

Laurence T Yang

List of Publications by Year in Descending Order

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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	TT-TSVD: A Multi-modal Tensor Train Decomposition with Its Application in Convolutional Neural Networks for Smart Healthcare. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2022 , 18, 1-17	3.4	0
669	Differentially Private Tripartite Intelligent Matching Against Inference Attacks in Ride-Sharing Services. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-13	6.1	2
668	CRB Weighted Source Localization Method Based on Deep Neural Networks in Multi-UAV Network. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	8
667	Feature Extraction of High-dimensional Data Based on J-HOSVD for Cyber-Physical-Social Systems. <i>ACM Transactions on Management Information Systems</i> , 2022 , 13, 1-21	2	1
666	Lightweight Monocular Depth Estimation on Edge Devices. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	0
665	AI-Driven and MEC-Empowered Confidential Information Coverage Hole Recovery in 6G-Enabled IoT. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	0
664	Optimized Controller Provisioning in Software-Defined LEO Satellite Networks. <i>IEEE Transactions on Mobile Computing</i> , 2022 , 1-1	4.6	1
663	A Model-Based Method for Enabling Source Mapping and Intrusion Detection on Proprietary Can Bus. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-11	6.1	0
662	QTT-DLSTM: A Cloud-Edge-Aided Distributed LSTM for Cyber-Physical-Social Big Data.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , PP,	10.3	1
661	A Tensor-Based Truthful Incentive Mechanism for Blockchain-Enabled Space-Air-Ground Integrated Vehicular Crowdsensing. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 23, 2853-2862	6.1	2
660	Lightweight Tensor Deep Computation Model With Its Application in Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 23, 2678-2687	6.1	0
659	Multicommunity Graph Convolution Networks with Decision Fusion for Personalized Recommendation. <i>Lecture Notes in Computer Science</i> , 2022 , 16-28	0.9	0
658	Tensor-Based Knowledge Fusion and Reasoning for Cyberphysical-Social Systems: Theory and Framework. <i>IEEE Systems, Man, and Cybernetics Magazine</i> , 2022 , 8, 31-38	1.6	
657	Relation and Entropy Weight-Aware Knowledge Graph Embedding for Cloud Manufacturing. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	
656	Tensor Train-Based Multiple Clusterings for Big Data in Cyber-Physical-Social Systems and Its Efficient Implementations. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	
655	Tensor-Based Recurrent Neural Network and Multi-Modal Prediction With Its Applications in Traffic Network Management. <i>IEEE Transactions on Network and Service Management</i> , 2021 , 18, 780-792	4.8	6
654	. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5244-5253	6.8	3

653	Blockchain-enabled Tensor-based Conditional Deep Convolutional GAN for Cyber-physical-Social Systems. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-17	3.8	2
652	Convolutional neural networks for medical image analysis: State-of-the-art, comparisons, improvement and perspectives. <i>Neurocomputing</i> , 2021 , 444, 92-110	5.4	26
651	SmartHeating: On the Performance and Lifetime Improvement of Self-Healing SSDs. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 40, 52-65	2.5	2
650	Support Multimode Tensor Machine for Multiple Classification on Industrial Big Data. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 3382-3390	11.9	11
649	ADTT: A Highly Efficient Distributed Tensor-Train Decomposition Method for IIoT Big Data. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1573-1582	11.9	51
648	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4904-4913	11.9	10
647	A Tensor-Based Multiattributes Visual Feature Recognition Method for Industrial Intelligence. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2231-2241	11.9	34
646	Security Enhancement for Real-Time Parallel In-Vehicle Applications by CAN FD Message Authentication. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5038-5049	6.1	5
645	An Incremental Tensor-Train Decomposition for Cyber-Physical-Social Big Data. <i>IEEE Transactions on Big Data</i> , 2021 , 7, 341-354	3.2	18
644	Secure Outsourced Principal Eigentensor Computation for Cyber-Physical-Social Systems. <i>IEEE Transactions on Sustainable Computing</i> , 2021 , 6, 119-130	3.5	3
643	A Unified Smart Chinese Medicine Framework for Healthcare and Medical Services. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 882-890	3	18
642	Reinforcement-Learning-Enabled Partial Confidential Information Coverage for IoT-Based Bridge Structural Health Monitoring. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3108-3119	10.7	6
641	Tensor-Train-Based Higher Order Dominant Z-Eigen Decomposition for Multi-Modal Prediction and Its Cloud/Edge Implementation. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1353-1366	4.9	2
640	Differentially Private Tensor Deep Computation for CyberPhysicalSocial Systems. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 236-245	4.5	
639	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7860-7870	11.9	2
638	Efficient Monocular Depth Estimation for Edge Devices in Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2821-2832	11.9	10
637	Social Interaction and Information Diffusion in Social Internet of Things: Dynamics, Cloud-Edge, Traceability. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 2177-2192	10.7	5
636	Distributed Learning on Mobile Devices: A New Approach to Data Mining in the Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10264-10279	10.7	3

