135, 219-233	4.4	43
646	Cost Minimization for Rule Caching in Software Defined Networking. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 1007-1016	3.7	42
645	Traffic-Aware Geo-Distributed Big Data Analytics with Predictable Job Completion Time. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2017</b> , 28, 1785-1796	3.7	42
644	The Pagerank-Index: Going beyond Citation Counts in Quantifying Scientific Impact of Researchers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134794	3.7	42
643	H-PARAFAC: Hierarchical Parallel Factor Analysis of Multidimensional Big Data. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2017</b> , 28, 1091-1104	3.7	41
642	Linear Combinations of DVFS-Enabled Processor Frequencies to Modify the Energy-Aware Scheduling Algorithms <b>2010</b> ,		41
641	Artificial life techniques for load balancing in computational grids. <i>Journal of Computer and System Sciences</i> , <b>2007</b> , 73, 1176-1190	1	41
640	Economical and Balanced Energy Usage in the Smart Home Infrastructure: A Tutorial and New Results. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2015</b> , 3, 556-570	4.1	40
639	Survey on Grid Resource Allocation Mechanisms. <i>Journal of Grid Computing</i> , <b>2014</b> , 12, 399-441	4.2	40
638	Cooperative power-aware scheduling in grid computing environments. <i>Journal of Parallel and Distributed Computing</i> , <b>2010</b> , 70, 84-91	4.4	40
637	A Dynamic Programming Algorithm for Leveraging Probabilistic Detection of Energy Theft in Smart Home. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2015</b> , 3, 502-513	4.1	38

636	Building a Sustainable Internet of Things: Energy-Efficient Routing Using Low-Power Sensors Will Meet the Need. <i>IEEE Consumer Electronics Magazine</i> , <b>2018</b> , 7, 42-49	3.2	38
635	Ubiquitous Localization (UbiLoc): A Survey and Taxonomy on Device Free Localization for Smart World. <i>IEEE Communications Surveys and Tutorials</i> , <b>2019</b> , 21, 3532-3564	37.1	36
634	Parallel Simulation of Complex Evacuation Scenarios with Adaptive Agent Models. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 847-857	3.7	36
633	Auditing Big Data Storage in Cloud Computing Using Divide and Conquer Tables. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2018</b> , 29, 999-1012	3.7	36
632	Adaptive Resource Allocation and Provisioning in Multi-Service Cloud Environments. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2018</b> , 29, 31-42	3.7	36
631	Energy efficient genetic-based schedulers in computational grids. <i>Concurrency Computation Practice and Experience</i> , <b>2015</b> , 27, 809-829	1.4	36
630	Security, energy, and performance-aware resource allocation mechanisms for computational grids. <i>Future Generation Computer Systems</i> , <b>2014</b> , 31, 77-92	7.5	36
629	Towards secure and practical consensus for blockchain based VANET. <i>Information Sciences</i> , <b>2021</b> , 545, 170-187	7.7	36
628	Distributed Segment-Based Anomaly Detection With Kullback-Leibler Divergence in Wireless Sensor Networks. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2017</b> , 12, 101-110	8	35
627	Evolutionary Scheduling of Dynamic Multitasking Workloads for Big-Data Analytics in Elastic Cloud. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2014</b> , 2, 338-351	4.1	35
626	A localized algorithm for Structural Health Monitoring using wireless sensor networks. <i>Information Fusion</i> , <b>2014</b> , 15, 114-129	16.7	35
625	A dynamic tradeoff data processing framework for delay-sensitive applications in Cloud of Things systems. <i>Journal of Parallel and Distributed Computing</i> , <b>2018</b> , 112, 53-66	4.4	34
624	. <i>IEEE Cloud Computing</i> , <b>2016</b> , 3, 58-64		34
623	Toward Mobile Service Computing: Opportunities and Challenges. <i>IEEE Cloud Computing</i> , <b>2016</b> , 3, 32-41		34
622	RBT-GA: a novel metaheuristic for solving the Multiple Sequence Alignment problem. <i>BMC Genomics</i> , <b>2009</b> , 10 Suppl 1, S10	4.5	34
621	Energy-efficient VM-placement in cloud data center. <i>Sustainable Computing: Informatics and Systems</i> , <b>2018</b> , 20, 48-55	3	33
620	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 2670-2682	3.7	33
619	Green Data Center Networks: Challenges and Opportunities <b>2013</b> ,		33



