

Joel J P C Rodrigues

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.

970
papers

18,566
citations

67
h-index

97
g-index

1,122
ext. papers

24,312
ext. citations

4.5
avg, IF

7.83
L-index

#	Paper	IF	Citations
970	Sensing Apps and Public Data Sets for Digital Phenotyping of Mental Health: Systematic Review.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e28735	7.6	3
969	Performance Evaluation of Fuzzy-Based Routing Protocols for Opportunistic Networks. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 61-77	0.4	
968	Authenticated Key Agreement protocol for Secure Communication Establishment in Vehicle-to-Grid Environment with FPGA Implementation. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	3
967	Performance Evaluation of an IoT Edge-Based Computer Vision Scheme for Agglomerations Detection Covid-19 Scenarios. <i>Lecture Notes in Networks and Systems</i> , 2022 , 1-12	0.5	
966	Fog computing in enabling 5G-driven emerging technologies for development of sustainable smart city infrastructures. <i>Cluster Computing</i> , 2022 , 25, 1111	2.1	3
965	A Queueing-Based Model Performance Evaluation for Internet of People Supported by Fog Computing. <i>Future Internet</i> , 2022 , 14, 23	3.3	0
964	Identifying fraud in medical insurance based on blockchain and deep learning. <i>Future Generation Computer Systems</i> , 2022 , 130, 140-154	7.5	6
963	BlockFITS: A Federated Data Augmentation Modelling for Blockchain-Based IoVT Systems. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 253-262	0.4	1
962	Medical data security of wearable tele-rehabilitation under internet of things 2022 , 2, 1-11		3
961	Geocommunity Based Data Forwarding in Social Delay Tolerant Networks. <i>Lecture Notes in Networks and Systems</i> , 2022 , 421-442	0.5	
960	Distributed Intelligence Over Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	0
959	DCGCR: Dynamic Clustering Green Communication Routing for Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-9	6.1	0
958	Novel Enhanced-Grey Wolf Optimization hybrid machine learning technique for biomedical data computation. <i>Computers and Electrical Engineering</i> , 2022 , 99, 107778	4.3	10
957	Oppositional chaos game optimization based clustering with trust based data transmission protocol for intelligent IoT edge systems. <i>Journal of Parallel and Distributed Computing</i> , 2022 , 164, 142-154	11.4	1
956	Security and Privacy Threats in IoT-Enabled Smart Cities. <i>Internet of Things</i> , 2022 , 277-300	1.3	
955	Energy Harvesting for Sustainability. <i>Internet of Things</i> , 2022 , 245-258	1.3	
954	ICN Based Efficient Content Caching Scheme for Vehicular Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-9	6.1	

953	Futuristic view of the Internet of Quantum Drones: Review, challenges and research agenda. <i>Vehicular Communications</i> , 2022 , 100487	5.7	3
952	Digital Twin-enabled IoMT System for Surgical Simulation using rAC-GAN. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
951	ASCP-IoMT: AI-Enabled Lightweight Secure Communication Protocol for Internet of Medical Things. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
950	A Fault-Tolerant and Secure Architecture for Key Management in LoRaWAN based on Permissioned Blockchain. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
949	Adaptive Intrusion Detection in Edge Computing using Cerebellar Model Articulation Controller and Spline Fit. <i>IEEE Transactions on Services Computing</i> , 2022 , 1-1	4.8	
948	LSTM-Based Emotion Detection Using Physiological Signals: IoT Framework for Healthcare and Distance Learning in COVID-19.. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 16863-16871	10.7	19
947	V2X Communication based Dynamic Topology Control in VANETs 2021 ,		1
946	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	17
945	Named Data Networking-Based On-Demand Secure Vehicle-To-Vehicle Communications. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-15	1.9	1
944	Automated CCA-MWF algorithm for unsupervised identification and removal of EOG artifacts from EEG. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	2
943	Coalition Game and Blockchain-Based Optimal Data Pricing Scheme for Ride Sharing Beyond 5G. <i>IEEE Systems Journal</i> , 2021 , 1-10	4.3	13
942	SaTYa: Trusted Bi-LSTM-Based Fake News Classification Scheme for Smart Community. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-10	4.5	2
941	An Identity-Based Authentication Protocol for the Telecare Medical Information System (TMIS) Using a Physically Unclonable Function. <i>IEEE Systems Journal</i> , 2021 , 1-8	4.3	2
940	Performance Evaluation of MPTCP Incast Based on Queuing Network. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1	4	0
939	Graph Neural Networks-driven Traffic Forecasting for Connected Internet of Vehicles. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	27
938	Numerical Study of the Environmental and Economic System through the Computational Heuristic Based on Artificial Neural Networks. <i>Sensors</i> , 2021 , 21,	3.8	4
937	. <i>IEEE Communications Magazine</i> , 2021 , 59, 80-85	9.1	6
936	Artificial Neural Networks to Solve the Singular Model with Neumann-Robin, Dirichlet and Neumann Boundary Conditions. <i>Sensors</i> , 2021 , 21,	3.8	1

