

# Neeraj Kumar, Smieeee

## 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.

875  
papers

26,161  
citations

83  
h-index

116  
g-index

955  
ext. papers

34,543  
ext. citations

5  
avg, IF

8.52  
L-index

#	Paper	IF	Citations
875	Intelligent Power Allocation Algorithm for Energy-Efficient Mobile Internet of Things (IoT) Networks. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2022</b> , 1-1	4	1
874	The Role of Emerging Technologies in Smart Healthcare <b>2022</b> , 1-17		
873	Internet of Things (IoT) Enabled Software Defined Networking (SDN) for Load Balancing, Edge, Cloud Computing in Healthcare <b>2022</b> , 39-61		1
872	PUF-based Authentication and Key Agreement Protocols for IoT, WSNs and Smart Grids: A Comprehensive Survey. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	8
871	Design of Blockchain-Based Lightweight V2I Handover Authentication Protocol for VANET. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	13
870	Theoretical Performance Analysis of Distributed Queue for Massive Machine Type Communications: Throughput, Latency, Energy Consumption. <i>IEEE Transactions on Network and Service Management</i> , <b>2022</b> , 1-1	4.8	0
869	Coalition Games for Performance Evaluation in 5G and Beyond Networks: A Survey. <i>IEEE Access</i> , <b>2022</b> , 10, 15393-15420	3.5	0
868	SLAP: A Secure and Lightweight Authentication Protocol for machine-to-machine communication in industry 4.0. <i>Computers and Electrical Engineering</i> , <b>2022</b> , 98, 107669	4.3	2
867	RUAM-IoD: A Robust User Authentication Mechanism for the Internet of Drones. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	2
866	Special Issue on Artificial Intelligence, Edge, and Internet of Things for Smart Agriculture. <i>IEEE Micro</i> , <b>2022</b> , 42, 6-7	1.8	0
865	DDoS attack resisting authentication protocol for mobile based online social network applications. <i>Journal of Information Security and Applications</i> , <b>2022</b> , 65, 103115	3.5	
864	BUAKA-CS: Blockchain-enabled user authentication and key agreement scheme for crowdsourcing system. <i>Journal of Systems Architecture</i> , <b>2022</b> , 123, 102370	5.5	2
863	A Taxonomy of Multimedia-based Graphical User Authentication for Green Internet of Things. <i>ACM Transactions on Internet Technology</i> , <b>2022</b> , 22, 1-28	3.8	1
862	Integrated Blockchain and Cloud Computing Systems: A Systematic Survey, Solutions, and Challenges. <i>ACM Computing Surveys</i> , <b>2022</b> , 54, 1-36	13.4	4
861	Internet of Things Framework for Oxygen Saturation Monitoring in COVID-19 Environment.. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 9, 3631-3641	10.7	2
860	Private blockchain-envisioned drones-assisted authentication scheme in IoT-enabled agricultural environment. <i>Computer Standards and Interfaces</i> , <b>2022</b> , 80, 103567	3.5	7
859	QoS-aware Mesh-based Multicast Routing Protocols in Edge Ad Hoc Networks: Concepts and Challenges. <i>ACM Transactions on Internet Technology</i> , <b>2022</b> , 22, 1-27	3.8	2