635	Video Scene Segmentation Using Tensor-Train Faster-RCNN for Multimedia IoT Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9697-9705	10.7	9
634	A Cloud-Edge-Aided Incremental High-Order Possibilistic c-Means Algorithm for Medical Data Clustering. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 148-155	8.3	8
633	The Effective Cooperative Diffusion Strategies With Adaptation Ability by Learning Across Adaptive Network-Wide Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4112-4126	7.3	3
632	Tensor-Train-Based High-Order Dominant Eigen Decomposition for Multimodal Prediction Services. <i>IEEE Transactions on Engineering Management</i> , 2021 , 68, 197-211	2.6	9
631	Barrier Coverage Quality Improvement for AI-based Passive Bistatic Radar Networks. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	1
630	A Sustainable Solution for IoT Semantic Interoperability: Dataspaces Model via Distributed Approaches. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
629	Dynamical Control Domain Division for Software-Defined Satellite-Ground Integrated Vehicular Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	1
628	HNF: Hybrid Neural Filtering based on Centrality-aware Random Walk for Personalized Recommendation. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	1
627	FLAS: Computation and Communication Efficient Federated Learning via Adaptive Sampling. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	4
626	An Incremental Boolean Tensor Factorization for Knowledge Reasoning in AIoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	2
625	Sustainable Ensemble Learning Driving Intrusion Detection Model. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	2
624	Differentially Private Tensor Train Deep Computation for Internet of Multimedia Things. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 16, 1-20	3.4	4
623	Intelligent Small Object Detection Based on Digital Twinning for Smart Manufacturing in Industrial CPS. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	36
622	Hybrid Emotion-aware Monitoring System based on Brainwaves for Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	6
621	Compressing Deep Model with Pruning and Tucker Decomposition for Smart Embedded Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
620	Tensor-Based GAN to Defense Adversarial Attacks for Cyber-Physical-Social System. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	0
619	Tensor Graph Attention Network for Knowledge Reasoning in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
618	Weighted Support Tensor Machines for Human Activity Recognition with Smartphone Sensors. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	6