618	A particle swarm based hybrid system for imbalanced medical data sampling. <i>BMC Genomics</i> , <b>2009</b> , 10 Suppl 3, S34	4.5	33
617	A multi-filter enhanced genetic ensemble system for gene selection and sample classification of microarray data. <i>BMC Bioinformatics</i> , <b>2010</b> , 11 Suppl 1, S5	3.6	33
616	A Survey of Mobile Device Virtualization. <i>ACM Computing Surveys</i> , <b>2016</b> , 49, 1-36	13.4	33
615	CASpMV: A Customized and Accelerative SpMV Framework for the Sunway TaihuLight. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 32, 131-146	3.7	33
614	Bayesian tensor factorization for multi-way analysis of multi-dimensional EEG. <i>Neurocomputing</i> , <b>2018</b> , 318, 162-174	5.4	33
613	Uplink Performance Analysis of Dense Cellular Networks With LoS and NLoS Transmissions. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 2601-2613	9.6	32
612	Green Data-Collection From Geo-Distributed IoT Networks Through Low-Earth-Orbit Satellites. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2019</b> , 3, 806-816	4	32
611	Energy trading with dynamic pricing for electric vehicles in a smart city environment. <i>Journal of Parallel and Distributed Computing</i> , <b>2019</b> , 127, 169-183	4.4	32
610	Ensemble-Based Wrapper Methods for Feature Selection and Class Imbalance Learning. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 544-555	0.9	32
609	. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2017</b> , 5, 120-133	4.1	32
608	Coherent information structure in complex computation. <i>Theory in Biosciences</i> , <b>2012</b> , 131, 193-203	1.3	32
607	A Novel State Transition Method for Metaheuristic-Based Scheduling in Heterogeneous Computing Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2008</b> , 19, 1215-1223	3.7	32
606	Intelligent VNF Orchestration and Flow Scheduling via Model-Assisted Deep Reinforcement Learning. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2020</b> , 38, 279-291	14.2	32
605	Performance analysis of data intensive cloud systems based on data management and replication: a survey. <i>Distributed and Parallel Databases</i> , <b>2016</b> , 34, 179-215	0.9	31
604	Utilization-prediction-aware virtual machine consolidation approach for energy-efficient cloud data centers. <i>Journal of Parallel and Distributed Computing</i> , <b>2020</b> , 139, 99-109	4.4	31
603	Sequential and parallel cellular automata-based scheduling algorithms. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2002</b> , 13, 1009-1023	3.7	31
602	TBRS: A trust based recommendation scheme for vehicular CPS network. <i>Future Generation Computer Systems</i> , <b>2019</b> , 92, 383-398	7.5	31
601	A Dimension Reduction Model and Classifier for Anomaly-Based Intrusion Detection in Internet of Things <b>2017</b> ,		30

600	Local assortativity and growth of Internet. <i>European Physical Journal B</i> , <b>2009</b> , 70, 275-285	1.2	30
599	Machine Learning Techniques for Protein Secondary Structure Prediction:An Overview and Evaluation. <i>Current Bioinformatics</i> , <b>2008</b> , 3, 74-86	4.7	30
598	A Systematic Review of Shared Sensor Networks. <i>ACM Computing Surveys</i> , <b>2016</b> , 48, 1-50	13.4	29
597	Assortativeness and information in scale-free networks. <i>European Physical Journal B</i> , <b>2009</b> , 67, 291-300	1.2	29
596	A genetic algorithm for finding optimal location area configurations for mobility management <b>2005</b>		29
595	Stackelberg Game for Energy-Aware Resource Allocation to Sustain Data Centers Using RES. <i>IEEE Transactions on Cloud Computing</i> , <b>2019</b> , 7, 1109-1123	3.3	29
594	Collaboration- and Fairness-Aware Big Data Management in Distributed Clouds. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 1941-1953	3.7	28
593	Fairness-Aware Dynamic Rate Control and Flow Scheduling for Network Utility Maximization in Network Service Chain. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 1059-1071	14.2	28
592	An optimal and stable feature selection approach for traffic classification based on multi-criterion fusion. <i>Future Generation Computer Systems</i> , <b>2014</b> , 36, 156-169	7.5	28
591	Spatiotemporal Fusion of MODIS and Landsat-7 Reflectance Images via Compressed Sensing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 7126-7139	8.1	28
590	Adaptive multiple-workflow scheduling with task rearrangement. <i>Journal of Supercomputing</i> , <b>2015</b> , 71, 1297-1317	2.5	28
589	A parallel simulated annealing algorithm with low communication overhead. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>1995</b> , 6, 1226-1233	3.7	28
588	Adaptive model-based control using neural networks. <i>International Journal of Control</i> , <b>1994</b> , 60, 1163-1183	10.3	28
587	. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 910-921	4.3	27
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