

Kim-Kwang Raymond Choo

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.

843
papers

21,420
citations

72
h-index

110
g-index

925
ext. papers

27,924
ext. citations

4.5
avg, IF

8.24
L-index

#	Paper	IF	Citations
843	Federated IoT attack detection using decentralized edge data. <i>Machine Learning With Applications</i> , 2022 , 8, 100263	6.5	2
842	VRFMS: Verifiable Ranked Fuzzy Multi-keyword Search over Encrypted Data. <i>IEEE Transactions on Services Computing</i> , 2022 , 1-1	4.8	1
841	A Lattice-based Conditional Privacy-Preserving Authentication Protocol for the Vehicular Ad Hoc Network. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	3
840	Blind Camcording-Resistant Video Watermarking in the DTCWT and SVD Domain. <i>IEEE Access</i> , 2022 , 10, 15681-15698	3.5	2
839	Privacy-Preserving Aggregation-Authentication Scheme for Safety Warning System in Fog-Cloud Based VANET. <i>IEEE Transactions on Information Forensics and Security</i> , 2022 , 17, 317-331	8	6
838	Modern Authentication Schemes in Smartphones and IoT Devices: An Empirical Survey. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
837	Ranked Keyword Search over Encrypted Cloud Data Through Machine Learning Method. <i>IEEE Transactions on Services Computing</i> , 2022 , 1-1	4.8	2
836	PUF-based Authentication and Key Agreement Protocols for IoT, WSNs and Smart Grids: A Comprehensive Survey. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	8
835	Privacy-Preserving Threshold-Based Image Retrieval in Cloud-Assisted Internet of Things. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	2
834	Privacy-Preserving Fast Authentication and Key Agreement for E-health Systems in IoT, based on Three-Factor Authentication. <i>IEEE Transactions on Services Computing</i> , 2022 , 1-1	4.8	2
833	MU-TEIR: Traceable Encrypted Image Retrieval in the Multi-user Setting. <i>IEEE Transactions on Services Computing</i> , 2022 , 1-1	4.8	0
832	Towards an interpretable autoencoder: A decision tree-based autoencoder and its application in anomaly detection. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022 , 1-1	3.9	2
831	LIGHT: Lightweight Authentication for Intra Embedded Integrated Electronic Systems. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022 , 1-1	3.9	0
830	IoT Privacy, Security and Forensics Challenges: An Unmanned Aerial Vehicle (UAV) Case Study 2022 , 7-39		0
829	Big Data Analytics and Forensics: An Overview 2022 , 1-5		
828	Lightweight Sybil Attack Detection in IoT based on Bloom Filter and Physical Unclonable Function. <i>Computers and Security</i> , 2022 , 113, 102541	4.9	2
827	A privacy preservation method for multiple-source unstructured data in online social networks. <i>Computers and Security</i> , 2022 , 113, 102574	4.9	1

