

# Laurence T Yang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

670

papers

15,035

citations

63

h-index

97

g-index

784

ext. papers

18,594

ext. citations

4.9

avg, IF

7.43

L-index

#	Paper	IF	Citations
670	A survey on deep learning for big data. <i>Information Fusion</i> , <b>2018</b> , 42, 146-157	16.7	565
669	A Cloud-Edge Computing Framework for Cyber-Physical-Social Services. <i>IEEE Communications Magazine</i> , <b>2017</b> , 55, 80-85	9.1	462
668	Data Mining for Internet of Things: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2014</b> , 16, 77-97	37.1	382
667	Context-aware vehicular cyber-physical systems with cloud support: architecture, challenges, and solutions <b>2014</b> , 52, 106-113		262
666	. <i>IEEE Internet of Things Journal</i> , <b>2016</b> , 3, 428-438	10.7	209
665	Privacy Preserving Deep Computation Model on Cloud for Big Data Feature Learning. <i>IEEE Transactions on Computers</i> , <b>2016</b> , 65, 1351-1362	2.5	150
664	A Scalable Two-Phase Top-Down Specialization Approach for Data Anonymization Using MapReduce on Cloud. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 363-373	3.7	146
663	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2009</b> , 27, 495-509	14.2	142
662	. <i>IEEE Systems Journal</i> , <b>2016</b> , 10, 1226-1235	4.3	133
661	Deep-Learning-Enhanced Human Activity Recognition for Internet of Healthcare Things. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 6429-6438	10.7	131
660	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 2234-2244	3.7	131
659	Real-Time Tasks Oriented Energy-Aware Scheduling in Virtualized Clouds. <i>IEEE Transactions on Cloud Computing</i> , <b>2014</b> , 2, 168-180	3.3	131
658	Deep Convolutional Computation Model for Feature Learning on Big Data in Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 790-798	11.9	130
657	Cyberentity Security in the Internet of Things. <i>Computer</i> , <b>2013</b> , 46, 46-53	1.6	129
656	CloudThings: A common architecture for integrating the Internet of Things with Cloud Computing <b>2013</b> ,		124
655	Efficient and Privacy-Preserving Data Aggregation Scheme for Smart Grid Against Internal Adversaries. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 2411-2419	10.7	124
654	TPGF: geographic routing in wireless multimedia sensor networks. <i>Telecommunication Systems</i> , <b>2010</b> , 44, 79-95	2.3	116

