

Joel J P C Rodrigues

List of Publications by Citations

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

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	Mobile-health: A review of current state in 2015. <i>Journal of Biomedical Informatics</i> , 2015 , 56, 265-72	10.2	485
969	A novel deep learning based framework for the detection and classification of breast cancer using transfer learning. <i>Pattern Recognition Letters</i> , 2019 , 125, 1-6	4.7	252
968	Cloud Computing Applications for Smart Grid: A Survey. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 1477-1494	3.7	244
967	Enabling Technologies for the Internet of Health Things. <i>IEEE Access</i> , 2018 , 6, 13129-13141	3.5	208
966	Edge Computing in the Industrial Internet of Things Environment: Software-Defined-Networks-Based Edge-Cloud Interplay 2018 , 56, 44-51		206
965	Wireless Sensor Networks: a Survey on Environmental Monitoring. <i>Journal of Communications</i> , 2011 , 6,	0.5	170
964	5G D2D Networks: Techniques, Challenges, and Future Prospects. <i>IEEE Systems Journal</i> , 2018 , 12, 3970-3984	4.3	160
963	Identifying pneumonia in chest X-rays: A deep learning approach. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 145, 511-518	4.6	159
962	Smart technologies for promotion of energy efficiency, utilization of sustainable resources and waste management. <i>Journal of Cleaner Production</i> , 2019 , 231, 565-591	10.3	154
961	Toward ubiquitous mobility solutions for body sensor networks on healthcare. <i>IEEE Communications Magazine</i> , 2012 , 50, 108-115	9.1	149
960	GeoSpray: A geographic routing protocol for vehicular delay-tolerant networks. <i>Information Fusion</i> , 2014 , 15, 102-113	16.7	139
959	Clustering in vehicular ad hoc networks: Taxonomy, challenges and solutions. <i>Vehicular Communications</i> , 2014 , 1, 134-152	5.7	138
958	A Reference Model for Internet of Things Middleware. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 871-883	10.7	137
957	Metaheuristic Scheduling for Cloud: A Survey. <i>IEEE Systems Journal</i> , 2014 , 8, 279-291	4.3	136
956	From Delay-Tolerant Networks to Vehicular Delay-Tolerant Networks. <i>IEEE Communications Surveys and Tutorials</i> , 2012 , 14, 1166-1182	37.1	134
955	. <i>IEEE Communications Magazine</i> , 2014 , 52, 62-69	9.1	132
954	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 566-578	6.6	129

953	. <i>IEEE Network</i> , 2019 , 33, 198-205	11.4	127
952	Deep Reinforcement Learning for Vehicular Edge Computing. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-24	8	125
951	Data Offloading in 5G-Enabled Software-Defined Vehicular Networks: A Stackelberg-Game-Based Approach. <i>IEEE Communications Magazine</i> , 2017 , 55, 100-108	9.1	125
950	BHEEM: A Blockchain-Based Framework for Securing Electronic Health Records 2018 ,		120
949	SDN-Enabled Multi-Attribute-Based Secure Communication for Smart Grid in IIoT Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 2629-2640	11.9	118
948	Social Sensor Cloud: Framework, Greenness, Issues, and Outlook. <i>IEEE Network</i> , 2018 , 32, 100-105	11.4	118
947	Design and Analysis of Secure Lightweight Remote User Authentication and Key Agreement Scheme in Internet of Drones Deployment. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 3572-3584	10.7	117
946	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 885-902	6.6	115
945	. <i>IEEE Access</i> , 2018 , 6, 1513-1524	3.5	114
944	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
943	Vehicular delay-tolerant networks for smart grid data management using mobile edge computing 2016 , 54, 60-66		110
942	Impacts of Deployment Strategies on Localization Performance in Underwater Acoustic Sensor Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 1725-1733	8.9	106
941	A survey on cross-layer solutions for wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2011 , 34, 523-534	7.9	106
940	Energy meters evolution in smart grids: A review. <i>Journal of Cleaner Production</i> , 2019 , 217, 702-715	10.3	103
939	Blockchain in Smart Grids: A Review on Different Use Cases. <i>Sensors</i> , 2019 , 19,	3.8	101
938	. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 6903-6916	6.8	100
937	Biometrics-Based Privacy-Preserving User Authentication Scheme for Cloud-Based Industrial Internet of Things Deployment. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 4900-4913	10.7	100
936	A systematic review on heterogeneous routing protocols for wireless sensor network. <i>Journal of Network and Computer Applications</i> , 2015 , 53, 39-56	7.9	99

935	Analysis of the security and privacy requirements of cloud-based electronic health records systems. <i>Journal of Medical Internet Research</i> , 2013 , 15, e186	7.6	97
934	Cloud Centric Authentication for Wearable Healthcare Monitoring System. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2020 , 17, 942-956	3.9	97
933	A deep learning-based social distance monitoring framework for COVID-19. <i>Sustainable Cities and Society</i> , 2021 , 65, 102571	10.1	93
932	Trust-Based Communication for the Industrial Internet of Things 2018 , 56, 16-22		91
931	AKM-IoV: Authenticated Key Management Protocol in Fog Computing-Based Internet of Vehicles Deployment. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8804-8817	10.7	91
930	Privacy Preserving Data Aggregation Scheme for Mobile Edge Computing Assisted IoT Applications. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4755-4763	10.7	90
929	Real-time data management on wireless sensor networks: A survey. <i>Journal of Network and Computer Applications</i> , 2012 , 35, 1013-1021	7.9	89
928	Fog Computing for Smart Grid Systems in the 5G Environment: Challenges and Solutions. <i>IEEE Wireless Communications</i> , 2019 , 26, 47-53	13.4	88
927	Authentication in cloud-driven IoT-based big data environment: Survey and outlook. <i>Journal of Systems Architecture</i> , 2019 , 97, 185-196	5.5	88
926	Underwater wireless sensor communications in the 2.4 GHz ISM frequency band. <i>Sensors</i> , 2012 , 12, 4237-4254	3.4	86
925	Secure Three-Factor User Authentication Scheme for Renewable-Energy-Based Smart Grid Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 3144-3153	11.9	84
924	A Multi-Tenant Cloud-Based DC Nano Grid for Self-Sustained Smart Buildings in Smart Cities 2017 , 55, 14-21		83
923	Coalition Games for Spatio-Temporal Big Data in Internet of Vehicles Environment: A Comparative Analysis. <i>IEEE Internet of Things Journal</i> , 2015 , 2, 310-320	10.7	81
922	Intelligent Mobile Video Surveillance System as a Bayesian Coalition Game in Vehicular Sensor Networks: Learning Automata Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2015 , 16, 1148-1161	6.1	81
921	Bayesian Coalition Game as-a-Service for Content Distribution in Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2014 , 1, 544-555	10.7	81
920	Effective Features to Classify Big Data Using Social Internet of Things. <i>IEEE Access</i> , 2018 , 6, 24196-24204	3.5	79
919	A comprehensive survey on network anomaly detection. <i>Telecommunication Systems</i> , 2019 , 70, 447-489	2.3	79
918	Adapting weather conditions based IoT enabled smart irrigation technique in precision agriculture mechanisms. <i>Neural Computing and Applications</i> , 2019 , 31, 277-292	4.8	76

917	An early detection of low rate DDoS attack to SDN based data center networks using information distance metrics. <i>Future Generation Computer Systems</i> , 2018 , 89, 685-697	7.5	74
916	Provably Secure Fine-Grained Data Access Control Over Multiple Cloud Servers in Mobile Cloud Computing Based Healthcare Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 457-468	11.9	74
915	QoS-Aware Energy Management in Body Sensor Nodes Powered by Human Energy Harvesting. <i>IEEE Sensors Journal</i> , 2016 , 16, 542-549	4	73
914	Bayesian Coalition Game for Contention-Aware Reliable Data Forwarding in Vehicular Mobile Cloud. <i>Future Generation Computer Systems</i> , 2015 , 48, 60-72	7.5	72
913	Towards energy-aware fog-enabled cloud of things for healthcare. <i>Computers and Electrical Engineering</i> , 2018 , 67, 58-69	4.3	72
912	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
911	DOA Estimation for Coherently Distributed Sources Considering Circular and Noncircular Signals in Massive MIMO Systems. <i>IEEE Systems Journal</i> , 2017 , 11, 41-49	4.3	71
910	Machine learning in the Internet of Things: Designed techniques for smart cities. <i>Future Generation Computer Systems</i> , 2019 , 100, 826-843	7.5	71
909	Sustainable Service Allocation Using a Metaheuristic Technique in a Fog Server for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 4497-4506	11.9	71
908	. <i>IEEE Wireless Communications</i> , 2016 , 23, 30-36	13.4	71
907	Optimized Big Data Management across Multi-Cloud Data Centers: Software-Defined-Network-Based Analysis 2018 , 56, 118-126		69
906	An intelligent approach for building a secure decentralized public key infrastructure in VANET. <i>Journal of Computer and System Sciences</i> , 2015 , 81, 1042-1058	1	69
905	A Cooperative Watchdog System to Detect Misbehavior Nodes in Vehicular Delay-Tolerant Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 7929-7937	8.9	68
904	An efficient deep model for day-ahead electricity load forecasting with stacked denoising auto-encoders. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 117, 267-273	4.4	68
903	Learning Automata-based Opportunistic Data Aggregation and Forwarding scheme for alert generation in Vehicular Ad Hoc Networks. <i>Computer Communications</i> , 2014 , 39, 22-32	5.1	67
902	Routing and mobility approaches in IPv6 over LoWPAN mesh networks. <i>International Journal of Communication Systems</i> , 2011 , 24, 1445-1466	1.7	67
901	Multiobjective 3-D Topology Optimization of Next-Generation Wireless Data Center Network. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3597-3605	11.9	67
900	Joint Computation Offloading, Power Allocation, and Channel Assignment for 5G-Enabled Traffic Management Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3058-3067	11.9	66

899	A layered architecture for Vehicular Delay-Tolerant Networks 2009 ,		65
898	Detection of subtype blood cells using deep learning. <i>Cognitive Systems Research</i> , 2018 , 52, 1036-1044	4.8	65
897	Balancing energy consumption with mobile agents in wireless sensor networks. <i>Future Generation Computer Systems</i> , 2012 , 28, 446-456	7.5	63
896	Deep Reinforcement Learning for Intelligent Internet of Vehicles: An Energy-Efficient Computational Offloading Scheme. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2019 , 5, 1060-1072	6.6	62
895	MAC Layer Protocols for Internet of Things: A Survey. <i>Future Internet</i> , 2019 , 11, 16	3.3	61
894	Tactile Internet for Smart Communities in 5G: An Insight for NOMA-Based Solutions. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3104-3112	11.9	61
893	Alzheimer detection using Group Grey Wolf Optimization based features with convolutional classifier. <i>Computers and Electrical Engineering</i> , 2019 , 77, 230-243	4.3	59
892	A Machine Learning-Based Protocol for Efficient Routing in Opportunistic Networks. <i>IEEE Systems Journal</i> , 2018 , 12, 2207-2213	4.3	59
891	Physical-Layer Network Coding: An Efficient Technique for Wireless Communications. <i>IEEE Network</i> , 2020 , 34, 270-276	11.4	59
890	Enabling Technologies on Cloud of Things for Smart Healthcare. <i>IEEE Access</i> , 2018 , 6, 31950-31967	3.5	58
889	Geographic multipath routing based on geospatial division in duty-cycled underwater wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2016 , 59, 4-13	7.9	56
888	Usability feature extraction using modified crow search algorithm: a novel approach. <i>Neural Computing and Applications</i> , 2020 , 32, 10915-10925	4.8	56
887	Robust one-time password authentication scheme using smart card for home network environment. <i>Computer Communications</i> , 2011 , 34, 326-336	5.1	55
886	A Comprehensive Review on Smart Decision Support Systems for Health Care. <i>IEEE Systems Journal</i> , 2019 , 13, 3536-3545	4.3	55
885	Provably Secure ECC-Based Device Access Control and Key Agreement Protocol for IoT Environment. <i>IEEE Access</i> , 2019 , 7, 55382-55397	3.5	54
884	Analysis of cloud-based solutions on EHRs systems in different scenarios. <i>Journal of Medical Systems</i> , 2012 , 36, 3777-82	5.1	54
883	Green Routing Protocols for Wireless Multimedia Sensor Networks. <i>IEEE Wireless Communications</i> , 2016 , 23, 140-146	13.4	53
882	SecSVA: Secure Storage, Verification, and Auditing of Big Data in the Cloud Environment 2018 , 56, 78-85		52

881	Pairing based anonymous and secure key agreement protocol for smart grid edge computing infrastructure. <i>Future Generation Computer Systems</i> , 2018 , 88, 491-500	7.5	52
880	Analysis of mobile health applications for a broad spectrum of consumers: a user experience approach. <i>Health Informatics Journal</i> , 2014 , 20, 74-84	3	52
879	IoT-Based Solid Waste Management Solutions: A Survey. <i>Journal of Sensor and Actuator Networks</i> , 2019 , 8, 5	3.8	52
878	A Trust Cloud Model for Underwater Wireless Sensor Networks. <i>IEEE Communications Magazine</i> , 2017 , 55, 110-116	9.1	51
877	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
876	Distributed Database Management Techniques for Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 604-620	3.7	50
875	HBPR: History Based Prediction for Routing in Infrastructure-less Opportunistic Networks 2013 ,		50
874	Energy Efficiency QoS Assurance Routing in Wireless Multimedia Sensor Networks. <i>IEEE Systems Journal</i> , 2011 , 5, 495-505	4.3	50
873	. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 6346-6355	8.9	49
872	FAAL: Fog computing-based patient monitoring system for ambient assisted living 2017 ,		49
871	Fully automatic model-based segmentation and classification approach for MRI brain tumor using artificial neural networks. <i>Concurrency Computation Practice and Experience</i> , 2020 , 32, e4962	1.4	49
870	Performance evaluation of a Fog-assisted IoT solution for e-Health applications. <i>Future Generation Computer Systems</i> , 2019 , 97, 379-386	7.5	47
869	Dynamic p-Cycle Protection in Spectrum-Sliced Elastic Optical Networks. <i>Journal of Lightwave Technology</i> , 2014 , 32, 1190-1199	4	47
868	Survey and analysis of current mobile learning applications and technologies. <i>ACM Computing Surveys</i> , 2013 , 46, 1-35	13.4	47
867	A lifetime extended multi-levels heterogeneous routing protocol for wireless sensor networks. <i>Telecommunication Systems</i> , 2015 , 59, 43-62	2.3	46
866	. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 7892-7900	8.9	46
865	Performance evaluation of IoT middleware. <i>Journal of Network and Computer Applications</i> , 2018 , 109, 53-65	7.9	46
864	Fog-Based Crime-Assistance in Smart IoT Transportation System. <i>IEEE Access</i> , 2018 , 6, 11101-11111	3.5	45