617	Deep Correlation Mining Based on Hierarchical Hybrid Networks for Heterogeneous Big Data Recommendations. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 171-178	4.5	25
616	Social-Chain. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-28	3.8	15
615	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2116-2123	11.9	14
614	Devote: Criticality-Aware Federated Service Provisioning in Fog-Based IoT Environments. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10631-10638	10.7	2
613	Threat Analysis for Automotive CAN Networks: A GAN Model-Based Intrusion Detection Technique. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4467-4477	6.1	8
612	Optimized and federated soft-impute for privacy-preserving tensor completion in cyber-physical-social systems. <i>Information Sciences</i> , 2021 , 564, 103-123	7.7	2
611	Guest Editorial Special Issue on Smart IoT System: Opportunities by Linking Cloud, Edge, and AI. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12478-12480	10.7	
610	A deep residual computation model for heterogeneous data learning in smart Internet of Things. <i>Applied Soft Computing Journal</i> , 2021 , 107, 107361	7.5	2
609	A Data-Driven Approach of Product Quality Prediction for Complex Production Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6457-6465	11.9	28
608	Detecting Malicious Switches for a Secure Software-defined Tactile Internet. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-23	3.8	0
607	A tensor-network-based big data fusion framework for CyberPhysicalSocial Systems (CPSS). <i>Information Fusion</i> , 2021 , 76, 337-354	16.7	3
606	Federated Tensor Decomposition-Based Feature Extraction Approach for Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 8541-8549	11.9	4
605	Recommendations in Smart Devices Using Federated Tensor Learning. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0
604	Hybrid Deep Model for Human Behavior Understanding on Industrial Internet of Video Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1
603	Codee: A Tensor Embedding Scheme for Binary Code Search. <i>IEEE Transactions on Software Engineering</i> , 2021 , 1-1	3.5	3
602	Security-Aware CAN-FD Message Packing in Intelligent Automotive Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	
601	Multi-UAV Cooperative Localization for Marine Targets Based on Weighted Subspace Fitting in SAGIN Environment. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	32
600	Incremental Entity Summarization with Formal Concept Analysis. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	

599	Exploiting Uncorrectable Data Reuse for Performance Improvement of Flash Memory. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	1
598	ADS: Leveraging Approximate Data for Efficient Data Sanitization in SSDs. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	1
597	Self-Attentive Graph Convolution Network with Latent Group Mining and Collaborative Filtering for Personalized Recommendation. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	0
596	Quantized Tensor Neural Network. <i>ACM/IMS Transactions on Data Science</i> , 2021 , 2, 1-18	1.2	
595	An Edge-Cloud-Aided High-Order Possibilistic c-Means Algorithm for Big Data Clustering. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 3100-3109	8.3	2
594	A GPU-based residual network for medical image classification in smart medicine. <i>Information Sciences</i> , 2020 , 536, 91-100	7.7	19
593	Privacy Preserving High-Order Bi-Lanczos in Cloud-Fog Computing for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 1-1	11.9	21
592	Dynamic Entity-based Named Entity Recognition Under Unconstrained Tagging Schemes. <i>IEEE Transactions on Big Data</i> , 2020 , 1-1	3.2	1
591	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 7967-7981	10.7	2
590	Minimizing Financial Cost of DDoS Attack Defense in Clouds With Fine-Grained Resource Management. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2541-2554	4.9	5
589	Deep-Learning-Enhanced Human Activity Recognition for Internet of Healthcare Things. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6429-6438	10.7	131
588	Edge-Cloud-Aided Differentially Private Tucker Decomposition for Cyber-Physical-Social Systems. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1	10.7	3
587	Preserving Edge Knowledge Sharing Among IoT Services: A Blockchain-Based Approach. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 653-665	4.1	15
586	A Wide-Deep-Sequence Model-Based Quality Prediction Method in Industrial Process Analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3721-3731	10.3	18
585	Reemergence Modeling of Intelligent Information Diffusion in Heterogeneous Social Networks: The Dynamics Perspective. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 1-1	4.9	11
584	Secure Tensor Decomposition for Heterogeneous Multimedia Data in Cloud Computing. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 247-260	4.5	4
583	Extending the limits for big data RSA cracking: Towards cache-oblivious TU decomposition. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 138, 65-77	4.4	
582	$\mathcal{M}^2\mathcal{T}^2$: The Multivariate Multistep Transition Tensor for User Mobility Pattern Prediction. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 907-917	4.9	11