653	A Tensor-Based Approach for Big Data Representation and Dimensionality Reduction. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2014</b> , 2, 280-291	4.1	115
652	UAV-Empowered Edge Computing Environment for Cyber-Threat Detection in Smart Vehicles. <i>IEEE Network</i> , <b>2018</b> , 32, 42-51	11.4	112
651	An Incremental CFS Algorithm for Clustering Large Data in Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 1193-1201	11.9	110
650	A Tensor-Based Big-Data-Driven Routing Recommendation Approach for Heterogeneous Networks. <i>IEEE Network</i> , <b>2019</b> , 33, 64-69	11.4	108
649	An Efficient Deep Learning Model to Predict Cloud Workload for Industry Informatics. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3170-3178	11.9	106
648	Nodes organization for channel assignment with topology preservation in multi-radio wireless mesh networks. <i>Ad Hoc Networks</i> , <b>2012</b> , 10, 760-773	4.8	106
647	Cybermatics: Cyberphysicalsocialthinking hyperspace based science and technology. <i>Future Generation Computer Systems</i> , <b>2016</b> , 56, 504-522	7.5	98
646	Indoor smartphone localization via fingerprint crowdsourcing: challenges and approaches. <i>IEEE Wireless Communications</i> , <b>2016</b> , 23, 82-89	13.4	96
645	Trust-Based Communication for the Industrial Internet of Things <b>2018</b> , 56, 16-22		91
644	Phone2Cloud: Exploiting computation offloading for energy saving on smartphones in mobile cloud computing. <i>Information Systems Frontiers</i> , <b>2014</b> , 16, 95-111	4	90
643	A survey on data fusion in internet of things: Towards secure and privacy-preserving fusion. <i>Information Fusion</i> , <b>2019</b> , 51, 129-144	16.7	90
642	A survey on communication and data management issues in mobile sensor networks. <i>Wireless Communications and Mobile Computing</i> , <b>2014</b> , 14, 19-36	1.9	89
641	A kernel machine-based secure data sensing and fusion scheme in wireless sensor networks for the cyber-physical systems. <i>Future Generation Computer Systems</i> , <b>2016</b> , 61, 85-96	7.5	87
640	Balance of security strength and energy for a PMU monitoring system in smart grid. <i>IEEE Communications Magazine</i> , <b>2012</b> , 50, 142-149	9.1	87
639	Towards a smart world and ubiquitous intelligence: A walkthrough from smart things to smart hyperspaces and UbiKids. <i>International Journal of Pervasive Computing and Communications</i> , <b>2005</b> , 1, 53-68	3.3	87
638	. <i>IEEE Transactions on Smart Grid</i> , <b>2012</b> , 3, 1722-1733	10.7	86
637	LSCD: A Low-Storage Clone Detection Protocol for Cyber-Physical Systems. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2016</b> , 35, 712-723	2.5	84
636	A survey: Cyber-physical-social systems and their system-level design methodology. <i>Future Generation Computer Systems</i> , <b>2020</b> , 105, 1028-1042	7.5	82

635	High-order possibilistic c-means algorithms based on tensor decompositions for big data in IoT. <i>Information Fusion</i> , <b>2018</b> , 39, 72-80	16.7	81
634	. <i>IEEE Transactions on Big Data</i> , <b>2018</b> , 4, 325-340	3.2	81
633	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2014</b> , 9, 208-220	8	80
632	. <i>IEEE Transactions on Multimedia</i> , <b>2013</b> , 15, 811-820	6.6	80
631	An Adaptive Dropout Deep Computation Model for Industrial IoT Big Data Learning With Crowdsourcing to Cloud Computing. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 2330-2337	11.9	78
630	Green Communication in Energy Renewable Wireless Mesh Networks: Routing, Rate Control, and Power Allocation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 3211-3220	3.7	76
629	An Intelligent Information Forwarder for Healthcare Big Data Systems With Distributed Wearable Sensors. <i>IEEE Systems Journal</i> , <b>2016</b> , 10, 1147-1159	4.3	74
628	A Novel Sensory Data Processing Framework to Integrate Sensor Networks With Mobile Cloud. <i>IEEE Systems Journal</i> , <b>2016</b> , 10, 1125-1136	4.3	74
627	PPHOPCM: Privacy-preserving High-order Possibilistic c-Means Algorithm for Big Data Clustering with Cloud Computing. <i>IEEE Transactions on Big Data</i> , <b>2017</b> , 1-1	3.2	73
626	Security-aware optimization for ubiquitous computing systems with SEAT graph approach. <i>Journal of Computer and System Sciences</i> , <b>2013</b> , 79, 518-529	1	72
625	Fault-Tolerant Scheduling for Real-Time Scientific Workflows with Elastic Resource Provisioning in Virtualized Clouds. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 3501-3517	3.7	71
624	Energy-Efficient Scheduling for Real-Time Systems Based on Deep Q-Learning Model. <i>IEEE Transactions on Sustainable Computing</i> , <b>2019</b> , 4, 132-141	3.5	71
623	Multicloud-Based Evacuation Services for Emergency Management. <i>IEEE Cloud Computing</i> , <b>2014</b> , 1, 50-59		70
622	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2015</b> , 10, 118-131	8	69
621	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 657-667	3.7	69
620	<b>2017</b> , 55, 24-30		68
619	Internet Traffic Classification Using Constrained Clustering. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 2932-2943	3.7	67
618	Using Multi-Modal Semantic Association Rules to fuse keywords and visual features automatically for Web image retrieval. <i>Information Fusion</i> , <b>2011</b> , 12, 223-230	16.7	67