863	QoE-driven power scheduling in smart grid: architecture, strategy, and methodology. <i>IEEE Communications Magazine</i> , 2012 , 50, 136-141	9.1	45
862	IoMT Malware Detection Approaches: Analysis and Research Challenges. <i>IEEE Access</i> , 2019 , 7, 182459-182476	3.5	45
861	WicLoc: An indoor localization system based on WiFi fingerprints and crowdsourcing 2015 ,		44
860	Cooperation advances on vehicular communications: A survey. <i>Vehicular Communications</i> , 2014 , 1, 22-32	5.7	44
859	Vehicular Delay-Tolerant Networks? A Novel Solution for Vehicular Communications. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2013 , 5, 10-19	2.6	44
858	Routing Protocols for Low Power and Lossy Networks in Internet of Things Applications. <i>Sensors</i> , 2019 , 19,	3.8	43
857	Biometric Authentication Using Mouse Gesture Dynamics. <i>IEEE Systems Journal</i> , 2013 , 7, 262-274	4.3	43
856	Cooperation strategies for vehicular delay-tolerant networks. <i>IEEE Communications Magazine</i> , 2015 , 53, 88-94	9.1	43
855	Artificial Intelligence based QoS optimization for multimedia communication in IoV systems. <i>Future Generation Computer Systems</i> , 2019 , 95, 667-680	7.5	43
854	Secure and Lightweight Authentication Scheme for Smart Metering Infrastructure in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3548-3557	11.9	43
853	Towards Smart Parking Based on Fog Computing. <i>IEEE Access</i> , 2018 , 6, 70172-70185	3.5	43
852	. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 2554-2567	37.1	42
851	User authentication schemes with pseudonymity for ubiquitous sensor network in NGN. <i>International Journal of Communication Systems</i> , 2010 , 23, 1201-1222	1.7	42
850	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
849	Data management techniques for Internet of Things. <i>Mechanical Systems and Signal Processing</i> , 2020 , 138, 106564	7.8	42
848	Intelligent Network Security Monitoring Based on Optimum-Path Forest Clustering. <i>IEEE Network</i> , 2019 , 33, 126-131	11.4	42
847	EPA-CPPA: An efficient, provably-secure and anonymous conditional privacy-preserving authentication scheme for vehicular ad hoc networks. <i>Vehicular Communications</i> , 2018 , 13, 104-113	5.7	41
846	Real-time query processing optimization for cloud-based wireless body area networks. <i>Information Sciences</i> , 2014 , 284, 84-94	7.7	41

845	GAER: genetic algorithm-based energy-efficient routing protocol for infrastructure-less opportunistic networks. <i>Journal of Supercomputing</i> , 2014 , 69, 1183-1214	2.5	41
844	Network anomaly detection using IP flows with Principal Component Analysis and Ant Colony Optimization. <i>Journal of Network and Computer Applications</i> , 2016 , 64, 1-11	7.9	40
843	Performance evaluation of RESTful web services and AMQP protocol 2013 ,		40
842	A data encryption solution for mobile health apps in cooperation environments. <i>Journal of Medical Internet Research</i> , 2013 , 15, e66	7.6	40
841	Internet of Autonomous Vehicles Communications Security: Overview, Issues, and Directions. <i>IEEE Wireless Communications</i> , 2019 , 26, 60-65	13.4	39
840	A survey of QoS/QoE mechanisms in heterogeneous wireless networks. <i>Physical Communication</i> , 2014 , 13, 61-72	2.2	39
839	. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 2704-2734	37.1	39
838	A survey on IP-based wireless sensor network solutions. <i>International Journal of Communication Systems</i> , 2010 , 23, n/a-n/a	1.7	39
837	Intelligent Personal Assistants Based on Internet of Things Approaches. <i>IEEE Systems Journal</i> , 2018 , 12, 1793-1802	4.3	38
836	Policy and network-based intrusion detection system for IPv6-enabled wireless sensor networks 2014 ,		38
835	A Multi-Objective Demand Response Optimization Model for Scheduling Loads in a Home Energy Management System. <i>Sensors</i> , 2018 , 18,	3.8	38
834	An energy efficient DOA estimation algorithm for uncorrelated and coherent signals in virtual MIMO systems. <i>Telecommunication Systems</i> , 2015 , 59, 93-110	2.3	37
833	A Novel DOA Estimation Algorithm Using Array Rotation Technique. <i>Future Internet</i> , 2014 , 6, 155-170	3.3	37
832	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
831	Providing Healthcare-as-a-Service Using Fuzzy Rule Based Big Data Analytics in Cloud Computing. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018 , 22, 1605-1618	7.2	36
830	Energy and performance aware fog computing: A case of DVFS and green renewable energy. <i>Future Generation Computer Systems</i> , 2019 , 101, 1112-1121	7.5	36
829	. <i>IEEE Access</i> , 2019 , 7, 85627-85644	3.5	36
828	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 300-310	14.2	36

827	Vehicle Route Selection Based on Game Evolution in Social Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2423-2430	10.7	35
826	A new mobile ubiquitous computing application to control obesity: SapoFit. <i>Informatics for Health and Social Care</i> , 2013 , 38, 37-53	2.7	35
825	Authentication Protocols in Internet of Vehicles: Taxonomy, Analysis, and Challenges. <i>IEEE Access</i> , 2020 , 8, 54314-54344	3.5	34
824	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 889-901	6.4	34
823	Architecture and protocol for intercloud communication. <i>Information Sciences</i> , 2014 , 258, 434-451	7.7	34
822	Smart Energy Management and Demand Reduction by Consumers and Utilities in an IoT-Fog-Based Power Distribution System. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7386-7394	10.7	33
821	Autonomous profile-based anomaly detection system using principal component analysis and flow analysis. <i>Applied Soft Computing Journal</i> , 2015 , 34, 513-525	7.5	33
820	A Smart Waste Management Solution Geared towards Citizens. <i>Sensors</i> , 2020 , 20,	3.8	33
819	Smart Collaborative Mobile System for Taking Care of Disabled and Elderly People. <i>Mobile Networks and Applications</i> , 2014 , 19, 287-302	2.9	33
818	Authorship verification for short messages using stylometry 2013 ,		33
817	IDSEP: a novel intrusion detection scheme based on energy prediction in cluster-based wireless sensor networks. <i>IET Information Security</i> , 2013 , 7, 97-105	1.4	33
816	A Collaborative Secure Localization Algorithm Based on Trust Model in Underwater Wireless Sensor Networks. <i>Sensors</i> , 2016 , 16, 229	3.8	33
815	IoT-Enabled Gas Sensors: Technologies, Applications, and Opportunities. <i>Journal of Sensor and Actuator Networks</i> , 2019 , 8, 57	3.8	33
814	Authorship verification using deep belief network systems. <i>International Journal of Communication Systems</i> , 2017 , 30, e3259	1.7	32
813	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 5535-5548	6.8	32
812	A Heuristic-Based Smart HVAC Energy Management Scheme for University Buildings. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 5074-5086	11.9	32
811	Postpartum depression prediction through pregnancy data analysis for emotion-aware smart systems. <i>Information Fusion</i> , 2019 , 47, 23-31	16.7	32
810	. <i>IEEE Wireless Communications</i> , 2013 , 20, 54-61	13.4	32

809	Ranking Analysis for Online Customer Reviews of Products Using Opinion Mining with Clustering. <i>Complexity</i> , 2018 , 2018, 1-9	1.6	32
808	. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 6354-6366	11.9	31
807	Providing healthcare services on-the-fly using multi-player cooperation game theory in Internet of Vehicles (IoV) environment. <i>Digital Communications and Networks</i> , 2015 , 1, 191-203	5.9	31
806	Cascading handcrafted features and Convolutional Neural Network for IoT-enabled brain tumor segmentation. <i>Computer Communications</i> , 2020 , 153, 196-207	5.1	31
805	Enhanced fuzzy logic-based spray and wait routing protocol for delay tolerant networks. <i>International Journal of Communication Systems</i> , 2016 , 29, 1820-1843	1.7	31
804	Improving Smart Conference Participation Through Socially Aware Recommendation. <i>IEEE Transactions on Human-Machine Systems</i> , 2014 , 44, 689-700	4.1	31
803	A Novel Cooperation Strategy for Mobile Health Applications. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 28-36	14.2	31
802	Home-based exercise system for patients using IoT enabled smart speaker 2017 ,		31
801	IoT-Based Context-Aware Intelligent Public Transport System in a Metropolitan Area. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6023-6034	10.7	31
800	A Comprehensive Review on Device-to-Device Communication Paradigm: Trends, Challenges and Applications. <i>Wireless Personal Communications</i> , 2020 , 114, 185-207	1.9	31
799	Bayesian Coalition Negotiation Game as a Utility for Secure Energy Management in a Vehicles-to-Grid Environment. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2016 , 13, 133-145 ^{3.9}		30
798	Service-oriented middleware for smart grid: Principle, infrastructure, and application 2013 , 51, 84-89		30
797	SapoFitness: A mobile health application for dietary evaluation 2011 ,		30
796	Enhancing e-learning experience with online social networks. <i>IET Communications</i> , 2011 , 5, 1147-1154	1.3	30
795	Privacy and Security Issues in Online Social Networks. <i>Future Internet</i> , 2018 , 10, 114	3.3	30
794	A Systematic Review of Techniques and Sources of Big Data in the Healthcare Sector. <i>Journal of Medical Systems</i> , 2017 , 41, 183	5.1	29
793	Security and privacy based access control model for internet of connected vehicles. <i>Future Generation Computer Systems</i> , 2019 , 97, 687-696	7.5	29
792	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

791	Application of Wireless Sensor Networks to Healthcare Promotion. <i>Journal of Communications Software and Systems</i> , 2017 , 4, 181	0.8	29
790	A shilling attack detector based on convolutional neural network for collaborative recommender system in social aware network. <i>Computer Journal</i> , 2018 , 61, 949-958	1.3	29
789	Exploiting Social Relationship to Enable Efficient Replica Allocation in Ad-hoc Social Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 3167-3176	3.7	29
788	Metaheuristics for the deployment of 5G. <i>IEEE Wireless Communications</i> , 2015 , 22, 40-46	13.4	29
787	Information-Centric Network-Based Vehicular Communications: Overview and Research Opportunities. <i>Sensors</i> , 2018 , 18,	3.8	29
786	. <i>IEEE Consumer Electronics Magazine</i> , 2018 , 7, 31-37	3.2	29
785	ADAI and Adaptive PSO-Based Resource Allocation for Wireless Sensor Networks. <i>IEEE Access</i> , 2019 , 7, 131163-131171	3.5	28
784	Amateur Drone Surveillance: Applications, Architectures, Enabling Technologies, and Public Safety Issues: Part 2. <i>IEEE Communications Magazine</i> , 2018 , 56, 66-67	9.1	28
783	A mobile anchor assisted localization algorithm based on regular hexagon in wireless sensor networks. <i>Scientific World Journal, The</i> , 2014 , 2014, 219371	2.2	28
782	Networks of learning automata for the vehicular environment: a performance analysis study. <i>IEEE Wireless Communications</i> , 2014 , 21, 41-47	13.4	28
781	Underwater Wireless Communications in Freshwater at 2.4 GHz. <i>IEEE Communications Letters</i> , 2013 , 17, 1794-1797	3.8	28
780	A preference-based demand response mechanism for energy management in a microgrid. <i>Journal of Cleaner Production</i> , 2020 , 255, 120034	10.3	28
779	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
778	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
777	Energy and delay efficient fog computing using caching mechanism. <i>Computer Communications</i> , 2020 , 154, 534-541	5.1	27
776	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
775	Cross-Layer Dynamic Admission Control for Cloud-Based Multimedia Sensor Networks. <i>IEEE Systems Journal</i> , 2014 , 8, 235-246	4.3	27
774	Biofeedback data visualization for body sensor networks. <i>Journal of Network and Computer Applications</i> , 2011 , 34, 151-158	7.9	27