826	Digital Forensics Education: Challenges and Future Opportunities. <i>Lecture Notes in Networks and Systems</i> , 2022 , 28-46	0.5	
825	Towards Privacy-Preserving Spatial Distribution Crowdsensing: A Game Theoretic Approach. <i>IEEE Transactions on Information Forensics and Security</i> , 2022 , 17, 804-818	8	1
824	The Security of Blockchain-Based Medical Systems: Research Challenges and Opportunities. <i>IEEE Systems Journal</i> , 2022 , 1-12	4.3	0
823	Federated Anomaly Detection on System Logs for the Internet of Things: A Customizable and Communication-Efficient Approach. <i>IEEE Transactions on Network and Service Management</i> , 2022 , 1-1	4.8	0
822	A Blockchain-based Decentralized, Fair and Authenticated Information Sharing Scheme in Zero Trust Internet-of-Things. <i>IEEE Transactions on Computers</i> , 2022 , 1-1	2.5	2
821	Inference of User Desires to Spread Disinformation Based on Social Situation Analytics and Group Effect. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022 , 1-1	3.9	
820	Misinformation Detection on Social Media: Challenges and the Road Ahead. <i>IT Professional</i> , 2022 , 24, 34-40	1.9	0
819	A Lightweight and Privacy-Preserving Mutual Authentication and Key Agreement Protocol for Internet of Drones Environment. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	4
818	A Redactable Blockchain Framework for Secure Federated Learning in Industrial Internet-of-Things. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	2
817	Verifiable Fuzzy Multi-keyword Search over Encrypted Data with Adaptive Security. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022 , 1-1	4.2	2
816	Prediction-Based Resource Deployment and Task Scheduling in Edge-Cloud Collaborative Computing. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-17	1.9	
815	Segmentation mask and feature similarity loss guided GAN for object-oriented image-to-image translation. <i>Information Processing and Management</i> , 2022 , 59, 102926	6.3	
814	FELIDS: Federated learning-based intrusion detection system for agricultural Internet of Things. <i>Journal of Parallel and Distributed Computing</i> , 2022 , 165, 17-31	4.4	2
813	A Differentially Private Federated Learning Model against Poisoning Attacks in Edge Computing. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022 , 1-1	3.9	0
812	Assessment of the Blockchain Technology Adoption for the Management of the Electronic Health Record Systems. <i>IEEE Transactions on Engineering Management</i> , 2022 , 1-18	2.6	0
811	Disinformation Propagation Trend Analysis and Identification Based on Social Situation Analytics and Multilevel Attention Network. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 1-16	4.5	
810	A Lightweight and Anonymous Authentication and Key Agreement Protocol for Wireless Body Area Networks. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
809	The role of national cybersecurity strategies on the improvement of cybersecurity education. <i>Computers and Security</i> , 2022 , 119, 102754	4.9	2

808	Do Dark Web and Cryptocurrencies Empower Cybercriminals?. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022 , 277-293	0.2	
807	A Global Secure Ranked Multikeyword Search Based on the Multiowner Model for Cloud-Based Systems. <i>IEEE Systems Journal</i> , 2022 , 1-12	4.3	1
806	A blockchain-based cross-domain and autonomous access control scheme for internet of things. <i>IEEE Transactions on Services Computing</i> , 2022 , 1-1	4.8	0
805	COVID-19 pandemic and the cyberthreat landscape: Research challenges and opportunities. <i>Digital Communications and Networks</i> , 2022 ,	5.9	1
804	Detection of False Data Injection Attacks on Smart Grids: A Resilience-Enhanced Scheme. <i>IEEE Transactions on Power Systems</i> , 2021 , 1-1	7	1
803	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	17
802	Spatial self-attention network with self-attention distillation for fine-grained image recognition. <i>Journal of Visual Communication and Image Representation</i> , 2021 , 81, 103368	2.7	3
801	FabricFL: Blockchain-in-the-Loop Federated Learning for Trusted Decentralized Systems. <i>IEEE Systems Journal</i> , 2021 , 1-12	4.3	2
800	Dynamic Authenticated Asymmetric Group Key Agreement with Sender Non-Repudiation and Privacy for Group-Oriented Applications. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	
799	SCS-WoT: Secure Communication Scheme for Web of Things Deployment. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
798	A Generic Secure Transmission Scheme Based on Random Linear Network Coding. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-12	3.8	0
797	Blockchain-Based Secure and Cooperative Private Charging Pile Sharing Services for Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	8
796	Time-Controlled Hierarchical Multi-keyword Search over Encrypted Data in Cloud-Assisted IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	
795	Multi-Copy and Multi-Server Provable Data Possession for Cloud-Based IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	
794	. <i>IEEE Access</i> , 2021 , 9, 162614-162632	3.5	2
793	BESIFL: Blockchain Empowered Secure and Incentive Federated Learning Paradigm in IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	4
792	Privacy-Preserving Top-k Spatial Keyword Queries in Fog-Based Cloud Computing. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	0
791	A Privacy-preserving Proximity Testing using Private Set Intersection for Vehicular Ad-hoc Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	