617	MVCWalker: Random Walk-Based Most Valuable Collaborators Recommendation Exploiting Academic Factors. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2014</b> , 2, 364-375	4.1	66
616	Thermal-aware task scheduling in 3D chip multiprocessor with real-time constrained workloads. <i>Transactions on Embedded Computing Systems</i> , <b>2013</b> , 12, 1-22	1.8	66
615	Collaborative Location-Based Sleep Scheduling for Wireless Sensor Networks Integrated with Mobile Cloud Computing. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 1844-1856	2.5	65
614	Static Security Optimization for Real-Time Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2009</b> , 5, 22-37	11.9	65
613	Data Exfiltration From Internet of Things Devices: iOS Devices as Case Studies. <i>IEEE Internet of Things Journal</i> , <b>2017</b> , 4, 524-535	10.7	64
612	A personalized hashtag recommendation approach using LDA-based topic model in microblog environment. <i>Future Generation Computer Systems</i> , <b>2016</b> , 65, 196-206	7.5	64
611	Rich Mobile Applications: Genesis, taxonomy, and open issues. <i>Journal of Network and Computer Applications</i> , <b>2014</b> , 40, 345-362	7.9	64
610	A Distributed HOSVD Method With Its Incremental Computation for Big Data in Cyber-Physical-Social Systems. <i>IEEE Transactions on Computational Social Systems</i> , <b>2018</b> , 5, 481-492	4.5	64
609	Anomaly secure detection methods by analyzing dynamic characteristics of the network traffic in cloud communications. <i>Information Sciences</i> , <b>2014</b> , 258, 403-415	7.7	63
608	Data Allocation for Hybrid Memory With Genetic Algorithm. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2015</b> , 3, 544-555	4.1	62
607	. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 452-463	2.5	62
606	Privacy-Preserving Double-Projection Deep Computation Model With Crowdsourcing on Cloud for Big Data Feature Learning. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 2896-2903	10.7	62
605	Defending ONOFF Attacks Using Light Probing Messages in Smart Sensors for Industrial Communication Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3801-3811	11.9	62
604	Mobile agent-based energy-aware and user-centric data collection in wireless sensor networks. <i>Computer Networks</i> , <b>2014</b> , 74, 58-70	5.4	62
603	A Double Deep Q-Learning Model for Energy-Efficient Edge Scheduling. <i>IEEE Transactions on Services Computing</i> , <b>2019</b> , 12, 739-749	4.8	62
602	Itinerary Planning for Energy-Efficient Agent Communications in Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 3290-3299	6.8	61
601	Dynamic and Leakage Energy Minimization With Soft Real-Time Loop Scheduling and Voltage Assignment. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , <b>2010</b> , 18, 501-504	2.6	61
600	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2010</b> , 21, 1254-1266	3.7	61