858	Blockchain for Smart Transport Applications. <i>Internet of Things</i> , <b>2022</b> , 125-154	1.3	
857	A Lightweight and Verifiable Access Control Scheme with Constant Size Ciphertext in Edge Computing Assisted IoT. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
856	Space-Air-Ground Integrated Network Resource Allocation Based on Service Function Chain. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	0
855	Deep Learning and Onion Routing-based Collaborative Intelligence Framework for Smart Homes underlying 6G Networks. <i>IEEE Transactions on Network and Service Management</i> , <b>2022</b> , 1-1	4.8	1
854	Towards achieving efficient access control of medical data with both forward and backward secrecy. <i>Computer Communications</i> , <b>2022</b> , 189, 36-52	5.1	0
853	ACM-SH: An Efficient Access Control and Key Establishment Mechanism for Sustainable Smart Healthcare. <i>Sustainability</i> , <b>2022</b> , 14, 4661	3.6	
852	ChaseMe: A Heuristic Scheme for Electric Vehicles Mobility Management on Charging Stations in a Smart City Scenario. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-11	6.1	0
851	Secure 5G-Assisted UAV Access Scheme in IoBT for Region Demarcation and Surveillance Operations. <i>IEEE Communications Standards Magazine</i> , <b>2022</b> , 6, 58-66	3.3	2
850	6Blocks: 6G-enabled trust management scheme for decentralized autonomous vehicles. <i>Computer Communications</i> , <b>2022</b> , 191, 53-68	5.1	1
849	A Novel Channel Model and Optimal Power Control Schemes for Mobile mmWave Two-Tier Networks. <i>IEEE Access</i> , <b>2022</b> , 10, 54445-54458	3.5	2
848	ASCP-IoMT: AI-Enabled Lightweight Secure Communication Protocol for Internet of Medical Things. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	0
847	A Provably Secure Mobile User Authentication Scheme for Big Data Collection in IoT-Enabled Maritime Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-11	6.1	0
846	An Efficient Vehicle-Assisted Aggregate Authentication Scheme for Infrastructure-Less Vehicular Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-11	6.1	1
845	Performance Evaluation of Cooperative OMA and NOMA Systems in 6G Deployment Scenarios. <i>Sensors</i> , <b>2022</b> , 22, 3986	3.8	0
844	PF-DA: Pairing Free and Secure Data Aggregation for Energy Internet-based Smart Meter-to-Grid Communication. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 1-1	10.7	1
843	A Blockchain and Edge-Computing-Based Secure Framework for Government Tender Allocation. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 2409-2418	10.7	8
842	On the Design of a Secure Anonymous User Authentication Scheme for Multiple Base Stations Based Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 1-17	0.4	
841	Anonymous Fine-Grained User Access Control Scheme for Internet of Things Architecture. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 47-66	0.4	1

840	Guest Editorial Special Issue on Artificial Intelligence-Based Sensors for Next Generation IoT Applications. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 24919-24919	4	
839	QoS Aware Uplink Scheduling for M2M Communication in LTE / LTE-A Network: A Game Theoretic Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	0
838	COVIDNet: An Automatic Architecture for COVID-19 Detection with Deep Learning from Chest X-ray Images. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
837	SCS-WoT: Secure Communication Scheme for Web of Things Deployment. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	3
836	Path Planning for Energy Management of Smart Maritime Electric Vehicles: A Blockchain-Based Solution. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-14	6.1	2
835	Accurate Detection of IoT Sensor Behaviors in Legitimate, Faulty and Compromised Scenarios. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	1
834	AKN-FGD: Adaptive Kohonen Network based Fine-grained Detection of LDoS Attacks. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	
833	Dynamic Virtual Resource Allocation Mechanism for Survivable Services in Emerging NFV-Enabled Vehicular Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-13	6.1	1
832	PETS: P2P Energy Trading Scheduling Scheme for Electric Vehicles in Smart Grid Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-14	6.1	2
831	Collaborative and Efficient Body-to-Body Networks for IoT-Based Healthcare Systems. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	2
830	Intelligent Cooperative Collision Avoidance at Overtaking and Lane Changing Maneuver in 6G-V2X Communications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	5
829	Cybertwin-driven Federated Learning based Personalized Service Provision for 6G-V2X. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	3
828	An Effective Probabilistic Technique for DDoS Detection in OpenFlow Controller. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-10	4.3	2
827	When Blockchain Meets Edge Intelligence: Trusted and Security Solutions for Consumers. <i>IEEE Network</i> , <b>2021</b> , 1-7	11.4	8
826	Blockchain-Envisioned Secure Authentication Approach in AIoT: Applications, Challenges, and Future Research. <i>Wireless Communications and Mobile Computing</i> , <b>2021</b> , 2021, 1-19	1.9	1
825	Secure user authentication mechanism for IoT-enabled Wireless Sensor Networks based on multiple Bloom filters. <i>Journal of Systems Architecture</i> , <b>2021</b> , 120, 102296	5.5	3
824	An Intelligent Phishing Detection Scheme Using Machine Learning. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 151-165	0.4	3
823	IoT Network Traffic Classification Using Machine Learning Algorithms: An Experimental Analysis. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1