790	MVFusFra: A Multi-View Dynamic Fusion Framework for Multimodal Brain Tumor Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	4
789	A Redesigned Identity-Based Anonymous Authentication Scheme for Mobile Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
788	Towards Efficient Verifiable Boolean Search over Encrypted Cloud Data. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 1-1	3.3	3
787	A Self-Trading and Authenticated-Roaming Scheme based on Blockchain for Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1
786	A Game-Theory-Based Contract Mechanism to Facilitate Technology Spillover in Emerging Electric Vehicle Markets. <i>IEEE Transactions on Engineering Management</i> , 2021 , 1-14	2.6	
785	Demand-Supply Based Economic Model for Resource Provisioning in Industrial IoT Traffic. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
784	BlockHDFS: Blockchain-integrated Hadoop distributed file system for secure provenance traceability. <i>Blockchain: Research and Applications</i> , 2021 , 2, 100032	2.5	1
783	Cyber security challenges in aviation communication, navigation, and surveillance. <i>Computers and Security</i> , 2021 , 112, 102516	4.9	4
782	A secure and trustworthy medical record sharing scheme based on searchable encryption and blockchain. <i>Computer Networks</i> , 2021 , 200, 108540	5.4	3
781	Standardization of the Distributed Ledger Technology cybersecurity stack for power and energy applications. <i>Sustainable Energy, Grids and Networks</i> , 2021 , 28, 100553	3.6	4
780	. <i>IEEE Access</i> , 2021 , 1-1	3.5	3
779	DssP: Efficient Dual-Server Secret Sharing Protocol Based on Password Authentication for Cloud Storage Services. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	
778	Evidence Identification and Acquisition Based on Network Link in an Internet of Things Environment. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 163-173	0.4	1
777	Enabling Privacy-Assured Fog-Based Data Aggregation in E-Healthcare Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1948-1957	11.9	20
776	SIP: An Efficient and Secure Information Propagation Scheme in E-Health Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1502-1516	4.9	2
775	Semi-supervised anomaly detection algorithms: A comparative summary and future research directions. <i>Knowledge-Based Systems</i> , 2021 , 218, 106878	7.3	15
774	Analysis and Improvement of a Certificateless Signature Scheme for Resource-Constrained Scenarios. <i>IEEE Communications Letters</i> , 2021 , 25, 1074-1078	3.8	5
773	Deep Learning-Based Intrusion Detection for Distributed Denial of Service Attack in Agriculture 4.0. <i>Electronics (Switzerland)</i> , 2021 , 10, 1257	2.6	26

772	PADP: Efficient Privacy-Preserving Data Aggregation and Dynamic Pricing for Vehicle-to-Grid Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7863-7873	10.7	9
771	NLP-based digital forensic investigation platform for online communications. <i>Computers and Security</i> , 2021 , 104, 102210	4.9	5
770	DAD: A Distributed Anomaly Detection system using ensemble one-class statistical learning in edge networks. <i>Future Generation Computer Systems</i> , 2021 , 118, 240-251	7.5	5
769	Preventing and Controlling Epidemics Through Blockchain-Assisted AI-Enabled Networks. <i>IEEE Network</i> , 2021 , 35, 34-41	11.4	4
768	Time-Efficient Ensemble Learning with Sample Exchange for Edge Computing. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-17	3.8	0
767	A Deep Blockchain Framework-Enabled Collaborative Intrusion Detection for Protecting IoT and Cloud Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9463-9472	10.7	76
766	A Software/Hardware Co-Design of Crystals-Dilithium Signature Scheme. <i>ACM Transactions on Reconfigurable Technology and Systems</i> , 2021 , 14, 1-21	2.7	3
765	The Application of the Blockchain Technology in Voting Systems. <i>ACM Computing Surveys</i> , 2021 , 54, 1-28	13.4	9
764	A design science approach to developing an integrated mobile app forensic framework. <i>Computers and Security</i> , 2021 , 105, 102226	4.9	2
763	SBBS: A Secure Blockchain-Based Scheme for IoT Data Credibility in Fog Environment. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 9268-9277	10.7	10
762	Blockchain-Based Key Management Scheme in Fog-Enabled IoT Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10766-10778	10.7	8
761	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10963-10972	10.7	14
760	Are You Dating Danger? An Interdisciplinary Approach to Evaluating the (In)Security of Android Dating Apps. <i>IEEE Transactions on Sustainable Computing</i> , 2021 , 6, 197-207	3.5	13
759	Multi-Area Throughput and Energy Optimization of UAV-Aided Cellular Networks Powered by Solar Panels and Grid. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 2427-2444	4.6	18
758	An Efficient and Privacy-Preserving Outsourced Support Vector Machine Training for Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 458-473	10.7	24
757	A Survey of Blockchain Applications in the Energy Sector. <i>IEEE Systems Journal</i> , 2021 , 15, 3370-3381	4.3	28
756	Provably Secure and Lightweight Identity-Based Authenticated Data Sharing Protocol for Cyber-Physical Cloud Environment. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 9, 318-330	3.3	19
755	. <i>IEEE Transactions on Sustainable Computing</i> , 2021 , 6, 184-196	3.5	14