599	Original Symbol Phase Rotated Secure Transmission Against Powerful Massive MIMO Eavesdropper. <i>IEEE Access</i> , <b>2016</b> , 4, 3016-3025	3.5	61
598	Toward Big Data in Green City <b>2017</b> , 55, 14-18		60
597	<b>2017</b> , 55, 176-182		59
596	A sustainable heuristic QoS routing algorithm for pervasive multi-layered satellite wireless networks. <i>Wireless Networks</i> , <b>2010</b> , 16, 1657-1673	2.5	59
595	\$K\$-Clique Community Detection in Social Networks Based on Formal Concept Analysis. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 250-259	4.3	57
594	A novel self-tuning feedback controller for active queue management supporting TCP flows. <i>Information Sciences</i> , <b>2010</b> , 180, 2249-2263	7.7	56
593	FESTAL: Fault-Tolerant Elastic Scheduling Algorithm for Real-Time Tasks in Virtualized Clouds. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 2545-2558	2.5	54
592	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2015</b> , 26, 241-251	3.7	52
591	NQA. <i>Transactions on Embedded Computing Systems</i> , <b>2019</b> , 18, 1-21	1.8	51
590	Security Analysis and Improvement of a Secure and Distributed Reprogramming Protocol for Wireless Sensor Networks. <i>IEEE Transactions on Industrial Electronics</i> , <b>2013</b> , 60, 5348-5354	8.9	51
589	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 2442-2452	14.2	51
588	Deep Computation Model for Unsupervised Feature Learning on Big Data. <i>IEEE Transactions on Services Computing</i> , <b>2015</b> , 1-1	4.8	51
587	ADTT: A Highly Efficient Distributed Tensor-Train Decomposition Method for IIoT Big Data. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 1573-1582	11.9	51
586	MobiFuzzyTrust: An Efficient Fuzzy Trust Inference Mechanism in Mobile Social Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 2944-2955	3.7	50
585	Energy minimization with loop fusion and multi-functional-unit scheduling for multidimensional DSP. <i>Journal of Parallel and Distributed Computing</i> , <b>2008</b> , 68, 443-455	4.4	50
584	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 6346-6355	8.9	49
583	Searching in Internet of Things: Vision and Challenges <b>2011</b> ,		49
582	Data fusion in cyber-physical-social systems: State-of-the-art and perspectives. <i>Information Fusion</i> , <b>2019</b> , 51, 42-57	16.7	49

581	Trace malicious source to guarantee cyber security for mass monitor critical infrastructure. <i>Journal of Computer and System Sciences</i> , <b>2018</b> , 98, 1-26	1	48
580	An Efficient Approach to Generating Location-Sensitive Recommendations in Ad-hoc Social Network Environments. <i>IEEE Transactions on Services Computing</i> , <b>2015</b> , 8, 520-533	4.8	48
579	Enabling Cloud Computing in Emergency Management Systems. <i>IEEE Cloud Computing</i> , <b>2014</b> , 1, 60-67		48
578	Connectivity and coverage maintenance in wireless sensor networks. <i>Journal of Supercomputing</i> , <b>2010</b> , 52, 23-46	2.5	48
577	Analytical Model for Sybil Attack Phases in Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 379-387	10.7	45
576	A Tensor-Based Big Service Framework for Enhanced Living Environments. <i>IEEE Cloud Computing</i> , <b>2016</b> , 3, 36-43		45
575	Data fusion based coverage optimization in heterogeneous sensor networks: A survey. <i>Information Fusion</i> , <b>2019</b> , 52, 90-105	16.7	45
574	. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 941-950	4.3	44
573	Confident Information Coverage Hole Healing in Hybrid Industrial Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 2220-2229	11.9	44
572	Context-aware cross-layer optimized video streaming in wireless multimedia sensor networks. <i>Journal of Supercomputing</i> , <b>2010</b> , 54, 94-121	2.5	44
571	Toward Offering More Useful Data Reliably to Mobile Cloud From Wireless Sensor Network. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2015</b> , 3, 84-94	4.1	43
570	Adaptive GTS allocation in IEEE 802.15.4 for real-time wireless sensor networks. <i>Journal of Systems Architecture</i> , <b>2013</b> , 59, 1231-1242	5.5	43
569	LSTM and Edge Computing for Big Data Feature Recognition of Industrial Electrical Equipment. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 2469-2477	11.9	43
568	From Internet to Smart World. <i>IEEE Access</i> , <b>2015</b> , 3, 1994-1999	3.5	42
567	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 302-312	11.9	41
566	Forensic investigation of P2P cloud storage services and backbone for IoT networks: BitTorrent Sync as a case study. <i>Computers and Electrical Engineering</i> , <b>2017</b> , 58, 350-363	4.3	41
565	<b>2013</b> ,		41
564	Performance Analysis of Hybrid Wireless Networks Under Bursty and Correlated Traffic. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 449-454	6.8	40