935	Special Issue on Toward Intelligent Internet of Medical Things and its COVID-19 Applications and Beyond <i>IEEE Internet of Things Journal</i> , 2021 , 8, 15649-15651	10.7	
934	. <i>IEEE Network</i> , 2021 , 35, 18-25	11.4	6
933	Private blockchain-envisioned multi-authority CP-ABE-based user access control scheme in IIoT. <i>Computer Communications</i> , 2021 , 169, 99-113	5.1	14
932	Price-based demand response for household load management with interval uncertainty. <i>Energy Reports</i> , 2021 , 7, 8493-8493	4.6	16
931	A fuzzy-based check-and-spray geocast routing protocol for opportunistic networks. <i>Journal of High Speed Networks</i> , 2021 , 27, 1-12	0.4	2
930	Novel congestion avoidance scheme for Internet of Drones. <i>Computer Communications</i> , 2021 , 169, 202-210	10.0	6
929	Short-Packet Communications for MIMO NOMA Systems Over Nakagami-m Fading: BLER and Minimum Blocklength Analysis. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3583-3598	6.8	17
928	RegPrice: Region-Based Pricing Scheme for Provisioning Safety-as-a-Service in IoT Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3017-3026	6.8	3
927	Planning Fog networks for time-critical IoT requests. <i>Computer Communications</i> , 2021 , 172, 75-83	5.1	6
926	Evolutionary Integrated Heuristic with Gudermannian Neural Networks for Second Kind of Lane Emden Nonlinear Singular Models. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4725	2.6	12
925	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7902-7911	10.7	9
924	Task Offloading and Caching for Mobile Edge Computing 2021 ,		2
923	HiLSeR: Hierarchical learning-based sectionalised routing paradigm for pervasive communication and Resource efficiency in opportunistic IoT network. <i>Sustainable Computing: Informatics and Systems</i> , 2021 , 30, 100508	3	5
922	Adaptive recurrent NeuroFuzzy control for power system stability in smart cities. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 45, 101089	4.7	3
921	2021 ,		10
920	Intrusion Detection in Green Internet of Things: A Deep Deterministic Policy Gradient-Based Algorithm. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 778-788	4	4
919	Lightweight Failover Authentication Mechanism for IoT-Based Fog Computing Environment. <i>Electronics (Switzerland)</i> , 2021 , 10, 1417	2.6	5
918	Reinforcement learning-based fuzzy geocast routing protocol for opportunistic networks. <i>Internet of Things (Netherlands)</i> , 2021 , 14, 100384	6.9	2