822	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-10	6.1	1
821	A Hybrid Deep Reinforcement Learning For Autonomous Vehicles Smart-Platooning. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	19
820	Private blockchain-envisioned multi-authority CP-ABE-based user access control scheme in IIoT. <i>Computer Communications</i> , <b>2021</b> , 169, 99-113	5.1	14
819	SDN/NFV architectures for edge-cloud oriented IoT: A systematic review. <i>Computer Communications</i> , <b>2021</b> , 169, 129-153	5.1	29
818	Blockchain for decentralized multi-drone to combat COVID-19 and future pandemics: Framework and proposed solutions. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2021</b> , 32, e4255	1.9	29
817	A novel approach to optimize the production cost of railway coaches of India using situational-based composite triangular and trapezoidal fuzzy LPP models. <i>Complex &amp; Intelligent Systems</i> , <b>2021</b> , 7, 2053	7.1	6
816	Energy and SLA-driven MapReduce Job Scheduling Framework for Cloud-based Cyber-Physical Systems. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-24	3.8	0
815	A Novel UAV-Enabled Data Collection Scheme for Intelligent Transportation System Through UAV Speed Control. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2100-2110	6.1	30
814	Federated Learning Meets Human Emotions: A Decentralized Framework for Human-Computer Interaction for IoT Applications. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 6949-6962	10.7	12
813	Resource-Ability Assisted Service Function Chain Embedding and Scheduling for 6G Networks With Virtualization. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 3846-3859	6.8	10
812	Blockchain-Envisioned UAV Communication Using 6G Networks: Open Issues, Use Cases, and Future Directions. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 5416-5441	10.7	31
811	UAV-Assisted 5G/6G Networks: Joint Scheduling and Resource Allocation Based on Asynchronous Reinforcement Learning <b>2021</b> ,		2
810	PFIN: An Efficient Particle Filter-Based Indoor Navigation Framework for UAVs. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 4984-4992	6.8	7
809	An Efficient and Secure Certificate-Based Access Control and Key Agreement Scheme for Flying Ad-Hoc Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 4839-4851	6.8	21
808	Early Collision Detection for Massive Random Access in Satellite-Based Internet of Things. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 5184-5189	6.8	30
807	Artificial Intelligence Technologies for COVID-19-Like Epidemics: Methods and Challenges. <i>IEEE Network</i> , <b>2021</b> , 35, 27-33	11.4	12
806	Blockchain-based scheme for the mobile number portability. <i>Journal of Information Security and Applications</i> , <b>2021</b> , 58, 102764	3.5	1
805	SCBS: A Short Certificate-Based Signature Scheme With Efficient Aggregation for Industrial-Internet-of-Things Environment. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9305-9316	10.7	5