773	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
772	LDAKM-ElIoT: Lightweight Device Authentication and Key Management Mechanism for Edge-Based IoT Deployment. <i>Sensors</i> , 2019 , 19,	3.8	27
771	Integration of Wearable Solutions in AAL Environments with Mobility Support. <i>Journal of Medical Systems</i> , 2015 , 39, 184	5.1	26
770	IEEE Access Special Section Editorial: The Plethora of Research in Internet of Things (IoT). <i>IEEE Access</i> , 2016 , 4, 9575-9579	3.5	26
769	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
768	Parameters optimization of the dust absorbing structure for photovoltaic panel cleaning robot based on orthogonal experiment method. <i>Journal of Cleaner Production</i> , 2019 , 217, 724-731	10.3	25
767	Energy Efficiency on Fully Cloudified Mobile Networks: Survey, Challenges, and Open Issues. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 1271-1291	37.1	25
766	Provably Secure Multi-Server Authentication Protocol Using Fuzzy Commitment. <i>IEEE Access</i> , 2018 , 6, 38578-38594	3.5	25
765	A Proposal for IoT Dynamic Routes Selection Based on Contextual Information. <i>Sensors</i> , 2018 , 18,	3.8	25
764	Localization and Navigation for Autonomous Mobile Robots Using Petri Nets in Indoor Environments. <i>IEEE Access</i> , 2018 , 6, 31665-31676	3.5	25
763	Towards an autonomous fall detection and alerting system on a mobile and pervasive environment. <i>Telecommunication Systems</i> , 2013 , 52, 2299-2310	2.3	25
762	Body Sensor Network Mobile Solutions for Biofeedback Monitoring. <i>Mobile Networks and Applications</i> , 2011 , 16, 713-732	2.9	25
761	. <i>IEEE Access</i> , 2016 , 4, 5374-5384	3.5	25
760	Shapely Value Perspective on Adapting Transmit Power for Periodic Vehicular Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018 , 19, 977-986	6.1	24
759	Bloom filter based optimization scheme for massive data handling in IoT environment. <i>Future Generation Computer Systems</i> , 2018 , 82, 440-449	7.5	24
758	An Ensembled Scheme for QoS-Aware Traffic Flow Management in Software Defined Networks 2018 ,		24
757	Secure and stable Vehicular Ad Hoc Network clustering algorithm based on hybrid mobility similarities and trust management scheme. <i>Vehicular Communications</i> , 2018 , 13, 128-138	5.7	24
756	A comprehensive review of Data Mining techniques in smart agriculture. <i>Engineering in Agriculture, Environment and Food</i> , 2019 , 12, 511-525	1.7	24

755	Performance evaluation of various routing protocols in Opportunistic Networks 2011 ,		24
754	EDR: An Encounter and Distance Based Routing Protocol for Opportunistic Networks 2016 ,		24
753	Management Platforms and Protocols for Internet of Things: A Survey. <i>Sensors</i> , 2019 , 19,	3.8	24
752	. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1736-1751	6.8	24
751	An energy-efficient history-based routing scheme for opportunistic networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e2989	1.7	23
750	Gen2 RFID as IoT Enabler: Characterization and Performance Improvement. <i>IEEE Wireless Communications</i> , 2017 , 24, 33-39	13.4	23
749	A mobile health monitoring solution for weight control 2011 ,		23
748	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
747	Security Assured CNN-Based Model for Reconstruction of Medical Images on the Internet of Healthcare Things. <i>IEEE Access</i> , 2020 , 8, 126333-126346	3.5	23
746	Efficient artificial fish swarm based clustering approach on mobility aware energy-efficient for MANET. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3524	1.9	23
745	A new effective and powerful medical image segmentation algorithm based on optimum path snakes. <i>Applied Soft Computing Journal</i> , 2019 , 76, 649-670	7.5	23
744	Design and deployment challenges in immersive and wearable technologies. <i>Behaviour and Information Technology</i> , 2017 , 36, 687-698	2.4	22
743	Resource usage prediction algorithms for optimal selection of multimedia content delivery methods 2015 ,		22
742	A survey of overlay and underlay paradigms in cognitive radio networks. <i>International Journal of Communication Systems</i> , 2018 , 31, e3443	1.7	22
741	2013 , 51, 94-100		22
740	AREP: An asymmetric link-based reverse routing protocol for underwater acoustic sensor networks. <i>Journal of Network and Computer Applications</i> , 2017 , 92, 51-58	7.9	21
739	MR-Chord: Improved Chord Lookup Performance in Structured Mobile P2P Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 743-751	4.3	21
738	Cognitive radio-based clustering for opportunistic shared spectrum access to enhance lifetime of wireless sensor network. <i>Pervasive and Mobile Computing</i> , 2015 , 22, 90-112	3.5	21

737	A comparative study of routing protocols of heterogeneous wireless sensor networks. <i>Scientific World Journal, The</i> , 2014 , 2014, 415415	2.2	21
736	Online risk-based authentication using behavioral biometrics. <i>Multimedia Tools and Applications</i> , 2014 , 71, 575-605	2.5	21
735	A Novel Intra-body Sensor for Vaginal Temperature Monitoring. <i>Sensors</i> , 2009 , 9, 2797-808	3.8	21
734	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5511-5521	11.9	21
733	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
732	. <i>IEEE Systems Journal</i> , 2017 , 11, 140-151	4.3	20
731	Replication-Aware Data Dissemination for Vehicular Ad Hoc Networks using Location Determination. <i>Mobile Networks and Applications</i> , 2015 , 20, 251-267	2.9	20
730	A seven-dimensional flow analysis to help autonomous network management. <i>Information Sciences</i> , 2014 , 278, 900-913	7.7	20
729	Denial of service mitigation approach for IPv6-enabled smart object networks. <i>Concurrency Computation Practice and Experience</i> , 2013 , 25, 129-142	1.4	20
728	Intra-Mobility Support Solutions for Healthcare Wireless Sensor Networks Handover Issues. <i>IEEE Sensors Journal</i> , 2013 , 13, 4339-4348	4	20
727	A network access control framework for 6LoWPAN networks. <i>Sensors</i> , 2013 , 13, 1210-30	3.8	20
726	Improving Vehicular Delay-Tolerant Network Performance with Relay Nodes 2009 ,		20
725	. <i>IEEE Consumer Electronics Magazine</i> , 2018 , 7, 38-44	3.2	20
724	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
723	An efficient energy-aware predictive clustering approach for vehicular ad hoc networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e2924	1.7	19
722	Design and deployment of a smart system for data gathering in aquaculture tanks using wireless sensor networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e3335	1.7	19
721	2019 ,		19
720	A proposal for bridging application layer protocols to HTTP on IoT solutions. <i>Future Generation Computer Systems</i> , 2019 , 97, 145-152	7.5	19

719	On resilience of Wireless Mesh routing protocol against DoS attacks in IoT-based ambient assisted living applications 2015 ,		19
718	Context-oriented opportunistic cloud offload processing for energy conservation in wireless devices 2014 ,		19
717	A secure NFC application for credit transfer among mobile phones 2012 ,		19
716	Traffic differentiation support in vehicular delay-tolerant networks. <i>Telecommunication Systems</i> , 2011 , 48, 151-162	2.3	19
715	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
714	. <i>IEEE Access</i> , 2019 , 7, 13476-13485	3.5	19
713	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 215-229	10.7	19
712	. <i>IEEE Systems Journal</i> , 2017 , 11, 2749-2760	4.3	18
711	Channel Hopping Protocols for Dynamic Spectrum Management in 5G Technology. <i>IEEE Wireless Communications</i> , 2017 , 24, 102-109	13.4	18
710	Trust assistance in Sensor-Cloud 2015 ,		18
709	Smart Parking Sensors: State of the Art and Performance Evaluation. <i>Journal of Cleaner Production</i> , 2020 , 262, 121181	10.3	18
708	On the design of secure user authenticated key management scheme for multigateway-based wireless sensor networks using ECC. <i>International Journal of Communication Systems</i> , 2018 , 31, e3514	1.7	18
707	A genetic algorithm-based method for optimizing the energy consumption and performance of multiprocessor systems. <i>Soft Computing</i> , 2018 , 22, 3271-3285	3.5	18
706	Evolutionary radial basis function network for gestational diabetes data analytics. <i>Journal of Computational Science</i> , 2018 , 27, 410-417	3.4	18
705	A game theoretic context-based routing protocol for opportunistic networks in an IoT scenario. <i>Computer Networks</i> , 2017 , 129, 572-584	5.4	18
704	A survey on energy estimation and power modeling schemes for smartphone applications. <i>International Journal of Communication Systems</i> , 2017 , 30, e3234	1.7	18
703	Distributed media-aware flow scheduling in cloud computing environment. <i>Computer Communications</i> , 2012 , 35, 1819-1827	5.1	18
702	A Study of Energy-Aware Traffic Grooming in Optical Networks: Static and Dynamic Cases. <i>IEEE Systems Journal</i> , 2013 , 7, 161-173	4.3	18

701	On the Design of Blockchain-Based Access Control Protocol for IoT-Enabled Healthcare Applications 2020 ,		18
700	A group-based wireless body sensors network using energy harvesting for soccer team monitoring. <i>International Journal of Sensor Networks</i> , 2016 , 21, 208	0.8	18
699	Using Socio-Spatial Context in Mobile Cloud Process Offloading for Energy Conservation in Wireless Devices. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 7, 392-402	3.3	18
698	. <i>IEEE Transactions on Cloud Computing</i> , 2019 , 7, 357-368	3.3	18
697	An innovative deep architecture for aircraft hard landing prediction based on time-series sensor data. <i>Applied Soft Computing Journal</i> , 2018 , 73, 344-349	7.5	18
696	5G Multimedia Communications: Theory, Technology, and Application. <i>IEEE MultiMedia</i> , 2019 , 26, 8-9	2.1	17
695	A framework for enhancing the performance of Internet of Things applications based on RFID and WSNs. <i>Journal of Network and Computer Applications</i> , 2018 , 107, 56-68	7.9	17
694	An Outdoor Localization System Based on SigFox 2018 ,		17
693	An Intercommunication Home Energy Management System with Appliance Recognition in Home Network. <i>Mobile Networks and Applications</i> , 2012 , 17, 132-142	2.9	17
692	Anomaly detection using the correlational paraconsistent machine with digital signatures of network segment. <i>Information Sciences</i> , 2017 , 420, 313-328	7.7	17
691	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	17
690	Hybrid Logical Security Framework for Privacy Preservation in the Green Internet of Things. <i>Sustainability</i> , 2020 , 12, 5542	3.6	17
689	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
688	Edge-to-Edge Cooperative Artificial Intelligence in Smart Cities with On-Demand Learning Offloading 2019 ,		17
687	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
686	Leveraging Named Data Networking for Fragmented Networks in Smart Metropolitan Cities. <i>IEEE Access</i> , 2018 , 6, 75899-75911	3.5	17
685	A New mHealth App for Monitoring and Awareness of Healthy Eating: Development and User Evaluation by Spanish Users. <i>Journal of Medical Systems</i> , 2017 , 41, 109	5.1	16
684	Enhancing Key Management in LoRaWAN with Permissioned Blockchain. <i>Sensors</i> , 2020 , 20,	3.8	16

683	Network Admission Control Solution for 6LoWPAN Networks Based on Symmetric Key Mechanisms. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2186-2195	11.9	16
682	RAD-EI: A routing attack detection scheme for edge-based Internet of Things environment. <i>International Journal of Communication Systems</i> , 2019 , 32, e4024	1.7	16
681	An ant-based QoS-aware routing protocol for heterogeneous wireless sensor networks. <i>Soft Computing</i> , 2017 , 21, 6225-6236	3.5	16
680	Localization Algorithms in Large-Scale Underwater Acoustic Sensor Networks: A Quantitative Comparison. <i>International Journal of Distributed Sensor Networks</i> , 2014 , 10, 379382	1.7	16
679	Using ant-based agents for congestion control in ad-hoc wireless sensor networks. <i>Cluster Computing</i> , 2011 , 14, 41-53	2.1	16
678	Improvement of Messages Delivery Time on Vehicular Delay-Tolerant Networks 2009 ,		16
677	Direct near Infrared Analysis of Sugar Cane Clear Juice Using a Fibre-Optic Transmittance Probe. <i>Journal of Near Infrared Spectroscopy</i> , 2003 , 11, 351-356	1.5	16
676	Price-based demand response for household load management with interval uncertainty. <i>Energy Reports</i> , 2021 , 7, 8493-8493	4.6	16
675	LOADng-IoT: An Enhanced Routing Protocol for Internet of Things Applications over Low Power Networks. <i>Sensors</i> , 2019 , 19,	3.8	16
674	. <i>IEEE Consumer Electronics Magazine</i> , 2021 , 10, 72-81	3.2	16
673	Hybrid chaotic firefly decision making model for Parkinson disease diagnosis. <i>International Journal of Distributed Sensor Networks</i> , 2020 , 16, 155014771989521	1.7	15
672	PARS: A scheduling of periodically active rank to optimize power efficiency for main memory. <i>Journal of Network and Computer Applications</i> , 2015 , 58, 327-336	7.9	15
671	A Fluctuation-Based Modelling Approach to Quantification of the Technical Debt on Mobile Cloud-Based Service Level 2015 ,		15
670	Mobile health platform for pressure ulcer monitoring with electronic health record integration. <i>Health Informatics Journal</i> , 2013 , 19, 300-11	3	15
669	Rubble Search with Canine Augmentation Technology 2007 ,		15
668	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
667	Efficient Nonorthogonal Multiple Access: Cooperative Use of Distributed Space-Time Block Coding. <i>IEEE Vehicular Technology Magazine</i> , 2018 , 13, 70-77	9.9	15
666	Energy Efficient Management of Pipelines in Buildings Using Linear Wireless Sensor Networks. <i>Sensors</i> , 2018 , 18,	3.8	15