917	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3869-3879	6.1	4
916	An efficient anonymous authentication and key agreement scheme with privacy-preserving for smart cities. <i>International Journal of Distributed Sensor Networks</i> , 2021 , 17, 155014772110268	1.7	13
915	SDN-chain: Privacy-preserving protocol for software defined networks using blockchain. <i>Security and Privacy</i> , 2021 , 4, e178	1.8	1
914	Intrusion detection based on hybrid classifiers for smart grid. <i>Computers and Electrical Engineering</i> , 2021 , 93, 107212	4.3	5
913	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10308-10317	10.7	11
912	A Service Sustainable Live Migration Strategy for Multiple Virtual Machines in Cloud Data Centers. <i>Big Data Research</i> , 2021 , 25, 100213	3.7	2
911	Anomaly Detection Using Deep Neural Network for IoT Architecture. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7050	2.6	11
910	A novel Internet of things-based plug-and-play multigas sensor for environmental monitoring. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e3967	1.9	
909	Link Optimization in Software Defined IoV Driven Autonomous Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3511-3520	6.1	17
908	Decision support system on credit operation using linear and logistic regression. <i>Expert Systems</i> , 2021 , 38, e12578	2.1	1
907	A methodology for detection and classification of power quality disturbances using a real-time operating system in the context of home energy management systems. <i>International Journal of Energy Research</i> , 2021 , 45, 203-219	4.5	5
906	A new IoT-based smart energy meter for smart grids. <i>International Journal of Energy Research</i> , 2021 , 45, 189-202	4.5	14
905	Neuro-fuzzy model for HELLP syndrome prediction in mobile cloud computing environments. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, 1-1	1.4	6
904	Multilevel Graph-Based Decision Making in Big Scholarly Data: An Approach to Identify Expert Reviewer, Finding Quality Impact Factor, Ranking Journals and Researchers. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 280-292	4.1	10
903	A deep learning-based social distance monitoring framework for COVID-19. <i>Sustainable Cities and Society</i> , 2021 , 65, 102571	10.1	93
902	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5389-5402	6.1	5
901	Optimal Security-Aware Virtual Machine Management for Mobile Edge Computing Over 5G Networks. <i>IEEE Systems Journal</i> , 2021 , 15, 3403-3414	4.3	3
900	. <i>IEEE Systems Journal</i> , 2021 , 15, 3142-3149	4.3	6

899	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5511-5521	11.9	21
898	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5012-5020	11.9	13
897	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12705-12715	10.7	12
896	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
895	A lightweight cyber security framework with context-awareness for pervasive computing environments. <i>Sustainable Cities and Society</i> , 2021 , 66, 102610	10.1	6
894	Cyber-physical systems architectures for industrial internet of things applications in Industry 4.0: A literature review. <i>Journal of Manufacturing Systems</i> , 2021 , 58, 176-192	9.1	72
893	Software-defined networking security for private data center networks and clouds: Vulnerabilities, attacks, countermeasures, and solutions. <i>International Journal of Communication Systems</i> , 2021 , 34, e4706	1.7	8
892	Using augmented reality and deep learning to enhance Taxila Museum experience. <i>Journal of Real-Time Image Processing</i> , 2021 , 18, 321-332	1.9	12
891	Deep Learning Based Autonomous Vehicle Super Resolution DOA Estimation for Safety Driving. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4301-4315	6.1	28
890	A survey on privacy and access control schemes in fog computing. <i>International Journal of Communication Systems</i> , 2021 , 34, e4181	1.7	12
889	Energy-Efficient Fuzzy Geocast Routing Protocol for Opportunistic Networks. <i>Lecture Notes in Networks and Systems</i> , 2021 , 553-565	0.5	1
888	Left-Right-Front Caching Strategy for Vehicular Networks in ICN-Based Internet of Things. <i>IEEE Access</i> , 2021 , 9, 595-605	3.5	3
887	. <i>IEEE Network</i> , 2021 , 35, 16-19	11.4	5
886	An Efficient Context-Aware Vehicle Incidents Route Service Management for Intelligent Transport System. <i>IEEE Systems Journal</i> , 2021 , 1-12	4.3	6
885	An Anonymous Batch Authentication and Key Exchange Protocols for 6G Enabled VANETs. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-9	6.1	15
884	Towards Response Time Minimization Considering Energy Consumption in Caching Assisted Vehicular Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	6
883	Design of Morlet Wavelet Neural Network for Solving a Class of Singular Pantograph Nonlinear Differential Models. <i>IEEE Access</i> , 2021 , 1-1	3.5	21
882	ML-Net: Multi-Channel Lightweight Network for Detecting Myocardial Infarction. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 3721-3731	7.2	4