581	BloomStore: Dynamic Bloom-Filter-based Secure Rule-Space Management Scheme in SDN. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6252-6262	11.9	4
580	Learning-Automata-Based Confident Information Coverage Barriers for Smart Ocean Internet of Things. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 9919-9929	10.7	21
579	Multi-Dimensional Correlative Recommendation and Adaptive Clustering via Incremental Tensor Decomposition for Sustainable Smart Education. <i>IEEE Transactions on Sustainable Computing</i> , 2020 , 5, 389-402	3.5	9
578	A User-centric Security Solution for Internet of Things and Edge Convergence. <i>ACM Transactions on Cyber-Physical Systems</i> , 2020 , 4, 1-19	2.3	8
577	Confident Information Coverage Hole Prediction and Repairing for Healthcare Big Data Collection in Large-Scale Hybrid Wireless Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1	10.7	5
576	RM2T2C: Retrospective Multivariate Multi-step Transition Tensor Chain Model for User Mobility Pattern Prediction. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 1-1	11.9	
575	Blocking-Aware Partitioned Real-Time Scheduling for Uniform Heterogeneous Multicore Platforms. <i>Transactions on Embedded Computing Systems</i> , 2020 , 19, 1-25	1.8	1
574	Optimal Receiver Placement for K-barrier Coverage in Passive Bistatic Radar Sensor Networks. <i>ACM Transactions on Internet Technology</i> , 2020 , 20, 1-23	3.8	2
573	Privacy-preserving clustering for big data in cyber-physical-social systems: Survey and perspectives. <i>Information Sciences</i> , 2020 , 515, 132-155	7.7	13
572	MMDP: A Mobile-IoT Based Multi-Modal Reinforcement Learning Service Framework. <i>IEEE Transactions on Services Computing</i> , 2020 , 13, 675-684	4.8	5
571	Multiuser Multivariate Multiorder Markov-Based Multimodal User Mobility Pattern Prediction. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4519-4531	10.7	11
570	Lightweighted Secure Searching Over Public-Key Ciphertexts for Edge-Cloud-Assisted Industrial IoT Devices. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4221-4230	11.9	16
569	An Extended Framework of Privacy-Preserving Computation With Flexible Access Control. <i>IEEE Transactions on Network and Service Management</i> , 2020 , 17, 918-930	4.8	12
568	Leveraging partial-refresh for performance and lifetime improvement of 3D NAND flash memory in cyber-physical systems. <i>Journal of Systems Architecture</i> , 2020 , 103, 101685	5.5	4
567	A survey on data provenance in IoT. <i>World Wide Web</i> , 2020 , 23, 1441-1463	2.9	15
566	Autonomous Power Management With Double-Q Reinforcement Learning Method. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1938-1946	11.9	14
565	Differentially Private Tensor Train Decomposition in Edge-Cloud Computing for SDN-Based Internet of Things. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 5695-5705	10.7	5
564	AI-driven data security and privacy. <i>Journal of Network and Computer Applications</i> , 2020 , 172, 102842	7.9	2