665	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5319-5328	6.1	15
664	Resource Usage Prediction Models for Optimal Multimedia Content Provision. <i>IEEE Systems Journal</i> , 2017 , 11, 2852-2863	4.3	14
663	M4DN.IoT-A Networks and Devices Management Platform for Internet of Things. <i>IEEE Access</i> , 2019 , 7, 53305-53313	3.5	14
662	Mobile cloud computing in 5G: Emerging trends, issues, and challenges [Guest Editorial]. <i>IEEE Network</i> , 2015 , 29, 4-5	11.4	14
661	An Intelligent Context-aware Congestion Resolution Protocol for Data Dissemination in Vehicular Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2015 , 20, 181-200	2.9	14
660	Blockchain Applied to Vehicular Odometers. <i>IEEE Network</i> , 2020 , 34, 62-68	11.4	14
659	Designing Efficient Sinkhole Attack Detection Mechanism in Edge-Based IoT Deployment. <i>Sensors</i> , 2020 , 20,	3.8	14
658	Deep learning recognition of diseased and normal cell representation. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 32, e4017	1.9	14
657	Robot-assisted therapy for rehabilitation of children with cerebral palsy - A complementary and alternative approach. <i>Computers in Human Behavior</i> , 2019 , 100, 152-167	7.7	14
656	Green wireless body area nanonetworks: energy management and the game of survival. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014 , 18, 467-75	7.2	14
655	Toward a Framework for Continuous Authentication Using Stylometry 2014 ,		14
654	Improving Multidimensional Wireless Sensor Network Lifetime Using Pearson Correlation and Fractal Clustering. <i>Sensors</i> , 2017 , 17,	3.8	14
653	Anomaly detection using DSNS and Firefly Harmonic Clustering Algorithm 2012 ,		14
652	Internet Protocol over Wireless Sensor Networks, from Myth to Reality. <i>Journal of Communications</i> , 2010 , 5,	0.5	14
651	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
650	A new IoT-based smart energy meter for smart grids. <i>International Journal of Energy Research</i> , 2021 , 45, 189-202	4.5	14
649	Low voltage smart meter for monitoring of power quality disturbances applied in smart grid. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 147, 106890	4.6	13
648	Chaos Based Enhanced RC5 Algorithm for Security and Integrity of Clinical Images in Remote Health Monitoring. <i>IEEE Access</i> , 2019 , 7, 52858-52870	3.5	13

647	. <i>IEEE Network</i> , 2020 , 34, 108-115	11.4	13
646	. <i>IEEE Access</i> , 2020 , 8, 113790-113806	3.5	13
645	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 7707-7722	6.8	13
644	Nature-Inspired Algorithm for Training Multilayer Perceptron Networks in e-health Environments for High-Risk Pregnancy Care. <i>Journal of Medical Systems</i> , 2018 , 42, 51	5.1	13
643	Multiwave: A novel vehicle steering pattern detection method based on smartphones 2016 ,		13
642	Infrastructure for Integration of Legacy Electrical Equipment into a Smart-Grid Using Wireless Sensor Networks. <i>Sensors</i> , 2018 , 18,	3.8	13
641	LaCSys: Lattice-Based Cryptosystem for Secure Communication in Smart Grid Environment 2018 ,		13
640	Anomaly detection using digital signature of network segment with adaptive ARIMA model and Paraconsistent Logic 2014 ,		13
639	The Impact of Cooperative Nodes on the Performance of Vehicular Delay-Tolerant Networks. <i>Mobile Networks and Applications</i> , 2013 , 18, 867-878	2.9	13
638	A mobile healthcare solution for ambient assisted living environments 2014 ,		13
637	Performance assessment of a geographic routing protocol for vehicular delay-tolerant networks 2012 ,		13
636	Robust dynamic user authentication scheme for wireless sensor networks 2009 ,		13
635	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
634	Optimized gene selection and classification of cancer from microarray gene expression data using deep learning. <i>Neural Computing and Applications</i> , 2020 , 1	4.8	13
633	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
632	Cost-Effective Encryption-Based Autonomous Routing Protocol for Efficient and Secure Wireless Sensor Networks. <i>Sensors</i> , 2016 , 16, 460	3.8	13
631	. <i>IEEE Access</i> , 2019 , 7, 165748-165778	3.5	13
630	Future Communication Trends toward Internet of Things Services and Applications. <i>IEEE Wireless Communications</i> , 2019 , 26, 6-8	13.4	13

629	TimeTrustSVD: A collaborative filtering model integrating time, trust and rating information. <i>Future Generation Computer Systems</i> , 2019 , 93, 933-941	7.5	13
628	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5012-5020	11.9	13
627	HEAP: An Efficient and Fault-Tolerant Authentication and Key Exchange Protocol for Hadoop-Assisted Big Data Platform. <i>IEEE Access</i> , 2018 , 6, 75342-75382	3.5	13
626	UAV-Assisted Wireless Localization for Search and Rescue. <i>IEEE Systems Journal</i> , 2021 , 15, 3261-3272	4.3	13
625	Low Complexity GFDM Receiver for Frequency-Selective Channels. <i>IEEE Communications Letters</i> , 2019 , 23, 1166-1169	3.8	12
624	Efficient routing based on past information to predict the future location for message passing in infrastructure-less opportunistic networks. <i>Journal of Supercomputing</i> , 2015 , 71, 1694-1711	2.5	12
623	Intelligent Resource Allocation for Utility Optimization in RSU-Empowered Vehicular Network. <i>IEEE Access</i> , 2020 , 8, 94453-94462	3.5	12
622	Amateur Drone Surveillance: Applications, Architectures, Enabling Technologies, and Public Safety Issues: Part 1. <i>IEEE Communications Magazine</i> , 2018 , 56, 14-15	9.1	12
621	Deploying wireless sensor networksBased smart grid for smart meters monitoring and control. <i>International Journal of Communication Systems</i> , 2018 , 31, e3557	1.7	12
620	2018 ,		12
619	Adaptive routing protocol for urban vehicular networks to support sellers and buyers on wheels. <i>Computer Networks</i> , 2018 , 142, 168-178	5.4	12
618	Improving the Performance of LOADng Routing Protocol in Mobile IoT Scenarios. <i>IEEE Access</i> , 2019 , 7, 107032-107046	3.5	12
617	Man4VDTN A network management solution for vehicular delay-tolerant networks. <i>Computer Communications</i> , 2014 , 39, 3-10	5.1	12
616	A smart remote elderly monitoring system based on IoT technologies 2017 ,		12
615	A utility based access point selection method for IEEE 802.11 wireless networks with enhanced quality of experience 2014 ,		12
614	Analysis of the Cloud Computing Paradigm on Mobile Health Records Systems 2012 ,		12
613	A secure data deduplication framework for cloud environments 2012 ,		12
612	Mapping of sensor nodes with servers in a mobile Health-Cloud environment 2013 ,		12

611	An ant-swarm inspired energy-efficient ad hoc on-demand routing protocol for mobile ad hoc networks 2013 ,		12
610	Holt-Winters statistical forecasting and ACO metaheuristic for traffic characterization 2013 ,		12
609	A new wireless biosensor for intra-vaginal temperature monitoring. <i>Sensors</i> , 2010 , 10, 10314-27	3.8	12
608	2010 ,		12
607	A real-world VDTN testbed for advanced vehicular services and applications 2011 ,		12
606	Impact of Scheduling and Dropping Policies on the Performance of Vehicular Delay-Tolerant Networks 2011 ,		12
605	Enhanced Just-in-Time: A New Resource Reservation Protocol for Optical Burst Switching Networks. <i>Proceedings - International Symposium on Computers and Communications</i> , 2007 ,		12
604	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
603	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
602	A preeclampsia diagnosis approach using Bayesian networks 2016 ,		12
601	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12705-12715	10.7	12
600	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
599	A survey on privacy and access control schemes in fog computing. <i>International Journal of Communication Systems</i> , 2021 , 34, e4181	1.7	12
598	RoVAN: A Rough Set-based Scheme for Cluster Head Selection in Vehicular Ad-hoc Networks 2018 ,		12
597	Data Consumption-Aware Load Forecasting Scheme for Smart Grid Systems 2018 ,		12
596	Semantic interoperability and pattern classification for a service-oriented architecture in pregnancy care. <i>Future Generation Computer Systems</i> , 2018 , 89, 137-147	7.5	12
595	Design and deployment of a smart system for data gathering in estuaries using wireless sensor networks 2015 ,		11
594	A DSR-based routing protocol for mitigating blackhole attacks on mobile ad hoc networks. <i>Security and Communication Networks</i> , 2016 , 9, 420-428	1.9	11

593	SCAI-SVSC: Smart clothing for effective interaction with a sustainable vital sign collection. <i>Future Generation Computer Systems</i> , 2018 , 86, 329-338	7.5	11
592	A multi-objectives based technique for optimized routing in opportunistic networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 9, 655-666	3.7	11
591	Simulation framework for real-time database on WSNs. <i>Journal of Network and Computer Applications</i> , 2014 , 39, 191-201	7.9	11
590	Performance assessment of IP over vehicular delay-tolerant networks through the VDTN@Lab testbed. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2012 , 2012,	3.2	11
589	A hybrid system to stimulate selfish nodes to cooperate in vehicular Delay-Tolerant Networks 2015 ,		11
588	Performance evaluation of cooperative strategies for Vehicular Delay-Tolerant Networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2014 , 25, 815-822	1.9	11
587	Ant Colony Optimization Based Sub-channel Allocation Algorithm for Small Cell HetNets. <i>Wireless Personal Communications</i> , 2014 , 77, 411-432	1.9	11
586	A geographic routing oriented sleep scheduling algorithm in duty-cycled sensor networks 2012 ,		11
585	Inference of network anomaly propagation using spatio-temporal correlation. <i>Journal of Network and Computer Applications</i> , 2012 , 35, 1781-1792	7.9	11
584	Socially-Aware Venue Recommendation for Conference Participants 2013 ,		11
583	A mobile health application for outpatients medication management 2013 ,		11
582	Managing and Controlling Stress Using mHealth: Systematic Search in App Stores. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e111	5.5	11
581	An Integrated Hybrid CNN&RNN Model for Visual Description and Generation of Captions. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 776-788	2.2	11
580	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10308-10317	10.7	11
579	Anomaly Detection Using Deep Neural Network for IoT Architecture. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7050	2.6	11
578	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
577	Automated electronic approaches for detecting disease vectors mosquitoes through the wing-beat frequency. <i>Journal of Cleaner Production</i> , 2019 , 217, 767-775	10.3	10
576	Bayesian Coalition Game-based optimized clustering in Wireless Sensor Networks 2015 ,		10

575	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
574	Looking at Fog Computing for E-Health through the Lens of Deployment Challenges and Applications. <i>Sensors</i> , 2020 , 20,	3.8	10
573	. <i>IEEE Sensors Journal</i> , 2020 , 20, 12040-12048	4	10
572	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
571	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
570	A Systematic Review of Security Mechanisms for Big Data in Health and New Alternatives for Hospitals. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-6	1.9	10
569	Orchestrating multicast-oriented NFV trees in inter-DC elastic optical networks 2016 ,		10
568	Markov Decision-Based Recommender System for Sleep Apnea Patients 2019 ,		10
567	2017 ,		10
566	An altruism-based trust-dependent message forwarding protocol for opportunistic networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e3232	1.7	10
565	A novel web-enabled healthcare solution on health vault system. <i>Journal of Medical Systems</i> , 2012 , 36, 1095-105	5.1	10
564	A novel anomaly detection system based on seven-dimensional flow analysis 2013 ,		10
563	A wireless sensor network for soccer team monitoring 2011 ,		10
562	On the impact of localization and density control algorithms in target tracking applications for wireless sensor networks. <i>Sensors</i> , 2012 , 12, 6930-52	3.8	10
561	Intra-mobility handover enhancement in healthcare wireless sensor networks 2012 ,		10
560	. <i>IEEE Access</i> , 2020 , 8, 229152-229160	3.5	10
559	Machine learning and decision support system on credit scoring. <i>Neural Computing and Applications</i> , 2020 , 32, 9809-9826	4.8	10
558	. <i>IEEE Access</i> , 2020 , 8, 187671-187686	3.5	10

557	2021,		10
556	A Greedy Scanning Data Collection Strategy for Large-Scale Wireless Sensor Networks with a Mobile Sink. <i>Sensors</i> , 2016 , 16,	3.8	10
555	HRIDaaY: Ballistocardiogram-Based Heart Rate Monitoring Using Fog Computing 2019 ,		10
554	Internet of Things Based on Electronic and Mobile Health Systems for Blood Glucose Continuous Monitoring and Management. <i>IEEE Access</i> , 2019 , 7, 175116-175125	3.5	10
553	ElHealth: Using Internet of Things and data prediction for elastic management of human resources in smart hospitals. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 87, 103285	7.2	10
552	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
551	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
550	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
549	Anonymous mutual IoT interdevice authentication and key agreement scheme based on the ZigBee technique. <i>Internet of Things (Netherlands)</i> , 2019 , 7, 100061	6.9	9
548	A mutual exclusion algorithm for flying Ad Hoc networks. <i>Computers and Electrical Engineering</i> , 2019 , 76, 82-93	4.3	9
547	Biomedical data analytics in mobile-health environments for high-risk pregnancy outcome prediction. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 4121-4134	3.7	9
546	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
545	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
544	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
543	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 1319-1327	6.8	9
542	Local Mutual Exclusion algorithm using fuzzy logic for Flying Ad hoc Networks. <i>Computer Communications</i> , 2020 , 156, 101-111	5.1	9
541	Resource allocation for licensed and unlicensed spectrum in 5G heterogeneous networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3299	1.9	9
540	Joint power-QoS control scheme for energy harvesting body sensor nodes 2014 ,		9

539	A mobile health application for falls detection and biofeedback monitoring 2013,		9
538	Energy-Efficient Prophet-PRoWait-EDR Protocols for Opportunistic Networks 2017,		9
537	LPTA: location predictive and time adaptive data gathering scheme with mobile sink for wireless sensor networks. <i>Scientific World Journal, The</i> , 2014 , 2014, 476253	2.2	9
536	Low cost wireless sensor network for salinity monitoring in mangrove forests 2014,		9
535	A cryptography-based protocol against packet dropping and message tampering attacks on mobile ad hoc networks. <i>Security and Communication Networks</i> , 2014 , 7, 376-384	1.9	9
534	A WSN solution for light aircraft pilot health monitoring 2012,		9
533	Performance assessment of fragmentation mechanisms for vehicular delay-tolerant networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2011 , 2011,	3.2	9
532	Bundles fragmentation in Vehicular Delay-Tolerant Networks 2011,		9
531	Design and Construction of Wireless Sensor Network Gateway with IPv4/IPv6 Support 2011,		9
530	A Swarm Intelligence-based P2P file sharing protocol using Bee Algorithm 2009,		9
529	Evaluating the Impact of Storage Capacity Constraints on Vehicular Delay-Tolerant Networks 2009,		9
528	Mobile Solution for Three-Tier Biofeedback Data Acquisition and Processing 2008,		9
527	Vehicular Wireless Burst Switching Network: Enhancing Rural Connectivity 2008,		9
526	A Novel Fog-Based Multi-Level Energy-Efficient Framework for IoT-Enabled Smart Environments. <i>IEEE Access</i> , 2020 , 8, 150010-150026	3.5	9
525	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7902-7911	10.7	9
524	Underwater Communications for Video Surveillance Systems at 2.4 GHz. <i>Sensors</i> , 2016 , 16,	3.8	9
523	. <i>IEEE Access</i> , 2019 , 7, 138614-138623	3.5	9
522	An Internet of Things Tracking System Approach Based on LoRa Protocol 2018,		9