881	Applications of Cognitive Intelligence in the Information Retrieval Process and Associated Challenges. <i>International Journal of Cognitive Informatics and Natural Intelligence</i> , 2021 , 15, 26-38	0.9	3
880	IoT enabled depthwise separable convolution neural network with deep support vector machine for COVID-19 diagnosis and classification. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 1-14	3.8	26
879	A Blockchain Framework in Post-Quantum Decentralization. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	1
878	Environment friendly green data broadcasting in delay-tolerant opportunistic networks 2021 , 135-157		0
877	Vehicular delay-tolerant networks 2021 , 59-78		
876	Secure and Authenticated Data Access and Sharing Model for Smart Wearable Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	
875	A Group Discovery Method Based on Collaborative Filtering and Knowledge Graph for IoT Scenarios. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-12	4.5	2
874	Provably Secure Authentication Protocol for Mobile Clients in IoT Environment using Puncturable Pseudorandom Function. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
873	An introduction to delay and disruption tolerant networks (DTNs) 2021 , 1-20		1
872	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 300-310	14.2	36
871	. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1736-1751	6.8	24
870	. <i>IEEE Network</i> , 2021 , 35, 26-33	11.4	3
869	Lightweight and Efficient Dynamic Cluster Head Election Routing Protocol for Wireless Sensor Networks. <i>Sensors</i> , 2021 , 21,	3.8	1
868	Applying deep learning-based multi-modal for detection of coronavirus. <i>Multimedia Systems</i> , 2021 , 1-12	2.2	8
867	Comparative Analysis of Low Discrepancy Sequence-Based Initialization Approaches Using Population-Based Algorithms for Solving the Global Optimization Problems. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7591	2.6	20
866	Edge computing-based person detection system for top view surveillance: Using CenterNet with transfer learning. <i>Applied Soft Computing Journal</i> , 2021 , 107, 107489	7.5	7
865	The Blockchain Solution for the Security of Internet of Energy and Electric Vehicle Interface. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 7495-7508	6.8	2
864	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5319-5328	6.1	15

863	Aligning the interests of prosumers and utilities through a two-step demand-response approach. <i>Journal of Cleaner Production</i> , 2021 , 323, 128993	10.3	3
862	UAV-Assisted Wireless Localization for Search and Rescue. <i>IEEE Systems Journal</i> , 2021 , 15, 3261-3272	4.3	13
861	. <i>IEEE Consumer Electronics Magazine</i> , 2021 , 10, 72-81	3.2	16
860	OLP RESTful Open Low-Code Platform. <i>Future Internet</i> , 2021 , 13, 249	3.3	1
859	Soft Computing Paradigms to Find the Numerical Solutions of a Nonlinear Influenza Disease Model. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8549	2.6	1
858	Studying the Impact of Initialization for Population-Based Algorithms with Low-Discrepancy Sequences. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8190	2.6	5
857	An Efficient Privacy-Preserving Authenticated Key Establishment Protocol for Health Monitoring in Industrial Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	6
856	Security in 5G-Enabled Internet of Things Communication: Issues, Challenges, and Future Research Roadmap. <i>IEEE Access</i> , 2021 , 9, 4466-4489	3.5	11
855	Conditional Support-Vector-Machine-Based Shared Adaptive Computing Model for Smart City Traffic Management. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-10	4.5	3
854	Designing Fine-grained Access Control for Software Defined Networks using Private Blockchain. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	8
853	Evaluation of HMIPv6 Algorithm in 5G Mmwave Single and Dual Connectivity Handover Network. <i>IEEE Systems Journal</i> , 2021 , 1-7	4.3	
852	Caching Assisted Correlated Task Offloading for IoT Devices in Mobile Edge Computing 2021 ,		1
851	Energy-Efficient Check-and-Spray Geocast Routing Protocol for Opportunistic Networks. <i>Information (Switzerland)</i> , 2020 , 11, 504	2.6	7
850	Data-Driven Joint Resource Allocation in Large-scale Heterogeneous Wireless Networks. <i>IEEE Network</i> , 2020 , 34, 163-169	11.4	2
849	Intelligent Resource Allocation for Utility Optimization in RSU-Empowered Vehicular Network. <i>IEEE Access</i> , 2020 , 8, 94453-94462	3.5	12
848	Blockchain Applied to Vehicular Odometers. <i>IEEE Network</i> , 2020 , 34, 62-68	11.4	14
847	Comparative study of support vector machines and random forests machine learning algorithms on credit operation. <i>Software - Practice and Experience</i> , 2020 ,	2.5	3
846	Feature selection and evaluation for software usability model using modified moth-flame optimization. <i>Computing (Vienna/New York)</i> , 2020 , 102, 1503-1520	2.2	10