754	A Fast Nearest Neighbor Search Scheme Over Outsourced Encrypted Medical Images. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 514-523	11.9	17
753	Privacy-Preserving Reinforcement Learning Design for Patient-Centric Dynamic Treatment Regimes. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 456-470	4.1	19
752	Privacy-Preserving Attribute-Based Keyword Search in Shared Multi-owner Setting. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 18, 1080-1094	3.9	71
751	Fault-Tolerant Multisubset Aggregation Scheme for Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4065-4072	11.9	31
750	Ethereum smart contract security research: survey and future research opportunities. <i>Frontiers of Computer Science</i> , 2021 , 15, 1	2.2	27
749	A Multikernel and Metaheuristic Feature Selection Approach for IoT Malware Threat Hunting in the Edge Layer. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4540-4547	10.7	13
748	PPChain: A Privacy-Preserving Permissioned Blockchain Architecture for Cryptocurrency and Other Regulated Applications. <i>IEEE Systems Journal</i> , 2021 , 15, 4367-4378	4.3	8
747	FAPS: A fair, autonomous and privacy-preserving scheme for big data exchange based on oblivious transfer, Ether cheque and smart contracts. <i>Information Sciences</i> , 2021 , 544, 469-484	7.7	9
746	A survey of empirical performance evaluation of permissioned blockchain platforms: Challenges and opportunities. <i>Computers and Security</i> , 2021 , 100, 102078	4.9	22
745	Discovering communities from disjoint complex networks using Multi-Layer Ant Colony Optimization. <i>Future Generation Computer Systems</i> , 2021 , 115, 659-670	7.5	10
744	Blockchain-based multi-party proof of assets with privacy preservation. <i>Information Sciences</i> , 2021 , 547, 609-621	7.7	6
743	A privacy-preserving protocol for continuous and dynamic data collection in IoT enabled mobile app recommendation system (MARS). <i>Journal of Network and Computer Applications</i> , 2021 , 174, 102874	7.9	9
742	Universal location referencing and homomorphic evaluation of geospatial query. <i>Computers and Security</i> , 2021 , 102, 102137	4.9	3
741	Resurrecting anti-virtualization and anti-debugging: Unhooking your hooks. <i>Future Generation Computer Systems</i> , 2021 , 116, 393-405	7.5	3
740	A survey of machine learning techniques in adversarial image forensics. <i>Computers and Security</i> , 2021 , 100, 102092	4.9	17
739	Secure and Verifiable Multikey Image Search in Cloud-Assisted Edge Computing. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5348-5359	11.9	7
738	Blockchain-Enabled Trustworthy Group Communications in UAV Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4118-4130	6.1	16
737	IoTcop: A Blockchain-Based Monitoring Framework for Detection and Isolation of Malicious Devices in Internet-of-Things Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3346-3359	10.7	7