521	A high-available and location predictive data gathering scheme with mobile sinks for wireless sensor networks. <i>Computer Networks</i> , 2018 , 145, 156-164	5.4	9
520	Supported matrix factorization using distributed representations for personalised recommendations on twitter. <i>Computers and Electrical Engineering</i> , 2018 , 71, 569-577	4.3	9
519	Mobile-fog-cloud assisted deep reinforcement learning and blockchain-enable IoMT system for healthcare workflows. <i>Transactions on Emerging Telecommunications Technologies</i> , e4363	1.9	9
518	Two-Tier Architecture for Spectrum Auction in SDN-Enabled Cloud Radio Access Network. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9191-9204	6.8	8
517	Secure EEG Signal Transmission for Remote Health Monitoring Using Optical Chaos. <i>IEEE Access</i> , 2019 , 7, 57769-57778	3.5	8
516	BTDGS: Binary-Tree based Data Gathering Scheme with Mobile Sink for Wireless Multimedia Sensor Networks. <i>Mobile Networks and Applications</i> , 2015 , 20, 604-622	2.9	8
515	IOT based solution for home power energy monitoring and actuating 2015 ,		8
514	Agent Pseudonymous Authentication-Based Conditional Privacy Preservation: An Emergent Intelligence Technique. <i>IEEE Systems Journal</i> , 2020 , 14, 5233-5244	4.3	8
513	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
512	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
511	Averaged one-dependence estimators on edge devices for smart pregnancy data analysis. <i>Computers and Electrical Engineering</i> , 2019 , 77, 435-444	4.3	8
510	An efficient and low cost Windows Mobile BSN monitoring system based on TinyOS. <i>Telecommunication Systems</i> , 2014 , 55, 115-124	2.3	8
509	Real time falls prevention and detection with biofeedback monitoring solution for mobile environments 2013 ,		8
508	Predicting hypertensive disorders in high-risk pregnancy using the random forest approach 2017 ,		8
507	Playing the Smart Grid Game: Performance Analysis of Intelligent Energy Harvesting and Traffic Flow Forecasting for Plug-In Electric Vehicles. <i>IEEE Vehicular Technology Magazine</i> , 2015 , 10, 81-92	9.9	8
506	Ambient assisted living communications [Guest Editorial] 2015 , 53, 24-25		8
505	Impact of sensor nodes scaling and velocity on handover mechanisms for healthcare wireless sensor networks with mobility support. <i>Computers in Industry</i> , 2015 , 69, 92-104	11.6	8
504	A QoS-Based Wireless Multimedia Sensor Cluster Protocol. <i>International Journal of Distributed Sensor Networks</i> , 2014 , 10, 480372	1.7	8

503	A sudden infant death prevention system for babies 2014 ,		8
502	Digital signature of network segment for healthcare environments support. <i>Irbm</i> , 2014 , 35, 299-309	4.8	8
501	Network Admission Control Solution for 6LoWPAN Networks 2013 ,		8
500	Development and evaluation of a Web-based tool to estimate type 2 diabetes risk: Diab_Alert. <i>Telemedicine Journal and E-Health</i> , 2013 , 19, 81-7	5.9	8
499	Data fusion on wireless sensor and actuator networks powered by the ZenSens system. <i>IET Communications</i> , 2011 , 5, 1661-1668	1.3	8
498	User-centric data gathering multi-channel system for IPv6-enabled wireless sensor networks. <i>International Journal of Sensor Networks</i> , 2011 , 9, 13	0.8	8
497	Intra-body Temperature Monitoring Using a Biofeedback Solution 2010 ,		8
496	mTracker: A Mobile Tracking Application for Pervasive Environment 2010 ,		8
495	Geographic routing in random duty-cycled wireless multimedia sensor networks 2010 ,		8
494	2009 ,		8
493	Mobile multimedia in wireless sensor networks. <i>International Journal of Sensor Networks</i> , 2012 , 11, 3	0.8	8
492	Cross-layer wireless video adaptation: Tradeoff between distortion and delay. <i>Computer Communications</i> , 2010 , 33, 1615-1622	5.1	8
491	A New Energy Prediction Approach for Intrusion Detection in Cluster-Based Wireless Sensor Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012 , 1-12	0.2	8
490	An inference mechanism using Bayes-based classifiers in pregnancy care 2016 ,		8
489	Towards a cooperative security system for mobile-health applications. <i>Electronic Commerce Research</i> , 2019 , 19, 629-654	2.1	8
488	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 ¹⁷		8
487	An IoT-based Automated Shower System for Smart Homes 2018 ,		8
486	Applying deep learning-based multi-modal for detection of coronavirus. <i>Multimedia Systems</i> , 2021 , 1-12	2.2	8

485	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
484	The Role of Wearable Technologies in Supply Chain Collaboration: A Case of Pharmaceutical Industry. <i>IEEE Access</i> , 2019 , 7, 49014-49026	3.5	7
483	MAC layer handover mechanism for continuous communication support in healthcare mobile wireless sensor networks. <i>Telecommunication Systems</i> , 2015 , 60, 119-132	2.3	7
482	Energy-Efficient Check-and-Spray Geocast Routing Protocol for Opportunistic Networks. <i>Information (Switzerland)</i> , 2020 , 11, 504	2.6	7
481	An SDN approach to route massive data flows of sensor networks. <i>International Journal of Communication Systems</i> , 2020 , 33, e4309	1.7	7
480	MobiCoop. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2016 , 12, 1-23	3.4	7
479	Smart mobile system for pregnancy care using body sensors 2016 ,		7
478	An improved fault detection crow search algorithm for wireless sensor network. <i>International Journal of Communication Systems</i> , 2019 , e4136	1.7	7
477	Performance assessment of long-range and Sigfox protocols with mobility support. <i>International Journal of Communication Systems</i> , 2019 , 32, e3956	1.7	7
476	A Robust Channel Estimation Scheme for 5G Massive MIMO Systems. <i>Wireless Communications and Mobile Computing</i> , 2019 , 2019, 1-8	1.9	7
475	Performance evaluation of a cooperative reputation system for vehicular delay-tolerant networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2014 , 2014,	3.2	7
474	A hybrid NFC-Bluetooth secure protocol for Credit Transfer among mobile phones. <i>Security and Communication Networks</i> , 2014 , 7, 325-337	1.9	7
473	A wireless sensor network deployment to detect the degeneration of cement used in construction. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , 2014 , 15, 147	0.7	7
472	A network algorithm for 3D/2D IPTV distribution using WiMAX and WLAN technologies. <i>Multimedia Tools and Applications</i> , 2013 , 67, 7-30	2.5	7
471	Content analysis of neurodegenerative and mental diseases social groups. <i>Health Informatics Journal</i> , 2015 , 21, 267-83	3	7
470	2014 ,		7
469	A Weight-Aware Recommendation Algorithm for Mobile Multimedia Systems. <i>Mobile Information Systems</i> , 2013 , 9, 139-155	1.4	7
468	Performance of vehicular delay-tolerant networks with relay nodes. <i>Wireless Communications and Mobile Computing</i> , 2011 , 11, 929-938	1.9	7

467	EduTutor. <i>International Journal of Distance Education Technologies</i> , 2010 , 8, 66-80	1.1	7
466	Exploiting Node Localization for Performance Improvement of Vehicular Delay-Tolerant Networks 2010 ,		7
465	A Symbian-based mobile solution for intra-body temperature monitoring 2010 ,		7
464	Differentiated Energy Savings in Optical Networks with Grooming Capabilities 2010 ,		7
463	Improved robust user authentication scheme for wireless sensor networks 2009 ,		7
462	Impact of vehicle movement models on VDTN routing strategies for rural connectivity. <i>International Journal of Mobile Network Design and Innovation</i> , 2009 , 3, 103	0.4	7
461	Canine as Robot in Directed Search 2007 ,		7
460	Performance assessment of wavelength routed optical networks with shortest path routing over degree three topologies		7
459	Digital signature to help network management using flow analysis. <i>International Journal of Network Management</i> , 2016 , 26, 76-94	1.8	7
458	Study about vehicles velocities using time causal Information Theory quantifiers. <i>Ad Hoc Networks</i> , 2019 , 89, 22-34	4.8	7
457	T_CAFE: A Trust based Security approach for Opportunistic IoT. <i>IET Communications</i> , 2019 , 13, 3463-3471	1.3	7
456	5G-Enabled Health Systems: Solutions, Challenges and Future Research Trends 2019 ,		7
455	Slicing WiFi WLAN-Sharing Access Infrastructures to Enhance Ultra-Dense 5G Networking 2018 ,		7
454	An intelligent system for complex violence pattern analysis and detection. <i>International Journal of Intelligent Systems</i> ,	8.4	7
453	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
452	Cooperation in DTN-Based Network Architectures 101-115		7
451	Mobile Cloud Storage Over 5G: A Mechanism Design Approach. <i>IEEE Systems Journal</i> , 2019 , 13, 4060-4074	1.3	6
450	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

449	Message trust-based secure multipath routing protocol for opportunistic networks. <i>International Journal of Communication Systems</i> , 2020 , 33, e4364	1.7	6
448	Bayesian Cooperative Coalition Game as a Service for RFID-Based Secure QoS Management in Mobile Cloud. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2018 , 6, 58-71	4.1	6
447	Heterogeneous domain adaptation network based on autoencoder. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 117, 281-291	4.4	6
446	Performance evaluation of LOADng routing protocol in IoT P2P and MP2P applications 2016 ,		6
445	Proactive Decision Based Handoff Scheme for Cognitive Radio Networks 2018 ,		6
444	A multi-channel architecture for IPv6-enabled wireless sensor and actuator networks featuring PnP support. <i>Journal of Network and Computer Applications</i> , 2014 , 37, 12-24	7.9	6
443	Personal Learning Environment Box (PLEBOX): A new approach to E-learning platforms. <i>Computer Applications in Engineering Education</i> , 2013 , 21, E100-E109	1.6	6
442	A novel anomaly detection system to assist network management in SDN environment 2017 ,		6
441	Wireless Sensor Networks in IPv4/IPv6 Transition Scenarios. <i>Wireless Personal Communications</i> , 2014 , 78, 1849-1862	1.9	6
440	An intelligent clustering algorithm for VANETs 2014 ,		6
439	Energy-efficient tasks scheduling algorithm for real-time multiprocessor embedded systems. <i>Journal of Supercomputing</i> , 2012 , 62, 967-988	2.5	6
438	GAODV: A Modified AODV Against Single and Collaborative Black Hole Attacks in MANETs 2013 ,		6
437	A reputation system to identify and isolate selfish nodes in Vehicular Delay-Tolerant Networks 2013 ,		6
436	Networking Anomaly Detection Using DSNs and Particle Swarm Optimization with Re-Clustering 2010 ,		6
435	Detecting intra-fraction motion in patients undergoing radiation treatment using a low-cost wireless accelerometer. <i>Sensors</i> , 2009 , 9, 6715-29	3.8	6
434	Co-channel interference modelling between RATs in heterogeneous wireless networks 2012 ,		6
433	Smart collaborative system using the sensors of mobile devices for monitoring disabled and elderly people 2012 ,		6
432	Geographic server distribution model for key revocation. <i>Telecommunication Systems</i> , 2010 , 44, 281-295	2.3	6

431	Performance Evaluation of a Real Vehicular Delay-Tolerant Network Testbed. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 219641	1.7	6
430	Identifying fraud in medical insurance based on blockchain and deep learning. <i>Future Generation Computer Systems</i> , 2022 , 130, 140-154	7.5	6
429	Network Management and Monitoring Solutions for Vehicular Networks: A Survey. <i>Electronics (Switzerland)</i> , 2020 , 9, 853	2.6	6
428	An Advanced and Secure Symbian-Based Mobile Approach for Body Sensor Networks Interaction. <i>International Journal of E-Health and Medical Communications</i> , 2011 , 2, 1-16	1.4	6
427	. <i>IEEE Communications Magazine</i> , 2021 , 59, 80-85	9.1	6
426	Towards a cooperative security system for mobile-health applications 2019 , 19, 629		6
425	DCAVN: Cervical cancer prediction and classification using deep convolutional and variational autoencoder network. <i>Multimedia Tools and Applications</i> , 2020 , 80, 30399	2.5	6
424	. <i>IEEE Access</i> , 2020 , 8, 174049-174079	3.5	6
423	. <i>IEEE Network</i> , 2021 , 35, 18-25	11.4	6
422	Novel congestion avoidance scheme for Internet of Drones. <i>Computer Communications</i> , 2021 , 169, 202-230	3.0	6
421	Planning Fog networks for time-critical IoT requests. <i>Computer Communications</i> , 2021 , 172, 75-83	5.1	6
420	Game Theory-Based Channel Allocation in Cognitive Radio Networks 2016 ,		6
419	Performance Evaluation of Predictive Classifiers for Pregnancy Care 2016 ,		6
418	Graph colouring technique for efficient channel allocation in cognitive radio networks 2016 ,		6
417	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
416	. <i>IEEE Systems Journal</i> , 2021 , 15, 3142-3149	4.3	6
415	A lightweight cyber security framework with context-awareness for pervasive computing environments. <i>Sustainable Cities and Society</i> , 2021 , 66, 102610	10.1	6
414	An Efficient Context-Aware Vehicle Incidents Route Service Management for Intelligent Transport System. <i>IEEE Systems Journal</i> , 2021 , 1-12	4.3	6