563	An Adaptive CU Size Decision Algorithm for HEVC Intra Prediction Based on Complexity Classification Using Machine Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2019</b> , 29, 144-155	6.4	40
562	Multipath Cooperative Routing with Efficient Acknowledgement for LEO Satellite Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2019</b> , 18, 179-192	4.6	40
561	A Distributed Tensor-Train Decomposition Method for Cyber-Physical-Social Services. <i>ACM Transactions on Cyber-Physical Systems</i> , <b>2019</b> , 3, 1-15	2.3	39
560	Cloud-Based Mobile Multimedia Recommendation System With User Behavior Information. <i>IEEE Systems Journal</i> , <b>2014</b> , 8, 184-193	4.3	39
559	A privacy-preserving high-order neuro-fuzzy c-means algorithm with cloud computing. <i>Neurocomputing</i> , <b>2017</b> , 256, 82-89	5.4	37
558	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 1188-1200	6.8	37
557	Response time optimization for cloudlets in Mobile Edge Computing. <i>Journal of Parallel and Distributed Computing</i> , <b>2018</b> , 119, 81-91	4.4	37
556	Real-Time Dynamic Voltage Loop Scheduling for Multi-Core Embedded Systems. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>2007</b> , 54, 445-449		37
555	An Incremental Deep Convolutional Computation Model for Feature Learning on Industrial Big Data. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 1341-1349	11.9	37
554	Privacy-Preserving Tensor Decomposition Over Encrypted Data in a Federated Cloud Environment. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 17, 857-868	3.9	37
553	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2015</b> , 62, 1317-1328	8.9	36
552	A Tensor Computation and Optimization Model for Cyber-Physical-Social Big Data. <i>IEEE Transactions on Sustainable Computing</i> , <b>2019</b> , 4, 326-339	3.5	36
551	Intelligent Small Object Detection Based on Digital Twinning for Smart Manufacturing in Industrial CPS. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	36
550	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2013</b> , 24, 1321-1330	3.7	35
549	Confident information coverage in sensor networks for field reconstruction. <i>IEEE Wireless Communications</i> , <b>2013</b> , 20, 74-81	13.4	35
548	Scalable and efficient key management for heterogeneous sensor networks. <i>Journal of Supercomputing</i> , <b>2008</b> , 45, 44-65	2.5	35
547	Towards dynamic real-time scheduling for multiple earth observation satellites. <i>Journal of Computer and System Sciences</i> , <b>2015</b> , 81, 110-124	1	34
546	A Review of Key Issues That Concern the Feasibility of Mobile Cloud Computing <b>2013</b> ,		34