804	Fuzzy Logic in Surveillance Big Video Data Analysis. <i>ACM Computing Surveys</i> , <b>2021</b> , 54, 1-33	13.4	6
803	FedDPGAN: Federated Differentially Private Generative Adversarial Networks Framework for the Detection of COVID-19 Pneumonia. <i>Information Systems Frontiers</i> , <b>2021</b> , 1-13	4	10
802	Block6Tel: Blockchain-based Spectrum Allocation Scheme in 6G-envisioned Communications <b>2021</b> ,		2
801	AI and Blockchain-Based Cloud-Assisted Secure Vaccine Distribution and Tracking in IoMT-Enabled COVID-19 Environment. <i>IEEE Internet of Things Magazine</i> , <b>2021</b> , 4, 26-32	3.5	6
800	GiNA: A Blockchain-based Gaming scheme towards Ethereum 2.0 <b>2021</b> ,		1
799	Res6Edge: An Edge-AI Enabled Resource Sharing Scheme for C-V2X Communications towards 6G <b>2021</b> ,		5
798	Rotating behind Privacy: An Improved Lightweight Authentication Scheme for Cloud-based IoT Environment. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-19	3.8	18
797	EPRT: An Efficient Privacy-Preserving Medical Service Recommendation and Trust Discovery Scheme for eHealth System. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-24	3.8	3
796	<b>2021</b> ,		10
795	Secrecy-ensured NOMA-based cooperative D2D-aided fog computing under imperfect CSI. <i>Journal of Information Security and Applications</i> , <b>2021</b> , 59, 102812	3.5	4
794	Lightweight Failover Authentication Mechanism for IoT-Based Fog Computing Environment. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1417	2.6	5
793	Storage as a service in Fog computing : A systematic review. <i>Journal of Systems Architecture</i> , <b>2021</b> , 116, 102033	5.5	9
792	Blockchain for Diamond Industry: Opportunities and Challenges. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 8747-8773	10.7	8
791	Interference Mitigation and Secrecy Ensured for NOMA-Based D2D Communications Under Imperfect CSI <b>2021</b> ,		1
790	eDiaPredict: An Ensemble-based Framework for Diabetes Prediction. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2021</b> , 17, 1-26	3.4	5
789	SDN-chain: Privacy-preserving protocol for software defined networks using blockchain. <i>Security and Privacy</i> , <b>2021</b> , 4, e178	1.8	1
788	Blockchain-based royalty contract transactions scheme for Industry 4.0 supply-chain management. <i>Information Processing and Management</i> , <b>2021</b> , 58, 102586	6.3	16
787	Guest Editorial Introduction to the Special Issue on Deep Learning Models for Safe and Secure Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 4224-4229	6.1	1

786	Fusion of AI techniques to tackle COVID-19 pandemic: models, incidence rates, and future trends. <i>Multimedia Systems</i> , <b>2021</b> , 1-34	2.2	1
785	BloTHR: Electronic Health Record Servicing Scheme in IoT-Blockchain Ecosystem. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 10857-10872	10.7	18
784	A Multi-graph Convolutional Network Framework for Tourist Flow Prediction. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-13	3.8	2
783	A CNN-based scheme for COVID-19 detection with emergency services provisions using an optimal path planning. <i>Multimedia Systems</i> , <b>2021</b> , 1-15	2.2	0
782	Smart Contract-Based Blockchain-Envisioned Authentication Scheme for Smart Farming. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 10792-10806	10.7	28
781	A Novel Three-Factor Authentication Protocol for Wireless Sensor Networks With IoT Notion. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 1120-1129	4.3	21
780	BLWN: Blockchain-Based Lightweight Simplified Payment Verification in IoT-Assisted e-Healthcare. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 134-145	4.3	6
779	SFECC: Provably Secure Signcryption-Based Big Data Security Framework for Energy-Efficient Computing Environment. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 598-606	4.3	3
778	CoMHisP: A Novel Feature Extractor for Histopathological Image Classification Based on Fuzzy SVM With Within-Class Relative Density. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 103-117	8.3	14
777	URJA: Usage Jammer as a Resource Allocation for Secure Transmission in a CR-NOMA-Based 5G Femtocell System. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 1776-1785	4.3	7
776	Consortium blockchain-enabled access control mechanism in edge computing based generic Internet of Things environment. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2021</b> , 32, e3995	1.9	7
775	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 3557-3566	6.1	13
774	Secure Storage Auditing With Efficient Key Updates for Cognitive Industrial IoT Environment. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4238-4247	11.9	4
773	. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 3664-3672	4.3	17
772	Energy-Aware Marine Predators Algorithm for Task Scheduling in IoT-Based Fog Computing Applications. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 5068-5076	11.9	45
771	Blockchain for IoT-Based Healthcare: Background, Consensus, Platforms, and Use Cases. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 85-94	4.3	85
770	Deep-Learning-Based Blockchain Framework for Secure Software-Defined Industrial Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 606-616	11.9	24
769	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 903-912	11.9	33