4 ¹³	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
4 ¹²	Task Allocation in Distributed Software Development: A Systematic Literature Review. <i>Complexity</i> , 2018 , 2018, 1-13	1.6	6
4 ¹¹	Achieving Energy Efficiency and Sustainability in Edge/Fog Deployment 2018 , 56, 20-21		6
4 ¹⁰	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
4 ⁰⁹	Security in IoT-enabled smart agriculture: architecture, security solutions and challenges. <i>Cluster Computing</i> , 1	2.1	6
4 ⁰⁸	A secure energy-efficient access control scheme for wireless sensor networks based on elliptic curve cryptography. <i>Security and Communication Networks</i> , 2016 , 9, 3944-3951	1.9	5
4 ⁰⁷	Performance Evaluation of MQTT Brokers in the Internet of Things for Smart Cities 2019 ,		5
4 ⁰⁶	Enabling Digital Grid for Industrial Revolution: Self-Healing Cyber Resilient Platform. <i>IEEE Network</i> , 2019 , 33, 219-225	11.4	5
4 ⁰⁵	A Distributed Adaptive Admission Control Scheme for Multimedia Wireless Mesh Networks . <i>IEEE Systems Journal</i> , 2015 , 9, 595-604	4.3	5
4 ⁰⁴	Exploring Social Networks and Improving Hypertext Results for Cloud Solutions. <i>Mobile Networks and Applications</i> , 2016 , 21, 215-221	2.9	5
4 ⁰³	Aggregator based RPL for an IoT-fog based power distribution system with 6LoWPAN. <i>China Communications</i> , 2020 , 17, 104-117	3	5
4 ⁰²	PSSCC: Provably secure communication framework for crowdsourced industrial Internet of Things environments. <i>Software - Practice and Experience</i> , 2020 ,	2.5	5
4 ⁰¹	Middleware for integration of legacy electrical equipment into smart grid infrastructure using wireless sensor networks. <i>International Journal of Communication Systems</i> , 2018 , 31, e3380	1.7	5
4 ⁰⁰	A composite routing metric for wireless sensor networks in AAL-IoT 2016 ,		5
3 ⁹⁹	Energy aware routing for efficient green communication in opportunistic networks. <i>IET Networks</i> , 2019 , 8, 272-279	2.8	5
3 ⁹⁸	A case study: Monitoring heat exchanger based on vibration sensors and nondestructive testing technique 2013 ,		5
3 ⁹⁷	A case and framework for code analysisBased smartphone application energy estimation. <i>International Journal of Communication Systems</i> , 2017 , 30, e3235	1.7	5
3 ⁹⁶	Performance Evaluation of Routing Metrics in the LOADng Routing Protocol. <i>Journal of Communications Software and Systems</i> , 2017 , 13, 87	0.8	5

395	An Experimental QoE Performance Study for the Efficient Transmission of High Demanding Traffic over an Ad Hoc Network Using BATMAN. <i>Mobile Information Systems</i> , 2015 , 2015, 1-14	1.4	5
394	Data Dissemination in Vehicular Networks Using Context Spaces 2015 ,		5
393	How to measure the QoS of a web-based EHRs system: development of an instrument. <i>Journal of Medical Systems</i> , 2012 , 36, 3725-31	5.1	5
392	E2SIW: An Energy Efficient Scheme Immune to Wormhole Attacks in Wireless Ad Hoc Networks 2012 ,		5
391	Solving network isolation problem in duty-cycled wireless sensor networks 2013 ,		5
390	Performance evaluation of an enhanced cryptography solution for m-Health applications in cooperative environments 2013 ,		5
389	FTP@VDTN IA file transfer application for Vehicular Delay-Tolerant Networks 2011 ,		5
388	Security mechanism for voice over multipath mobile ad hoc networks. <i>Wireless Communications and Mobile Computing</i> , 2011 , 11, 196-210	1.9	5
387	End-to-end connectivity IPv6 over wireless sensor networks 2011 ,		5
386	A Trust Management Scheme for Enhancing Security in Pervasive Wireless Networks 2009 ,		5
385	Power-Efficient Lightpath-Based Grooming Strategies in WDM Mesh Networks 2011 ,		5
384	Trust management in opportunistic pervasive healthcare systems 2009 ,		5
383	Performance Implications of Meshing Degree for Optical Burst Switched Networks Using One-Way Resource Reservation Protocols. <i>Telecommunication Systems</i> , 2005 , 30, 35-47	2.3	5
382	Crowdsensing-Based Cross-Operator Switch in Rail Transit Systems. <i>IEEE Transactions on Communications</i> , 2020 , 68, 7938-7947	6.9	5
381	Reinforcement Learning-Based Routing Protocol for Opportunistic Networks 2020 ,		5
380	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
379	Lightweight Failover Authentication Mechanism for IoT-Based Fog Computing Environment. <i>Electronics (Switzerland)</i> , 2021 , 10, 1417	2.6	5
378	Intrusion detection based on hybrid classifiers for smart grid. <i>Computers and Electrical Engineering</i> , 2021 , 93, 107212	4.3	5

377	An Energy-Efficient Routing Protocol for Infrastructure-Less Opportunistic Networks 2016 ,		5
376	Joint optimisation of radio and infrastructure resources for energy-efficient massive data storage in the mobile cloud over 5G HetNet. <i>IET Wireless Sensor Systems</i> , 2019 , 9, 323-332	1.6	5
375	Performance Delay Comparison in Random Access Procedure for NB-IoT, LoRa, and SigFox IoT Protocols 2019 ,		5
374	Combinatorial resource allocation in D2D assisted heterogeneous relay networks. <i>Future Generation Computer Systems</i> , 2020 , 107, 956-964	7.5	5
373	2PBDC: privacy-preserving bigdata collection in cloud environment. <i>Journal of Supercomputing</i> , 2020 , 76, 4772-4801	2.5	5
372	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
371	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5389-5402	6.1	5
370	. <i>IEEE Network</i> , 2021 , 35, 16-19	11.4	5
369	A user-centric cooperative edge caching scheme for minimizing delay in 5G content delivery networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3461	1.9	5
368	Studying the Impact of Initialization for Population-Based Algorithms with Low-Discrepancy Sequences. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8190	2.6	5
367	Proposing Telecardiology Services on Cloud for Different Medical Institutions: A Model of Reference. <i>Telemedicine Journal and E-Health</i> , 2017 , 23, 654-661	5.9	4
366	REMA: A REsource MAnagement tool to improve the performance of vehicular delay-tolerant networks. <i>Vehicular Communications</i> , 2017 , 9, 135-143	5.7	4
365	Internet of Things. User-Centric IoT. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2015 ,	0.2	4
364	Modified Floyd-Warshall algorithm for equal cost multipath in software-defined data center 2015 ,		4
363	A Secure Video Deduplication Scheme in Cloud Storage Environments Using H.264 Compression 2015 ,		4
362	Security and privacy in emerging networks: Part II [Guest Editorial] 2015 , 53, 40-41		4
361	An energy-efficient utility-based distributed data routing scheme for heterogenous sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2015 , 15, 2020-2037	1.9	4
360	DEEP: Distance and encounter based energy-efficient protocol for opportunistic networks. <i>Journal of High Speed Networks</i> , 2018 , 24, 119-131	0.4	4

359	Energy Prediction Based MAC Layer Optimization for Harvesting Enabled WSNs in Smart Cities 2018,		4
358	A Preterm Birth Risk Prediction System for Mobile Health Applications Based on the Support Vector Machine Algorithm 2018,		4
357	Subcarriers assignment scheme for multiple secondary users in OFDMA-based IEEE 802.22 WRAN: A game theoretic approach. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3502 ¹⁻⁹		4
356	Cloud of Things for Healthcare: A Survey from Energy Efficiency Perspective 2019,		4
355	OASys: An opportunistic and agile system to detect free on-street parking using intelligent boards embedded in surveillance cameras. <i>Journal of Network and Computer Applications</i> , 2014 , 46, 241-249	7.9	4
354	Catastrophic collision in Bio-nanosensor Networks: Does it really matter? 2013,		4
353	Detecting mobile botnets through machine learning and system calls analysis 2017,		4
352	A security metric for the evaluation of collaborative intrusion detection systems in wireless sensor networks 2017,		4
351	Using predictive classifiers to prevent infant mortality in the Brazilian northeast 2017,		4
350	SmartBuddy: An Integrated Mobile Sensing and Detecting System for Family Activities 2017,		4
349	E-MAnt Net: An ACO-Based Energy Efficient Routing Protocol for Mobile Ad Hoc Networks 2015,		4
348	An introduction to delay and disruption-tolerant networks (DTNs) 2015 , 1-21		4
347	Ubiquitous Monitoring Solution for Wireless Sensor Networks with Push Notifications and End-to-End Connectivity. <i>Mobile Information Systems</i> , 2014 , 10, 19-35	1.4	4
346	Correlational paraconsistent machine for anomaly detection 2014,		4
345	Proof of Retrieval and Ownership Protocols for Images through SPIHT Compression 2014,		4
344	An SNMP-based solution for vehicular delay-tolerant network management 2012,		4
343	Breast alert: an on-line tool for predicting the lifetime risk of women breast cancer. <i>Journal of Medical Systems</i> , 2012 , 36, 1417-24	5.1	4
342	Detecting Sybil attack based on state information in Underwater Wireless Sensor Networks 2013,		4

341	Digital signature to help network management using principal component analysis and K-means clustering 2013 ,		4
340	A Low Energy Consumption DOA Estimation Approach for Conformal Array in Ultra-Wideband. <i>Future Internet</i> , 2013 , 5, 611-630	3.3	4
339	Security and Privacy in Pervasive Networks 2011 , 159-173		4
338	New Trends on Ubiquitous Mobile Multimedia Applications. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2010 , 2010,	3.2	4
337	SensorFall - An Accelerometer Based Mobile Application 2009 ,		4
336	A comparison of approaches to node and service discovery in 6lowPAN wireless sensor networks 2009 ,		4
335	A Ubiquitous Model for Wireless Sensor Networks Monitoring 2012 ,		4
334	Evaluation of resource reservation protocols for IP over OBS networks 2009 ,		4
333	OBS Simulation Tools: A Comparative Study 2008 ,		4
332	Past, Present and Future of IP Telephony 2008 ,		4
331	InHand - mobile professional context and location aware tool 2008 ,		4
330	Performance Assessment of Signaling Protocols in Optical Burst Switching Mesh Networks. <i>Lecture Notes in Computer Science</i> , 2004 , 750-759	0.9	4
329	Performance Assessment of Optical Burst Switching Ring and Chordal Ring Networks. <i>Telecommunication Systems</i> , 2004 , 27, 133-149	2.3	4
328	The Role of Network Topologies in the Optical Core of IP-over-WDM Networks with Static Wavelength Routing. <i>Telecommunication Systems</i> , 2003 , 24, 111-122	2.3	4
327	Performance assessment of wavelength routing optical networks with irregular degree-three topologies		4
326	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
325	Taking Cooperative Decisions in Group-Based Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2011 , 61-65	0.9	4
324	. <i>IEEE Access</i> , 2020 , 8, 138922-138933	3.5	4

323	. <i>IEEE Access</i> , 2020 , 8, 160145-160157	3.5	4
322	On the Design of Secure Communication Framework for Blockchain-Based Internet of Intelligent Battlefield Things Environment 2020 ,		4
321	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
320	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3869-3879	6.1	4
319	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
318	Smart Waste Bin: A New Approach for Waste Management in Large Urban Centers 2018 ,		4
317	Wireless Sensor Networks in Industry 4.0: WirelessHART and ISA100.11a 2018 ,		4
316	Performance Evaluation of IoT Network Management Platforms 2018 ,		4
315	Passphrase protected device-to-device mutual authentication schemes for smart homes. <i>Security and Privacy</i> , 2018 , 1, e42	1.8	4
314	BDTMS: Binomial Distribution-based Trust Management Scheme for Healthcare-oriented Wireless Sensor Network 2018 ,		4
313	Network selection in heterogeneous access networks simultaneously satisfying user profile and QoS. <i>International Journal of Communication Systems</i> , 2018 , 31, e3730	1.7	4
312	A comprehensive review on IoT-based infrastructure for smart grid applications. <i>IET Renewable Power Generation</i> ,	2.9	4
311	2019 ,		3
310	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1293-1297	10.7	3
309	Pareto set as a model for dispatching resources in emergency Centres. <i>Peer-to-Peer Networking and Applications</i> , 2019 , 12, 865-880	3.1	3
308	Security and privacy in emerging networks: Part 1 [Guest Editorial] 2015 , 53, 18-19		3
307	Performances evaluation and Petri nets 2015 , 313-355		3
306	Wormhole prevention using COTA mechanism in position based environment over MANETs 2015 ,		3

305	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
304	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
303	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 7783-7794	10.7	3
302	Guest Editorial Special Issue on Advances in Underwater Acoustic Sensor Networks. <i>IEEE Sensors Journal</i> , 2016 , 16, 3994-3994	4	3
301	Multicast improvement for LOADng in Internet of Things networks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 148, 106931	4.6	3
300	Fault tolerant, energy efficient and secure clustering scheme for mobile machine-to-machine communications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2014 , 25, n/a-n/a	1.9	3
299	A Wi-Fi Simulation Model Which Supports Channel Scanning across Multiple Non-overlapping Channels in NS3 2014 ,		3
298	Secure Enterprise Data Deduplication in the Cloud 2013 ,		3
297	Using Ant Colony Optimization metaheuristic and Dynamic Time Warping for anomaly detection 2013 ,		3
296	Characteristics analysis and optimization design of entities collaboration for cloud manufacturing. <i>Concurrency Computation Practice and Experience</i> , 2017 , 29, e3948	1.4	3
295	How does the Spanish regulation of NGN affect to final users? Effects on the deployment of new FTTH infrastructures. <i>Telecommunication Systems</i> , 2017 , 64, 391-415	2.3	3
294	Analyzing and managing the slot occupancy of car parking by exploiting vision-based urban surveillance networks 2017 ,		3
293	Internet of things mobile gateway services for intelligent personal assistants 2015 ,		3
292	Markovian Model Based Channel Allocation in Cognitive Radio Networks 2015 ,		3
291	A Rate Adaptive Admission Control Protocol for Multimedia Wireless Mesh Networks 2012 ,		3
290	SoNET: A delay-tolerant geo-sensor network for environmental monitoring 2012 ,		3
289	Testbed-based performance evaluation of routing protocols for vehicular delay-tolerant networks 2011 ,		3
288	The Vehicular Delay-Tolerant Networks (VDTN) Euro-NF joint research project 2011 ,		3