563	Scalable Tensor-Train-Based Tensor Computations for CyberPhysicalSocial Big Data. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 873-885	4.5	1
562	Perturbation-Hidden: Enhancement of Vehicular Privacy for Location-Based Services in Internet of Vehicles. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 1-1	4.9	2
561	Game Theoretical Analysis on Acceptance of a Cloud Data Access Control System Based on Reputation. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 8, 1003-1017	3.3	9
560	A survey: Cyber-physical-social systems and their system-level design methodology. <i>Future Generation Computer Systems</i> , 2020 , 105, 1028-1042	7.5	82
559	Tensor-Based Multiple Clustering Approaches for Cyber-Physical-Social Applications. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 69-81	4.1	5
558	Customized Network Security for Cloud Service. <i>IEEE Transactions on Services Computing</i> , 2020 , 13, 801-814	4.4	4
557	. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 8, 1018-1029	3.3	23
556	HostWatcher: Protecting hosts in cloud data centers through software-defined networking. <i>Future Generation Computer Systems</i> , 2020 , 105, 964-972	7.5	6
555	Privacy-Preserving Tensor Decomposition Over Encrypted Data in a Federated Cloud Environment. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2020 , 17, 857-868	3.9	37
554	A Tensor-Based Optimization Model for Secure Sustainable Cyber-Physical-Social Big Data Computations. <i>IEEE Transactions on Sustainable Computing</i> , 2020 , 5, 223-234	3.5	5
553	Incremental Deep Computation Model for Wireless Big Data Feature Learning. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 248-257	3.2	17
552	A Multi-Order Distributed HOSVD with Its Incremental Computing for Big Services in Cyber-Physical-Social Systems. <i>IEEE Transactions on Big Data</i> , 2020 , 6, 666-678	3.2	27
551	Mildip: An energy efficient code offloading framework in mobile cloudlets. <i>Information Sciences</i> , 2020 , 513, 84-97	7.7	4
550	Data-driven software defined network attack detection : State-of-the-art and perspectives. <i>Information Sciences</i> , 2020 , 513, 65-83	7.7	11
549	Enhancing challenge-based collaborative intrusion detection networks against insider attacks using blockchain. <i>International Journal of Information Security</i> , 2020 , 19, 279-290	2.8	21
548	Multi-sensor fusion based intelligent sensor relocation for health and safety monitoring in BSNs. <i>Information Fusion</i> , 2020 , 54, 61-71	16.7	16
547	HO-OTSVD: A Novel Tensor Decomposition and Its Incremental Decomposition for CyberPhysicalSocial Networks (CPSN). <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 713-725	4.9	7
546	Privacy-preserving computation in cyber-physical-social systems: A survey of the state-of-the-art and perspectives. <i>Information Sciences</i> , 2020 , 527, 341-355	7.7	13

545	Gender Profiling From a Single Snapshot of Apps Installed on a Smartphone: An Empirical Study. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1330-1342	11.9	7
544	Intelligent Spectrum Assignment Based on Dynamical Cooperation for 5G-Satellite Integrated Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020 , 6, 523-533	6.6	4
543	An Integration Framework on Cloud for Cyber-Physical-Social Systems Big Data. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 8, 363-374	3.3	14
542	A Distributed Tensor-Train Decomposition Method for Cyber-Physical-Social Services. <i>ACM Transactions on Cyber-Physical Systems</i> , 2019 , 3, 1-15	2.3	39
541	Estimating the Resource Demand in Power-Aware Clusters by Regressing a Linearly Dependent Relation. <i>IEEE Transactions on Sustainable Computing</i> , 2019 , 1-1	3.5	3
540	DEED: Dynamic Energy-Efficient Data offloading for IoT applications under unstable channel conditions. <i>Future Generation Computer Systems</i> , 2019 , 96, 425-437	7.5	10
539	RMapTAFE: Radio Map Construction Based on Trajectory Adjustment and Fingerprint Amendment. <i>IEEE Access</i> , 2019 , 7, 14488-14500	3.5	10
538	. <i>IEEE Consumer Electronics Magazine</i> , 2019 , 8, 23-27	3.2	8
537	A Nature-Inspired Node Deployment Strategy for Connected Confidential Information Coverage in Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 9217-9225	10.7	15
536	CloudCFI: Context-Sensitive and Incremental CFI in the Cloud Environment. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 1-1	3.3	0
535	. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 1-1	3.3	22
534	Practical Privacy-preserving High-order Bi-Lanczos in Integrated Edge-Fog-Cloud Architecture for Cyber-Physical-Social Systems. <i>ACM Transactions on Internet Technology</i> , 2019 , 19, 1-18	3.8	20
533	Security, Privacy, and Trust for Cyberphysical-Social Systems. <i>Security and Communication Networks</i> , 2019 , 2019, 1-2	1.9	
532	Deep Semantic Mapping for Heterogeneous Multimedia Transfer Learning Using Co-Occurrence Data. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2019 , 15, 1-21	3.4	12
531	Analytical Model for Sybil Attack Phases in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 379-387	10.7	45
530	Performance modeling for MPI applications with low overhead fine-grained profiling. <i>Future Generation Computer Systems</i> , 2019 , 90, 317-326	7.5	4
529	Multivariate Multi-Order Markov Multi-Modal Prediction With Its Applications in Network Traffic Management. <i>IEEE Transactions on Network and Service Management</i> , 2019 , 16, 828-841	4.8	19
528	NQA. <i>Transactions on Embedded Computing Systems</i> , 2019 , 18, 1-21	1.8	51