845	An anonymous and identity-trackable data transmission scheme for smart grid under smart city notion. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2020 , 75, 307-317	2	2
844	. <i>IEEE Network</i> , 2020 , 34, 108-115	11.4	13
843	Automatic Vehicle License Plate Recognition Using Optimal K-Means With Convolutional Neural Network for Intelligent Transportation Systems. <i>IEEE Access</i> , 2020 , 8, 92907-92917	3.5	27
842	Dynamic Resource Allocation in Fog-Cloud Hybrid Systems Using Multicriteria AHP Techniques. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 8993-9000	10.7	9
841	. <i>IEEE Access</i> , 2020 , 8, 113790-113806	3.5	13
840	Looking at Fog Computing for E-Health through the Lens of Deployment Challenges and Applications. <i>Sensors</i> , 2020 , 20,	3.8	10
839	Authentication Protocols in Internet of Vehicles: Taxonomy, Analysis, and Challenges. <i>IEEE Access</i> , 2020 , 8, 54314-54344	3.5	34
838	Performance comparison of programming languages for Internet of Things middleware. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e3891	1.9	1
837	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5535-5548	6.8	32
836	Cache Poisoning Prevention Scheme in 5G-enabled Vehicular Networks: A Tangle-based Theoretical Perspective 2020 ,		2
835	Hybrid chaotic firefly decision making model for Parkinson's disease diagnosis. <i>International Journal of Distributed Sensor Networks</i> , 2020 , 16, 155014771989521	1.7	15
834	Energy and delay efficient fog computing using caching mechanism. <i>Computer Communications</i> , 2020 , 154, 534-541	5.1	27
833	Designing Efficient Sinkhole Attack Detection Mechanism in Edge-Based IoT Deployment. <i>Sensors</i> , 2020 , 20,	3.8	14
832	Enhancing Key Management in LoRaWAN with Permissioned Blockchain. <i>Sensors</i> , 2020 , 20,	3.8	16
831	Data Flow and Distributed Deep Neural Network based low latency IoT-Edge computation model for big data environment. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 94, 103785	7.2	6
830	Near real-time security system applied to SDN environments in IoT networks using convolutional neural network. <i>Computers and Electrical Engineering</i> , 2020 , 86, 106738	4.3	27
829	Formation of gigahertz pulse train by chirped terahertz pulses interference. <i>Scientific Reports</i> , 2020 , 10, 9463	4.9	1
828	Agent Pseudonymous Authentication-Based Conditional Privacy Preservation: An Emergent Intelligence Technique. <i>IEEE Systems Journal</i> , 2020 , 14, 5233-5244	4.3	8

827	Decentralized Private Information Sharing Protocol on Social Networks. <i>Security and Communication Networks</i> , 2020 , 2020, 1-12	1.9	2
826	Deep learning recognition of diseased and normal cell representation. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 32, e4017	1.9	14
825	Back Propagation Neural Network Based Cluster Head Identification in MIMO Sensor Networks for Intelligent Transportation Systems. <i>IEEE Access</i> , 2020 , 8, 28524-28532	3.5	29
824	Message trust-based secure multipath routing protocol for opportunistic networks. <i>International Journal of Communication Systems</i> , 2020 , 33, e4364	1.7	6
823	Agent negotiation in an IoT-Fog based power distribution system for demand reduction. <i>Sustainable Energy Technologies and Assessments</i> , 2020 , 38, 100653	4.7	9
822	An SDN approach to route massive data flows of sensor networks. <i>International Journal of Communication Systems</i> , 2020 , 33, e4309	1.7	7
821	Cascading handcrafted features and Convolutional Neural Network for IoT-enabled brain tumor segmentation. <i>Computer Communications</i> , 2020 , 153, 196-207	5.1	31
820	Improving weather dependent zone specific irrigation control scheme in IoT and big data enabled self driven precision agriculture mechanism. <i>Enterprise Information Systems</i> , 2020 , 14, 1494-1515	3.5	9
819	A mobility solution for low power and lossy networks using the LOADng protocol. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e3878	1.9	3
818	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 1319-1327	6.8	9
817	. <i>IEEE Sensors Journal</i> , 2020 , 20, 12040-12048	4	10
816	DAGIoV: A Framework for Vehicle to Vehicle Communication Using Directed Acyclic Graph and Game Theory. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4182-4191	6.8	36
815	Aggregator based RPL for an IoT-fog based power distribution system with 6LoWPAN. <i>China Communications</i> , 2020 , 17, 104-117	3	5
814	An adaptive data compression mechanism for smart meters considering a demand side management scenario. <i>Journal of Cleaner Production</i> , 2020 , 255, 120190	10.3	8
813	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 7783-7794	10.7	3
812	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 7707-7722	6.8	13
811	Interference-aware clustering approach improving QoS for linear WSNs using a token-based MAC protocol. <i>International Journal of Communication Systems</i> , 2020 , 33, e4404	1.7	1
810	Multi-Authority CP-ABE-Based user access control scheme with constant-size key and ciphertext for IoT deployment. <i>Journal of Information Security and Applications</i> , 2020 , 53, 102503	3.5	10