287	Performance Assessment of Caching and Forwarding Algorithms for Vehicular Delay Tolerant Networks 2010 ,		3
286	An embedded VDTN testbed for the evaluation of vehicular safety systems 2011 ,		3
285	An ubiquitous mobile multimedia system for events agenda 2012 ,		3
284	Moni4VDTN: A monitoring system for vehicular delay-tolerant networks 2012 ,		3
283	Trust-enhanced message security protocol for mobile ad hoc networks 2012 ,		3
282	Dividing PKI in strongest availability zones 2009 ,		3
281	A mobile core-body temperature monitoring system on Android 2010 ,		3
280	Object-oriented modeling and simulation of optical burst switching networks		3
279	The Role of Meshing Degree in Optical Burst Switching Networks Using Signaling Protocols with One-Way Reservation Schemes. <i>Lecture Notes in Computer Science</i> , 2005 , 44-51	0.9	3
278	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
277	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
276	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
275	CrowdSwitch: Crowdsensing Based Switch between Multiple Cellular Operators in Subways 2019 ,		3
274	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
273	Efficient scheduling of video camera sensor networks for IoT systems in smart cities. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e3798	1.9	3
272	Multi-Agent-Based Modeling for Underground Pipe Health and Water Quality Monitoring for Supplying Quality Water. <i>International Journal of Intelligent Information Technologies</i> , 2020 , 16, 52-79	0.9	3
271	RSU-Empowered Resource Pooling for Task Scheduling in Vehicular Fog Computing 2020 ,		3
270	Blockchain based secure IoT data sharing framework for SDN-enabled smart communities 2020 ,		3

269	Defining Service-Oriented Trust Assessment for Social Internet of Things. <i>IEEE Access</i> , 2020 , 8, 206459-206473	9.5	3
268	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
267	Adaptive recurrent NeuroFuzzy control for power system stability in smart cities. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 45, 101089	4.7	3
266	Efficient Ubiquitous Big Data Storage Strategy for Mobile Cloud Computing over HetNet 2016 ,		3
265	An efficient method for mobile big data transfer over HetNet in emerging 5G systems 2016 ,		3
264	Experimental Results of a Raspberry Pi Based Wireless Mesh Network Testbed Considering TCP and LoS Scenario 2016 ,		3
263	Investigation of Fitness Function Weight-Coefficients for Optimization in WMN-PSO Simulation System 2016 ,		3
262	Priority Based Buffer Management Technique for Opportunistic Networks 2019 ,		3
261	GMA: An adult account identification algorithm on Sina Weibo using behavioral footprints. <i>Future Generation Computer Systems</i> , 2019 , 93, 942-951	7.5	3
260	Enhancement and Assessment of a Code-Analysis-Based Energy Estimation Framework. <i>IEEE Systems Journal</i> , 2019 , 13, 1052-1059	4.3	3
259	Privacy issues of android application permissions: A literature review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e3773	1.9	3
258	Interconnecting networks with optimized service provisioning. <i>Telecommunication Systems</i> , 2020 , 73, 223-239	2.3	3
257	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
256	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
255	Urdu signboard detection and recognition using deep learning. <i>Multimedia Tools and Applications</i> , 2021 , 30, 1010-1020	2.5	3
254	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
253	. <i>IEEE Network</i> , 2021 , 35, 26-33	11.4	3
252	LEASE: Lattice and ECC-Based Authentication and Integrity Verification Scheme in E-Healthcare 2018 ,		3

251	Optimal Secondary Users Selection for Cooperative Spectrum Sensing in Cognitive Radio Networks 2018,		3
250	An IoT Sensor Mote for Precision Agriculture with Several MAC Layer Protocols Support 2018,		3
249	An Energy-Efficient Location Prediction-Based Forwarding Scheme for Opportunistic Networks 2018,		3
248	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
247	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
246	Impact of Setup Message Processing and Optical Switch Configuration Times on the Performance of IP over Optical Burst Switching Networks. <i>Lecture Notes in Computer Science</i> , 2005 , 264-273	0.9	3
245	Medical data security of wearable tele-rehabilitation under internet of things 2022 , 2, 1-11		3
244	Futuristic view of the Internet of Quantum Drones: Review, challenges and research agenda. <i>Vehicular Communications</i> , 2022 , 100487	5.7	3
243	IEEE Access Special Section Editorial: Intelligent Systems for the Internet of Things. <i>IEEE Access</i> , 2019 , 7, 146342-146347	3.5	2
242	Can Tactile Internet be a Solution for Low Latency Heart Disorientation Measure: An Analysis 2019,		2
241	PSARV: Particle Swarm Angular Routing in Vehicular Ad Hoc Networks. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2019 , 115-127	0.4	2
240	Classification of risk areas using a bootstrap-aggregated ensemble approach for reducing Zika virus infection in pregnant women. <i>Pattern Recognition Letters</i> , 2019 , 125, 289-294	4.7	2
239	Enabling Online Quantitative Security Analysis in 6LoWPAN Networks. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5631-5638	10.7	2
238	An Analysis of Machine-Type-Communication on Human-Type-Communication over Wireless Communication Networks 2015,		2
237	Statistical, forecasting and metaheuristic techniques for network anomaly detection 2015,		2
236	Data-Driven Joint Resource Allocation in Large-scale Heterogeneous Wireless Networks. <i>IEEE Network</i> , 2020 , 34, 163-169	11.4	2
235	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
234	Cache Poisoning Prevention Scheme in 5G-enabled Vehicular Networks: A Tangle-based Theoretical Perspective 2020,		2

233	Decentralized Private Information Sharing Protocol on Social Networks. <i>Security and Communication Networks</i> , 2020 , 2020, 1-12	1.9	2
232	Computational Learning Approaches for Personalized Pregnancy Care. <i>IEEE Network</i> , 2020 , 34, 106-111	11.4	2
231	Performance Assessment of the LOADng Routing Protocol in Smart City Scenarios 2017 ,		2
230	Applying Fog Computing to Improve Crime Assistance in Smart Transportation Safety Systems 2017 ,		2
229	Performance Evaluation of LTE and 5G Modeling over OFDM and GFDM Physical Layers 2018 ,		2
228	. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1572-1574	10.7	2
227	An IoT-Based Water Monitoring System for Smart Buildings 2019 ,		2
226	Fetal Birth Weight Estimation in High-Risk Pregnancies Through Machine Learning Techniques 2019 ,		2
225	A Novel Attention Mechanism Considering Decoder Input for Abstractive Text Summarization 2019 ,		2
224	C-SCAN: An Energy-Efficient Network Layer Security Protocol for Mobile Ad Hoc Networks 2014 ,		2
223	Performance assessment of a new intra-mobility solution for healthcare wireless sensor networks. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , 2014 , 15, 215	0.7	2
222	Real-time query processing optimisation for wireless sensor networks. <i>International Journal of Sensor Networks</i> , 2015 , 18, 49	0.8	2
221	Towards a novel service learning platform: a second generation learning solution. <i>International Journal of Web and Grid Services</i> , 2013 , 9, 323	1.4	2
220	A joint call admission control-based approach for initial RAT selection in HetNets 2013 ,		2
219	A Semi-Markov Decision Model-based brokering mechanism for mobile cloud market 2017 ,		2
218	Supernova and Hypernova Misbehavior Detection Scheme for Opportunistic Networks 2017 ,		2
217	A Quantitative Model for Dynamic Security Analysis of Wireless Sensor Networks 2017 ,		2
216	Game Theoretic Analysis of Post Handoff Target Channel Sharing in Cognitive Radio Networks 2017 ,		2

215	Towards Intelligent Caching and Retrieval Mechanisms for Upcoming Proposals on Vehicular Delay-Tolerant Networks. <i>Journal of Communications Software and Systems</i> , 2017 , 7, 1	0.8	2
214	Vehicular delay-tolerant networks (VDTNs) 2015 , 61-80		2
213	Analysis of Sub-Band Allocation in Multi-Service Cognitive Radio Access Networks. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 645-648	5.9	2
212	Revisiting relative neighborhood graph-based broadcasting algorithms for multimedia ad hoc wireless networks. <i>Journal of Supercomputing</i> , 2012 , 62, 24-41	2.5	2
211	Deployment of a real Vehicular Delay-Tolerant Network testbed 2012 ,		2
210	A telematic tool to predict the risk of colorectal cancer in white men and women: ColoRectal Cancer Alert (CRCA). <i>Journal of Medical Systems</i> , 2012 , 36, 2557-64	5.1	2
209	Development and performance evaluation of a new RSS tool for a Web-based system: RSS_PROYECT. <i>Journal of Network and Computer Applications</i> , 2013 , 36, 255-261	7.9	2
208	Improving energy-efficiency of HFC networks with a master-slave linecard configuration 2013 ,		2
207	WWW@VDTN - A Web browsing application for Vehicular Delay-Tolerant Networks 2011 ,		2
206	Autonomic and Pervasive Networking 2011 , 219-236		2
205	Standards and Implementation of Pervasive Computing Applications 2011 , 135-158		2
204	An Enhanced MPR-Based Solution for Flooding of Broadcast Messages in OLSR Wireless ad hoc Networks. <i>Mobile Information Systems</i> , 2010 , 6, 249-257	1.4	2
203	Enhanced just-in-time plus protocol for optical burst switching networks. <i>Optical Engineering</i> , 2010 , 49, 075001	1.1	2
202	A cross-layer sleep and rate adaptation mechanism for slotted ALOHA wireless sensor networks 2010 ,		2
201	Performance Assessment of Aggregation and De-Aggregation Algorithms for Vehicular Delay-Tolerant Networks 2011 ,		2
200	A Decentralized RFID Authentication Solution for Embedded Systems 2009 ,		2
199	The Effect of Bundle Aggregation on the Performance of Vehicular Delay-Tolerant Networks 2011 ,		2
198	Design and construction of a wireless sensor and actuator network gateway based on 6LoWPAN 2011 ,		2



197	2012,		2
196	Performance evaluation of cooperation mechanisms for m-health applications 2012,		2
195	MP-Collaborator: A Mobile Collaboration Tool in Pervasive Environment 2009,		2
194	Performance Assessment of Enhanced Just-in-Time Protocol in OBS Networks Taking into Account Control Packet Processing and Optical Switch Configuration Times 2008,		2
193	Performance Assessment of Signaling Protocols with One-Way Reservation Schemes for Optical Burst Switching Networks. <i>Lecture Notes in Computer Science</i> , 2004 , 821-831	0.9	2
192	Visualization and performance analysis on 5G network slicing for drones 2020,		2
191	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
190	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
189	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
188	A Proposed IoT Smart Trap using Computer Vision for Sustainable Pest Control in Coffee Culture		2
187	A Game Theoretical Pricing Scheme for Vehicles in Vehicular Edge Computing 2020,		2
186	Stationary Relay Nodes Deployment on Vehicular Opportunistic Networks 2011,		2
185	Modelization of Temporal Mechanisms for Sensors Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012 , 111-122	0.2	2
184	System Design and Data Fusion in Body Sensor Networks. <i>Advances in Healthcare Information Systems and Administration Book Series</i> , 2012 , 1-25	0.3	2
183	Fuzzy Logic-Based Novel Hybrid Fuel Framework for Modern Vehicles. <i>IEEE Access</i> , 2020 , 8, 160596-160606	0.6	2
182	Internet of Medical Things : Remote diagnosis and monitoring application for diabetics 2020,		2
181	Green Cooperative Communication Based Cognitive Radio Sensor Networks for IoT Applications 2020,		2
180	Multi-Channel Lightweight Convolutional Neural Network for Remote Myocardial Infarction Monitoring 2020,		2

179	Data Augmentation for Internet of Things Dialog System. <i>Mobile Networks and Applications</i> , 2020 , 1	2.9	2
178	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
177	Task Offloading and Caching for Mobile Edge Computing 2021 ,		2
176	Reinforcement learning-based fuzzy geocast routing protocol for opportunistic networks. <i>Internet of Things (Netherlands)</i> , 2021 , 14, 100384	6.9	2
175	Formal verification and complexity analysis of confidentiality aware textual clinical documents framework. <i>International Journal of Intelligent Systems</i> ,	8.4	2
174	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
173	Power Control Scheme for Underlay Approach in Cognitive Radio Networks 2016 ,		2
172	Performance Evaluation of an Ambient Intelligence Testbed for Improving Quality of Life: Evaluation Using Clustering Approach 2016 ,		2
171	Crescendo 2016 ,		2
170	Investigating the Importance of Psychological and Environmental Factors for Improving Learner's Performance Using Hidden Markov Model. <i>IEEE Access</i> , 2019 , 7, 21559-21571	3.5	2
169	An Efficient Scheme for Path Planning in Internet of Drones 2019 ,		2
168	Design and Implementation of a Lightweight Authentication Framework for the Internet of Things (IoT) 2019 ,		2
167	Edge Computing for Offload-Aware Energy Conservation Using M2M Recommendation Mechanisms 2019 ,		2
166	Mobile botnets detection based on machine learning over system calls. <i>International Journal of Security and Networks</i> , 2019 , 14, 103	0.5	2
165	Motor imagery-based neuro-feedback system using neuronal excitation of the active synapses. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2019 , 76, 413	2	2
164	Mimic automata: A novel formal model for mimic computing. <i>Cognitive Systems Research</i> , 2019 , 57, 54-65	4.8	2
163	Misty clouds: A layered cloud platform for online user anonymity in Social Internet of Things. <i>Future Generation Computer Systems</i> , 2019 , 92, 812-820	7.5	2
162	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