527	Physical unclonable functions based secret keys scheme for securing big data infrastructure communication. <i>Information Sciences</i> , 2019 , 503, 307-318	7.7	5
526	Game Theoretical Analysis on Encrypted Cloud Data Deduplication. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 5778-5789	11.9	6
525	Resource-Aware Scheduling for Dependable Multicore Real-Time Systems: Utilization Bound and Partitioning Algorithm. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 2806-2819	3.7	4
524	IEEE Access Special Section Editorial: Internet-of-Things Big Data Trust Management. <i>IEEE Access</i> , 2019 , 7, 65223-65227	3.5	3
523	Evolving graph construction for successive recommendation in event-based social networks. <i>Future Generation Computer Systems</i> , 2019 , 96, 502-514	7.5	9
522	A Double Deep Q-Learning Model for Energy-Efficient Edge Scheduling. <i>IEEE Transactions on Services Computing</i> , 2019 , 12, 739-749	4.8	62
521	FvRS: Efficiently identifying performance-critical data for improving performance of big data processing. <i>Future Generation Computer Systems</i> , 2019 , 91, 157-166	7.5	0
520	An Incremental Deep Convolutional Computation Model for Feature Learning on Industrial Big Data. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1341-1349	11.9	37
519	Securing Communication Data in Pervasive Social Networking Based on Trust with KP-ABE. <i>ACM Transactions on Cyber-Physical Systems</i> , 2019 , 3, 1-23	2.3	1
518	Energy Balanced Dispatch of Mobile Edge Nodes for Confident Information Coverage Hole Repairing in IoT. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4782-4790	10.7	14
517	Offloading-Assisted Energy-Balanced IoT Edge Node Relocation for Confident Information Coverage. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4482-4490	10.7	18
516	HSDC: A Highly Scalable Data Center Network Architecture for Greater Incremental Scalability. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 1105-1119	3.7	15
515	Data fusion in cyber-physical-social systems: State-of-the-art and perspectives. <i>Information Fusion</i> , 2019 , 51, 42-57	16.7	49
514	A Tensor-Based Big-Data-Driven Routing Recommendation Approach for Heterogeneous Networks. <i>IEEE Network</i> , 2019 , 33, 64-69	11.4	108
513	LSTM and Edge Computing for Big Data Feature Recognition of Industrial Electrical Equipment. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2469-2477	11.9	43
512	Dependable Deep Computation Model for Feature Learning on Big Data in Cyber-Physical Systems. <i>ACM Transactions on Cyber-Physical Systems</i> , 2019 , 3, 1-17	2.3	5
511	Automatic generation of benchmarks for I/O-intensive parallel applications. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 124, 1-13	4.4	3
510	A survey on data fusion in internet of things: Towards secure and privacy-preserving fusion. <i>Information Fusion</i> , 2019 , 51, 129-144	16.7	90

509	Data fusion based coverage optimization in heterogeneous sensor networks: A survey. <i>Information Fusion</i> , 2019 , 52, 90-105	16.7	45
508	An adaptive multi-level caching strategy for Distributed Database System. <i>Future Generation Computer Systems</i> , 2019 , 97, 61-68	7.5	2
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