545	Resource requests prediction in the cloud computing environment with a deep belief network. <i>Software - Practice and Experience</i> , <b>2017</b> , 47, 473-488	2.5	34
544	ANGEL: Agent-Based Scheduling for Real-Time Tasks in Virtualized Clouds. <i>IEEE Transactions on Computers</i> , <b>2015</b> , 64, 3389-3403	2.5	34
543	Synchronization-Aware Energy Management for VFI-Based Multicore Real-Time Systems. <i>IEEE Transactions on Computers</i> , <b>2012</b> , 61, 1682-1696	2.5	34
542	A Tensor-Based Multiattributes Visual Feature Recognition Method for Industrial Intelligence. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 2231-2241	11.9	34
541	. <i>IEEE Transactions on Cloud Computing</i> , <b>2018</b> , 6, 915-928	3.3	33
540	An algorithm for accuracy enhancement of license plate recognition. <i>Journal of Computer and System Sciences</i> , <b>2013</b> , 79, 245-255	1	32
539	Multi-UAV Cooperative Localization for Marine Targets Based on Weighted Subspace Fitting in SAGIN Environment. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	32
538	Safety Challenges and Solutions in Mobile Social Networks. <i>IEEE Systems Journal</i> , <b>2015</b> , 9, 834-854	4.3	31
537	A Tensor-Train Deep Computation Model for Industry Informatics Big Data Feature Learning. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3197-3204	11.9	31
536	Secure Data Collection, Storage and Access in Cloud-Assisted IoT. <i>IEEE Cloud Computing</i> , <b>2018</b> , 5, 77-88		31
535	Dynamic Scheduling for Emergency Tasks on Distributed Imaging Satellites with Task Merging. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 2275-2285	3.7	31
534	A review of the smart world. <i>Future Generation Computer Systems</i> , <b>2019</b> , 96, 678-691	7.5	31
533	An Improved Stacked Auto-Encoder for Network Traffic Flow Classification. <i>IEEE Network</i> , <b>2018</b> , 32, 22-27	1.4	31
532	Detecting Confident Information Coverage Holes in Industrial Internet of Things: An Energy-Efficient Perspective. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 68-73	9.1	31
531	Joint Relay Scheduling, Channel Access, and Power Allocation for Green Cognitive Radio Communications. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 922-932	14.2	30
530	Minimum Cost Placement of Bistatic Radar Sensors for Belt Barrier Coverage. <i>IEEE Transactions on Computers</i> , <b>2016</b> , 65, 577-588	2.5	29
529	Indoor positioning via subarea fingerprinting and surface fitting with received signal strength. <i>Pervasive and Mobile Computing</i> , <b>2015</b> , 23, 43-58	3.5	29
528	Exploiting Social Relationship to Enable Efficient Replica Allocation in Ad-hoc Social Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2014</b> , 25, 3167-3176	3.7	29

527	Detecting k-Balanced Trusted Cliques in Signed Social Networks. <i>IEEE Internet Computing</i> , <b>2014</b> , 18, 24-31.4	28
526	An Optimized Computational Model for Multi-Community-Cloud Social Collaboration. <i>IEEE Transactions on Services Computing</i> , <b>2014</b> , 7, 346-358	4.8 28
525	A Tucker Deep Computation Model for Mobile Multimedia Feature Learning. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2017</b> , 13, 1-18	3.4 28
524	A Data-Driven Approach of Product Quality Prediction for Complex Production Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 6457-6465	11.9 28
523	An Improved Deep Computation Model Based on Canonical Polyadic Decomposition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1657-1666	7.3 27
522	. <i>IEEE Network</i> , <b>2016</b> , 30, 30-35	11.4 27
521	Optimal data fusion of collaborative spectrum sensing under attack in cognitive radio networks. <i>IEEE Network</i> , <b>2014</b> , 28, 17-23	11.4 27
520	Scheduling Co-Design for Reliability and Energy in Cyber-Physical Systems. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2013</b> , 1, 353-365	4.1 27
519	A Multi-Order Distributed HOSVD with Its Incremental Computing for Big Services in Cyber-Physical-Social Systems. <i>IEEE Transactions on Big Data</i> , <b>2020</b> , 6, 666-678	3.2 27
518	A High-Order Possibilistic $\mathcal{F}\mathcal{C}\mathcal{S}$ -Means Algorithm for Clustering Incomplete Multimedia Data. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 2160-2169	4.3 26
517	Confident information coverage hole detection in sensor networks for uranium tailing monitoring. <i>Journal of Parallel and Distributed Computing</i> , <b>2018</b> , 118, 57-66	4.4 26
516	Integrating the enriched feature with machine learning algorithms for human movement and fall detection. <i>Journal of Supercomputing</i> , <b>2014</b> , 67, 854-865	2.5 26
515	A trajectory-based recruitment strategy of social sensors for participatory sensing <b>2014</b> , 52, 41-47	26
514	Convolutional neural networks for medical image analysis: State-of-the-art, comparisons, improvement and perspectives. <i>Neurocomputing</i> , <b>2021</b> , 444, 92-110	5.4 26
513	Secure weighted possibilistic c-means algorithm on cloud for clustering big data. <i>Information Sciences</i> , <b>2019</b> , 479, 515-525	7.7 26
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