736	Multi-Authority Attribute-Based Keyword Search over Encrypted Cloud Data. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	34
735	A Fuzzy Authentication System Based on Neural Network Learning and Extreme Value Statistics. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 549-559	8.3	15
734	Group trip planning and information seeking behaviours by mobile social media users: A study of tourists in Australia, Bangladesh and China. <i>Journal of Information Science</i> , 2021 , 47, 323-339	2	7
733	Semantic Learning Based Cross-Platform Binary Vulnerability Search For IoT Devices. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 971-979	11.9	14
732	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
731	Secure Data Deduplication Protocol for Edge-Assisted Mobile CrowdSensing Services. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 742-753	6.8	6
730	Boosting-based DDoS Detection in Internet of Things Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	16
729	OBFP: Optimized Blockchain-Based Fair Payment for Outsourcing Computations in Cloud Computing. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 3241-3253	8	11
728	. <i>IEEE Access</i> , 2021 , 9, 13789-13799	3.5	5
727	SAVE: Efficient Privacy-Preserving Location-Based Service Bundle Authentication in Self-Organizing Vehicular Social Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-15	6.1	
726	DeepKeyGen: A Deep Learning-Based Stream Cipher Generator for Medical Image Encryption and Decryption. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	11
725	EPNS: Efficient Privacy Preserving Intelligent Traffic Navigation from Multiparty Delegated Computation in Cloud-Assisted VANETs. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	1
724	Understanding the Trends in Blockchain Domain Through an Unsupervised Systematic Patent Analysis. <i>IEEE Transactions on Engineering Management</i> , 2021 , 1-15	2.6	2
723	Attacking the Edge-of-Things: A Physical Attack Perspective. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0
722	Verifiable Semantic-aware Ranked Keyword Search in Cloud-Assisted Edge Computing. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	4
721	Service migration across edge devices in 6G-enabled Internet of Vehicles networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
720	EAFS: An Efficient, Accurate, and Forward Secure Searchable Encryption Scheme Supporting Range Search. <i>IEEE Systems Journal</i> , 2021 , 1-11	4.3	2
719	Verifiable Data Mining against Malicious Adversaries in Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	3

718	An Efficient Privacy-Preserving Credit Score System Based on Noninteractive Zero-Knowledge Proof. <i>IEEE Systems Journal</i> , 2021 , 1-10	4.3	1
717	AI-Enabled Threat Intelligence and Hunting Microservices for Distributed Industrial IoT System. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	1
716	Efficient and Privacy-Preserving Multi-Party Skyline Queries Over Encrypted Data. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 4589-4604	8	4
715	Pocket Diagnosis: Secure Federated Learning against Poisoning Attack in the Cloud. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	3
714	DVREI: Dynamic Verifiable Retrieval over Encrypted Images. <i>IEEE Transactions on Computers</i> , 2021 , 1-1	2.5	0
713	Blockchain-Based Privacy Preservation for 5G-Enabled Drone Communications. <i>IEEE Network</i> , 2021 , 35, 50-56	11.4	30
712	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
711	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	26
710	A cost-sensitive deep learning based approach for network traffic classification. <i>IEEE Transactions on Network and Service Management</i> , 2021 , 1-1	4.8	3
709	AI-Assisted Energy-Efficient and Intelligent Routing for Reconfigurable Wireless Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	12
708	Consumer, Commercial and Industrial IoT (In)Security: Attack Taxonomy and Case Studies. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	16
707	Threaten me softly: A review of potential dating app risks. <i>Computers in Human Behavior Reports</i> , 2021 , 3, 100055	2.6	11
706	VFIRM: Verifiable Fine-Grained Encrypted Image Retrieval in Multi-owner Multi-user Settings. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	5
705	Verifiable and Dynamic Multi-keyword Search over Encrypted Cloud Data Using Bitmap. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 1-1	3.3	4
704	A Provably Secure and Efficient Range Query Scheme for Outsourced Encrypted Uncertain Data from Cloud-based Internet of Things Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	4
703	A Memory Network Information Retrieval Model for Identification of News Misinformation. <i>IEEE Transactions on Big Data</i> , 2021 , 1-1	3.2	3
702	Investigating Protected Health Information Leakage from Android Medical Applications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 311-322	0.2	0
701	Signcryption based Authenticated and Key Exchange Protocol for EI-based V2G Environment. <i>IEEE Transactions on Smart Grid</i> , 2021 , 1-1	10.7	1