768	Cross-Layer Interference Management Scheme for D2D Mobile Users Using NOMA. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 3109-3120	4.3	12
767	Robust Spammer Detection Using Collaborative Neural Network in Internet-of-Things Applications. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9549-9558	10.7	48
766	KiRTi: A Blockchain-Based Credit Recommender System for Financial Institutions. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 1044-1054	4.9	10
765	EnFlow: An Energy-Efficient Fast Flow Forwarding Scheme for Software-Defined Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 5293-5309	6.1	1
764	A Provably Secure and Lightweight Identity-Based Two-Party Authenticated Key Agreement Protocol for IIoT Environments. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 1732-1741	4.3	15
763	Green Computing in Software Defined Social Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 3644-3653	6.1	10
762	Healthcare system. <i>Advances in Computers</i> , <b>2021</b> , 121, 483-493	2.9	0
761	Deep-Reinforcement-Learning-Based Proportional Fair Scheduling Control Scheme for Underlay D2D Communication. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 3143-3156	10.7	24
760	. <i>IEEE Network</i> , <b>2021</b> , 35, 318-325	11.4	11
759	Smart Secure Sensing for IoT-Based Agriculture: Blockchain Perspective. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 17591-17607	4	46
758	Designing Anonymous Signature-Based Authenticated Key Exchange Scheme for Internet of Things-Enabled Smart Grid Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4425-4436	11.9	18
757	Neural-Architecture-Search-Based Multiobjective Cognitive Automation System. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 2918-2925	4.3	1
756	Efficient Power-Splitting and Resource Allocation for Cellular V2X Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 3547-3556	6.1	23
755	Blockchain-Enabled Certificate-Based Authentication for Vehicle Accident Detection and Notification in Intelligent Transportation Systems. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 15824-15838	4	22
754	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 3939-3951	6.1	18
753	Blockchain 2.0: Smart contracts. <i>Advances in Computers</i> , <b>2021</b> , 121, 301-322	2.9	10
752	An Efficient Blockchain-Based Authentication Scheme for Energy-Trading in V2G Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 6971-6980	11.9	11
751	Private blockchain-based access control mechanism for unauthorized UAV detection and mitigation in Internet of Drones environment. <i>Computer Communications</i> , <b>2021</b> , 166, 91-109	5.1	31



750	An Energy-Efficient Cache Localization Technique for D2D Communication in IoT Environment. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 4816-4829	10.7	0
749	History of blockchain-Blockchain 1.0: Currency. <i>Advances in Computers</i> , <b>2021</b> , 121, 147-169	2.9	2
748	Basics of blockchain. <i>Advances in Computers</i> , <b>2021</b> , 121, 129-146	2.9	4
747	Cryptocurrencies. <i>Advances in Computers</i> , <b>2021</b> , 227-266	2.9	0
746	Blockchain-based efficient communication for food supply chain industry: Transparency and traceability analysis for sustainable business. <i>International Journal of Communication Systems</i> , <b>2021</b> , 34, e4696	1.7	22
745	Designing Secure User Authentication Protocol for Big Data Collection in IoT-Based Intelligent Transportation System. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 7727-7744	10.7	18
744	AI-Enabled Blockchain-Based Access Control for Malicious Attacks Detection and Mitigation in IoE. <i>IEEE Consumer Electronics Magazine</i> , <b>2021</b> , 10, 82-92	3.2	9
743	Secrecy Rate Maximization in Virtual-MIMO Enabled SWIPT for 5G Centric IoT Applications. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 2810-2821	4.3	6
742	Software-defined networking security for private data center networks and clouds: Vulnerabilities, attacks, countermeasures, and solutions. <i>International Journal of Communication Systems</i> , <b>2021</b> , 34, e4706	1.7	8
741	Designing Blockchain-Based Access Control Protocol in IoT-Enabled Smart-Grid System. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 5744-5761	10.7	56
740	ALPHA: An Anonymous Orthogonal Code-Based Privacy Preserving Scheme for Industrial CyberPhysical Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 7716-7724	11.9	7
739	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 5599-5606	10.7	16
738	DCNN-GA: A Deep Neural Net Architecture for Navigation of UAV in Indoor Environment. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 4448-4460	10.7	14
737	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 10237-10247	10.7	5
736	Secure Multifactor Authenticated Key Agreement Scheme for Industrial IoT. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 3801-3811	10.7	34
735	Reducing Data Gathering Delay for Energy Efficient Wireless Data Collection by Jointly Optimizing Path and Speed of Mobile Sink. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 3173-3184	4.3	5
734	Machine learning models and techniques for VANET based traffic management: Implementation issues and challenges. <i>Peer-to-Peer Networking and Applications</i> , <b>2021</b> , 14, 1778-1805	3.1	17
733	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 603-610	14.2	64