809	A Survey on Security and Privacy Challenges in Device Discovery for Next-Generation Systems. <i>IEEE Access</i> , 2020 , 8, 84584-84603	3.5	8
808	PSSCC: Provably secure communication framework for crowdsourced industrial Internet of Things environments. <i>Software - Practice and Experience</i> , 2020 ,	2.5	5
807	Local Mutual Exclusion algorithm using fuzzy logic for Flying Ad hoc Networks. <i>Computer Communications</i> , 2020 , 156, 101-111	5.1	9
806	Smart Parking Sensors: State of the Art and Performance Evaluation. <i>Journal of Cleaner Production</i> , 2020 , 262, 121181	10.3	18
805	Computational Learning Approaches for Personalized Pregnancy Care. <i>IEEE Network</i> , 2020 , 34, 106-111	11.4	2
804	A Smart Waste Management Solution Geared towards Citizens. <i>Sensors</i> , 2020 , 20,	3.8	33
803	RLProph: a dynamic programming based reinforcement learning approach for optimal routing in opportunistic IoT networks. <i>Wireless Networks</i> , 2020 , 26, 4319-4338	2.5	10
802	BAKMP-IoMT: Design of Blockchain Enabled Authenticated Key Management Protocol for Internet of Medical Things Deployment. <i>IEEE Access</i> , 2020 , 8, 95956-95977	3.5	51
801	. <i>IEEE Access</i> , 2020 , 8, 229152-229160	3.5	10
800	Visualization and performance analysis on 5G network slicing for drones 2020 ,		2
799	An IoT-Based Solution for Smart Parking. <i>Lecture Notes in Networks and Systems</i> , 2020 , 213-224	0.5	1
798	Network Management and Monitoring Solutions for Vehicular Networks: A Survey. <i>Electronics (Switzerland)</i> , 2020 , 9, 853	2.6	6
797	Artificial neural network and Bayesian network models for credit risk prediction. <i>Journal of Artificial Intelligence and Systems</i> , 2020 , 2, 118-132	3.3	12
796	A Game Theoretical Pricing Scheme for Vehicles in Vehicular Edge Computing 2020 ,		2
795	A preference-based demand response mechanism for energy management in a microgrid. <i>Journal of Cleaner Production</i> , 2020 , 255, 120034	10.3	28
794	Deep reinforcement learning based optimal channel selection for cognitive radio vehicular ad-hoc network. <i>IET Communications</i> , 2020 , 14, 3464-3471	1.3	3
793	An Integrated Hybrid CNN&BNN Model for Visual Description and Generation of Captions. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 776-788	2.2	11
792	Machine learning and decision support system on credit scoring. <i>Neural Computing and Applications</i> , 2020 , 32, 9809-9826	4.8	10