700	CRSA: A Cryptocurrency Recovery Scheme Based on Hidden Assistance Relationships. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 4291-4305	8	
699	Secure, Robust and Flexible Cooperative Downloading Scheme for Highway VANETs. <i>IEEE Access</i> , 2021 , 9, 5199-5211	3.5	4
698	A multi-type and decentralized data transaction scheme based on smart contracts and digital watermarks. <i>Journal of Network and Computer Applications</i> , 2021 , 176, 102953	7.9	3
697	Digital forensic readiness intelligence crime repository. <i>Security and Privacy</i> , 2021 , 4, e151	1.8	1
696	. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1736-1751	6.8	24
695	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12004-12020	10.7	33
694	Emerging DDoS attack detection and mitigation strategies in software-defined networks: Taxonomy, challenges and future directions. <i>Journal of Network and Computer Applications</i> , 2021 , 187, 103093	7.9	8
693	PSL-MAAKA: Provably Secure and Lightweight Mutual Authentication and Key Agreement Protocol for Fully Public Channels in Internet of Medical Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13183-13195	10.7	6
692	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14287-14298	10.7	4
691	Secure Semantic-Aware Search Over Dynamic Spatial Data in VANETs. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 8912-8925	6.8	1
690	The Applications of Blockchain in Artificial Intelligence. <i>Security and Communication Networks</i> , 2021 , 2021, 1-16	1.9	2
689	. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 1477-1499	7	19
688	Toward Detection and Attribution of Cyber-Attacks in IoT-Enabled CyberPhysical Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13712-13722	10.7	14
687	A secure and computationally efficient authentication and key agreement scheme for Internet of Vehicles. <i>Computers and Electrical Engineering</i> , 2021 , 95, 107409	4.3	3
686	Forward and backward secure keyword search with flexible keyword shielding. <i>Information Sciences</i> , 2021 , 576, 507-521	7.7	1
685	Edge Computing and Deep Learning Enabled Secure Multitier Network for Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14787-14796	10.7	5
684	Asymmetric cryptographic functions based on generative adversarial neural networks for Internet of Things. <i>Future Generation Computer Systems</i> , 2021 , 124, 243-253	7.5	3
683	PBC4occ: A novel contrast pattern-based classifier for one-class classification. <i>Future Generation Computer Systems</i> , 2021 , 125, 71-90	7.5	2

682	. <i>IEEE Access</i> , 2021 , 9, 93529-93566	3.5	6
681	DDCA: A Distortion Drift-Based Cost Assignment Method for Adaptive Video Steganography in the Transform Domain. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	4
680	Social Characteristic-based Propagation-efficient PBFT Protocol to Broadcast in Unstructured Overlay Networks. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	0
679	Transparent Ciphertext Retrieval System Supporting Integration of Encrypted Heterogeneous Database in Cloud-Assisted IoT. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	
678	Effectiveness of Mobile Wiping Applications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 3-24	0.2	
677	. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 1-1	3.3	3
676	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9390-9401	6.8	92
675	Blockchain-Based Self-Tallying Voting System with Software Updates in Decentralized IoT. <i>IEEE Network</i> , 2020 , 34, 166-172	11.4	3
674	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 8932-8942	10.7	5
673	Privacy-preserving Feature Extraction via Adversarial Training. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	5
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