732	Designing Authenticated Key Management Scheme in 6G-Enabled Network in a Box Deployed for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 7174-7184	11.9	10
731	. <i>IEEE Network</i> , <b>2021</b> , 35, 160-167	11.4	36
730	Cryptographic technologies and protocol standards for Internet of Things. <i>Internet of Things (Netherlands)</i> , <b>2021</b> , 14, 100075	6.9	28
729	. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 1-1	3.9	15
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76	Battery power and trust based routing strategy for MANET <b>2014</b> ,		2
75	An intelligent clustering algorithm for VANETs <b>2014</b> ,		6
74	SCARP: Scalable congestion aware replication protocol <b>2014</b> ,		2
73	EEMHR: Energy-efficient multilevel heterogeneous routing protocol for wireless sensor networks. <i>International Journal of Communication Systems</i> , <b>2014</b> , 27, 1289-1318	1.7	36
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71	Peer-to-Peer Cooperative Caching for Data Dissemination in Urban Vehicular Communications. <i>IEEE Systems Journal</i> , <b>2014</b> , 8, 1136-1144	4.3	64
70	A survey on proactive routing protocols in MANETs <b>2014</b> ,		9
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68	Learning Automata-based Opportunistic Data Aggregation and Forwarding scheme for alert generation in Vehicular Ad Hoc Networks. <i>Computer Communications</i> , <b>2014</b> , 39, 22-32	5.1	67
67	Concurrent multipath transmission with forward error correction mechanism to overcome burst packet losses for delay-sensitive video streaming in wireless home networks. <i>Multimedia Tools and Applications</i> , <b>2013</b> , 65, 201-220	2.5	9

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62	Learning Automata Based Contention Aware Data Forwarding Scheme for Safety Applications in Vehicular Ad Hoc Networks <b>2013</b> ,		1
61	Efficient TDMA based virtual back off algorithm for adaptive data dissemination in VANETs <b>2013</b> ,		6
60	Probabilistic trust aware data replica placement strategy for online video streaming applications in vehicular delay tolerant networks. <i>Mathematical and Computer Modelling</i> , <b>2013</b> , 58, 3-14		18
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56	ELACCA: Efficient Learning Automata Based Cell Clustering Algorithm for Wireless Sensor Networks. <i>Wireless Personal Communications</i> , <b>2013</b> , 73, 1495-1512	1.9	26
55	UBMR-CA: Utility-based multicast routing and channel assignment with varying traffic demands in multi-radio multi-channel wireless mesh networks. <i>Mathematical and Computer Modelling</i> , <b>2013</b> , 57, 2750-2763 <sup>14</sup>		
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53	EHE-LEACH: Enhanced heterogeneous LEACH protocol for lifetime enhancement of wireless SNs <b>2013</b> ,		33
52	Anonymous two-factor authentication for consumer roaming service in global mobility networks. <i>IEEE Transactions on Consumer Electronics</i> , <b>2013</b> , 59, 811-817	4.8	62
51	A novel linear polynomial-based dynamic key management scheme for hierarchical access control. <i>International Journal of Trust Management in Computing and Communications</i> , <b>2013</b> , 1, 156		3
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40	A novel minimum delay maximum flow multicast algorithm to construct a multicast tree in wireless mesh networks. <i>Computers and Mathematics With Applications</i> , <b>2012</b> , 63, 481-491	2.7	9
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38	Dynamic Web caching: For robustness, low latency & disconnection handling <b>2012</b> ,		4
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28	Design & development of autonomous system to build 3D model for underwater objects using stereo vision technique <b>2011</b> ,		1
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3	Security in IoT-enabled smart agriculture: architecture, security solutions and challenges. <i>Cluster Computing</i> ,1	2.1	6
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