791	MF-Adaboost: LDoS attack detection based on multi-features and improved Adaboost. <i>Future Generation Computer Systems</i> , 2020 , 106, 347-359	7.5	23
790	Intrusion Detection Protocols in Wireless Sensor Networks Integrated to Internet of Things Deployment: Survey and Future Challenges. <i>IEEE Access</i> , 2020 , 8, 3343-3363	3.5	42
789	IEEE Access Special Section Editorial: Energy Management in Buildings. <i>IEEE Access</i> , 2020 , 8, 1453-1457	3.5	1
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578	Energy Prediction Based MAC Layer Optimization for Harvesting Enabled WSNs in Smart Cities 2018 ,		4
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550	Data Consumption-Aware Load Forecasting Scheme for Smart Grid Systems 2018 ,		12
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548	Wireless Sensor Networks in Industry 4.0: WirelessHART and ISA100.11a 2018 ,		4
547	An IoT-Based Smart Solution for Preventing Domestic CO and LPG Gas Accidents 2018 ,		1
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481	Predicting hypertensive disorders in high-risk pregnancy using the random forest approach 2017,		8
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466	FAAL: Fog computing-based patient monitoring system for ambient assisted living 2017 ,		49
465	Home-based exercise system for patients using IoT enabled smart speaker 2017 ,		31
464	Analyzing and managing the slot occupancy of car parking by exploiting vision-based urban surveillance networks 2017 ,		3
463	Game Theoretic Analysis of Post Handoff Target Channel Sharing in Cognitive Radio Networks 2017 ,		2
462	SmartBuddy: An Integrated Mobile Sensing and Detecting System for Family Activities 2017 ,		4
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426	An inference mechanism using Bayes-based classifiers in pregnancy care 2016 ,		8
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419	An Energy-Efficient Routing Protocol for Infrastructure-Less Opportunistic Networks 2016 ,		5
418	An efficient method for mobile big data transfer over HetNet in emerging 5G systems 2016 ,		3
417	Experimental Results of a Raspberry Pi Based Wireless Mesh Network Testbed Considering TCP and LoS Scenario 2016 ,		3
416	Investigation of Fitness Function Weight-Coefficients for Optimization in WMN-PSO Simulation System 2016 ,		3
415	A Centrality-Based History Prediction Routing Protocol for Opportunistic Networks 2016 ,		1
414	An IoT-based mobile gateway for intelligent personal assistants on mobile health environments. <i>Journal of Network and Computer Applications</i> , 2016 , 71, 194-204	7.9	114

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386	Modified Floyd-Warshall algorithm for equal cost multipath in software-defined data center 2015 ,		4
385	Trust assistance in Sensor-Cloud 2015 ,		18
384	Bayesian Coalition Game-based optimized clustering in Wireless Sensor Networks 2015 ,		10
383	Wormhole prevention using COTA mechanism in position based environment over MANETs 2015 ,		3
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381	Integration of Wearable Solutions in AAL Environments with Mobility Support. <i>Journal of Medical Systems</i> , 2015 , 39, 184	5.1	26
380	Performance evaluation of heterogeneous wireless networks considering competing objectives and viewpoints 2015 ,		1
379	Optimal Cloud Broker Method for Cloud Selection in Mobile Inter-cloud Computing 2015 ,		1
378	IOT based solution for home power energy monitoring and actuating 2015 ,		8

377	Resource usage prediction algorithms for optimal selection of multimedia content delivery methods 2015,		22
376	WicLoc: An indoor localization system based on WiFi fingerprints and crowdsourcing 2015,		44
375	Proof of Storage for Video Deduplication in the Cloud 2015,		1
374	A Secure Video Deduplication Scheme in Cloud Storage Environments Using H.264 Compression 2015,		4
373	Statistical, forecasting and metaheuristic techniques for network anomaly detection 2015,		2
372	Security and privacy in emerging networks: Part II [Guest Editorial] 2015, 53, 40-41		4
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149	Implementation Frameworks for Mobile and Pervasive Networks 2011 , 301-318		
148	Tools and Techniques for Dynamic Reconfiguration and Interoperability of Pervasive Systems 2011 , 09-26		1
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25	The role of nodal degree in the optical core of IP-over-WDM networks		1
24	Object-oriented modeling and simulation of optical burst switching networks		3
23	High performance optical backbones for next generation Internet		1
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