161	IEEE Access Special Section Editorial: Green Communications and Networking for 5G. <i>IEEE Access</i> , 2018 , 6, 79263-79271	3.5	2
160	An IoT Automated Curtain System for Smart Homes 2018 ,		2
159	IoT 5G-UDN Protocols: Practical Model and Evaluation 2018 ,		2
158	Blockchain-Based Security Enhancement and Spectrum Sensing in Cognitive Radio Network. <i>Wireless Personal Communications</i> , ¹	1.9	2
157	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
156	Cognitive Smart Plugs for Signature Identification of Residential Home Appliance Load using Machine Learning: From Theory to Practice 2019 ,		1
155	2019 ,		1
154	A Reliable Firefly-Based Routing Protocol for Efficient Communication in Vehicular Ad Hoc Networks. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2019 , 129-141	0.4	1
153	Analysis of controlling methods for femtosecond pulse sequence with terahertz repetition rate. <i>Applied Physics B: Lasers and Optics</i> , 2019 , 125, 1	1.9	1
152	Accurate invariant pattern recognition for perspective camera model 2015 ,		1
151	Monitoring industrial facilities using principles of integration of fiber classifier and local sensor networks 2015 ,		1
150	Editorial for MONET Special Issue on Networking in 5G Mobile Communications Systems: Key Technologies and Challenges. <i>Mobile Networks and Applications</i> , 2015 , 20, 701-703	2.9	1
149	Network planning and designing 2015 , 33-53		1
148	Performance evaluation of heterogeneous wireless networks considering competing objectives and viewpoints 2015 ,		1
147	Optimal Cloud Broker Method for Cloud Selection in Mobile Inter-cloud Computing 2015 ,		1
146	Proof of Storage for Video Deduplication in the Cloud 2015 ,		1
145	Performance comparison of programming languages for Internet of Things middleware. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e3891	1.9	1
144	Formation of gigahertz pulse train by chirped terahertz pulses interference. <i>Scientific Reports</i> , 2020 , 10, 9463	4.9	1

143	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
142	Energy-Efficiency Maximization with Non-linear Fractional Programming for Intelligent Device-to-Device Communications. <i>Mobile Networks and Applications</i> , 2018 , 23, 308-317	2.9	1
141	Guest Editorial Special Issue on Multimedia Services Provision Over Future Mobile Computing Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 12-15	4.3	1
140	MoM - a real time monitoring and management tool to improve the performance of Vehicular Delay Tolerant Networks 2016 ,		1
139	An embedded access control system for restricted areas in smart buildings 2016 ,		1
138	Introducing Network Multi-Tenancy for Cloud-Based Enterprise Resource Planning: An IoT Application 2018 ,		1
137	Guest Editorial on Vehicular Networking Protocols. <i>Journal of Network and Computer Applications</i> , 2013 , 36, 959-960	7.9	1
136	An ant-swarm inspired dynamic multiresolution data dissemination protocol for wireless sensor networks. <i>Journal of Supercomputing</i> , 2013 , 65, 524-542	2.5	1
135	Electromagnetic characterization of SNR variation in passive Gen2 RFID system 2017 ,		1
134	Security analysis of a mHealth app in Android: Problems and solutions 2017 ,		1
133	A Location Prediction Based Data Gathering Protocol for Wireless Sensor Networks Using a Mobile Sink. <i>Lecture Notes in Computer Science</i> , 2015 , 152-164	0.9	1
132	Human Readable Scenario Specification for Automated Creation of Simulations on CloudSim. <i>Lecture Notes in Computer Science</i> , 2014 , 345-356	0.9	1
131	Fault Tolerant Mechanism for Multimedia Flows in Wireless Ad Hoc Networks Based on Fast Switching Paths. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-12	1.1	1
130	Uplink dynamic resource sharing of underlying D2D and cellular communications 2014 ,		1
129	A schedule-based medium access control protocol for mobile wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2014 , 14, 629-643	1.9	1
128	MR-Chord: A scheme for enhancing Chord lookup accuracy and performance in mobile P2P network 2012 ,		1
127	An Android Multimedia Framework Based on Gstreamer. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012 , 51-62	0.2	1
126	A Priority Based Differentiation for Contention Mechanism in Legacy DCF Method 2013 ,		1

125	Tools and Techniques for Dynamic Reconfiguration and Interoperability of Pervasive Systems 2011 , 09-26		1
124	Pervasive Learning Tools and Technologies 2011 , 37-50		1
123	An Opportunistic Pervasive Networking Paradigm: Multi-Hop Cognitive Radio Networks 2011 , 101-112		1
122	Wearable Computing and Sensor Systems for Healthcare 2011 , 113-133		1
121	IPTV service based on a content-zapping paradigm. <i>Multimedia Systems</i> , 2011 , 17, 351-364	2.2	1
120	Wireless body sensor design for intra-vaginal temperature monitoring 2010 ,		1
119	User-Centric Plug-And-Play Functionality for IPv6-Enabled Wireless Sensor Networks 2010 ,		1
118	Distortion-Delay Tradeoff in Real-Time Wireless Video Scheduling 2010 ,		1
117	Security-aware multimedia scheduling over heterogeneous wireless networks 2010 ,		1
116	Inter-Domain Traffic Routing in Vehicular Delay Tolerant Networks 2010 ,		1
115	Implementation of Location-Aware M-Learning System 2010 ,		1
114	Message Security in Multi-Path Ad Hoc Networks Using a Neural Network-Based Cipher 2011 ,		1
113	Multi-Path Trust-Based Secure AOMDV Routing in Ad Hoc Networks 2011 ,		1
112	HOTP-Based User Authentication Scheme in Home Networks. <i>Lecture Notes in Computer Science</i> , 2009 , 672-681	0.9	1
111	Sleep scheduling towards geographic routing in duty-cycled sensor networks 2011 ,		1
110	Lifetime Analysis of a Slotted ALOHA-Based Wireless Sensor Network Using a Cross-Layer Frame Rate Adaptation Scheme 2011 ,		1
109	Distributed Transactions on Mobile Systems: Performance Evaluation Using SWN 2011 ,		1
108	Energy-efficient scheduling and energy-delay tradeoff in green hybrid fiber-coaxial networks 2012 ,		1

107	Survivability in Existing ATM-Based Mesh Networks 2009 ,		1
106	G-JSIM  GUI tool for Wireless Sensor Networks simulations under J-SIM 2008 ,		1
105	Performance implications of control packet processing and optical switch configuration times for optical burst switched mesh networks with degree-four topologies		1
104	The role of network topologies in the optical core of IP-over-WDM networks with static wavelength routing		1
103	The role of nodal degree in the optical core of IP-over-WDM networks		1
102	Towards Web-Based Information and Knowledge Management in Higher Education Institutions. <i>Lecture Notes in Computer Science</i> , 2003 , 188-197	0.9	1
101	High performance optical backbones for next generation Internet		1
100	V2X Communication based Dynamic Topology Control in VANETs 2021 ,		1
99	An IoT-Based Solution for Smart Parking. <i>Lecture Notes in Networks and Systems</i> , 2020 , 213-224	0.5	1
98	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
97	QoE Measurements and Analysis for VoIP Services. <i>Advances in Multimedia and Interactive Technologies Book Series</i> , 2016 , 285-308	0.2	1
96	Artificial Neural Networks to Solve the Singular Model with Neumann-Robin, Dirichlet and Neumann Boundary Conditions. <i>Sensors</i> , 2021 , 21,	3.8	1
95	Performance Implications of Nodal Degree for Optical Burst Switching Mesh Networks Using Signaling Protocols with One-Way Reservation Schemes. <i>Lecture Notes in Computer Science</i> , 2005 , 352-361	0.9	1
94	Object-Oriented Modeling and Simulation of Optical Burst Switched Mesh Networks 2008 , 99-118		1
93	A Robust Method for Indoor Localization Using Wi-Fi and SURF Based Image Fingerprint Registration. <i>Lecture Notes in Computer Science</i> , 2014 , 346-359	0.9	1
92	mULCER  Mobile Ulcer Care Record Approach for Integrative Care. <i>Communications in Computer and Information Science</i> , 2011 , 392-401	0.3	1
91	IEEE Access Special Section Editorial: Energy Management in Buildings. <i>IEEE Access</i> , 2020 , 8, 1453-1457	3.5	1
90	Smart User Pairing for Massive MIMO Enabled Industrial IoT Communications 2020 ,		1

89	SDN-chain: Privacy-preserving protocol for software defined networks using blockchain. <i>Security and Privacy</i> , 2021 , 4, e178	1.8	1
88	A Centrality-Based History Prediction Routing Protocol for Opportunistic Networks 2016 ,		1
87	Co-tier downlink interference management in dense femtocell networks. <i>International Journal of Communication Systems</i> , 2016 , 29, 2534-2541	1.7	1
86	A Mobile Health System to Empower Healthcare Services in Remote Regions 2019 ,		1
85	Understanding Multi-Path Routing Algorithms in Datacenter Networks 2019 ,		1
84	Detecting air-gapped attacks using machine learning. <i>Cognitive Systems Research</i> , 2019 , 57, 92-100	4.8	1
83	Classification Methods Applied to Credit Scoring With Collateral. <i>IEEE Systems Journal</i> , 2020 , 14, 4557-4566	4.9	1
82	Decision support system on credit operation using linear and logistic regression. <i>Expert Systems</i> , 2021 , 38, e12578	2.1	1
81	Energy-Efficient Fuzzy Geocast Routing Protocol for Opportunistic Networks. <i>Lecture Notes in Networks and Systems</i> , 2021 , 553-565	0.5	1
80	A Blockchain Framework in Post-Quantum Decentralization. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	1
79	MADP-IIME: malware attack detection protocol in IoT-enabled industrial multimedia environment using machine learning approach. <i>Multimedia Systems</i> ,1	2.2	1
78	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
77	An introduction to delay and disruption tolerant networks (DTNs) 2021 , 1-20		1
76	Performance Evaluation of IoT Middleware through Multicriteria Decision-Making 2018 ,		1
75	An IoT-Based Smart Solution for Preventing Domestic CO and LPG Gas Accidents 2018 ,		1
74	Railways Networks - Challenges for IoT Underground Wireless Communications 2018 ,		1
73	Implications of the regulation in the implantation process of next generation networks in Spain: analysis in rural versus urban regions. <i>Telecommunication Systems</i> , 2018 , 69, 39-50	2.3	1
72	Lightweight and Efficient Dynamic Cluster Head Election Routing Protocol for Wireless Sensor Networks. <i>Sensors</i> , 2021 , 21,	3.8	1

71	OLPA RESTful Open Low-Code Platform. <i>Future Internet</i> , 2021 , 13, 249	3.3	1
70	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
69	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
68	A novel sample and feature dependent ensemble approach for Parkinson's disease detection. <i>Neural Computing and Applications</i> ,1	4.8	1
67	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	4.4	1
66	Caching Assisted Correlated Task Offloading for IoT Devices in Mobile Edge Computing 2021 ,		1
65	Digital Twin-enabled IoMT System for Surgical Simulation using rAC-GAN. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	1
64	Multilayer Perceptron Application for Diabetes Mellitus Prediction in Pregnancy Care. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 200-209	0.2	0
63	Foreword to special issue on wireless ad hoc, sensor and mesh networks. <i>Telecommunication Systems</i> , 2010 , 44, 1-2	2.3	0
62	An integrated approach: using knowledge graph and network analysis for harnessing digital advertisement. <i>Multimedia Tools and Applications</i> ,1	2.5	0
61	Interchanging Cloud Providers Instances Through Ubiquitous Devices 2014 , 49-56		0
60	Performance Evaluation of MPTCP Incast Based on Queuing Network. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1	4	0
59	A Queueing-Based Model Performance Evaluation for Internet of People Supported by Fog Computing. <i>Future Internet</i> , 2022 , 14, 23	3.3	0
58	EduTutor 2012 , 49-63		0
57	IEEE Access Special Section Editorial: Collaboration for Internet of Things. <i>IEEE Access</i> , 2020 , 8, 160329-160337	3.0	0
56	Environment friendly green data broadcasting in delay-tolerant opportunistic networks 2021 , 135-157		0
55	Minimizing delay in content-centric networks using heuristics-based in-network caching. <i>Cluster Computing</i> ,1	2.1	0
54	Distributed Intelligence Over Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	0

53	DCGCR: Dynamic Clustering Green Communication Routing for Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-9	6.1	o
52	ASCP-IoMT: AI-Enabled Lightweight Secure Communication Protocol for Internet of Medical Things. <i>IEEE Access</i> , 2022 , 1-1	3.5	o
51	A Fault-Tolerant and Secure Architecture for Key Management in LoRaWAN based on Permissioned Blockchain. <i>IEEE Access</i> , 2022 , 1-1	3.5	o
50	A novel remote optical coding for PON monitoring systems using fiber bragg grating. <i>Telecommunication Systems</i> , 2018 , 69, 27-37	2.3	
49	Guest Editorial Special Issue on Internet of Things Over LTE/LTE-A Network: Theory, Methods, and Case Studies. <i>IEEE Internet of Things Journal</i> , 2016 , 3, 314-317	10.7	
48	Foreword by Guest Editors for the Selected Papers from 2014 ICUFN (International Conference on Ubiquitous and Future Networks). <i>Wireless Personal Communications</i> , 2016 , 86, 1731-1734	1.9	
47	Foreword by Guest Editors for the Special Issue on the 2013 ICUFN Conference. <i>Wireless Personal Communications</i> , 2014 , 78, 1827-1831	1.9	
46	Towards a cooperative security system for mobile-health applications. <i>Electronic Commerce Research</i> , 2014 , 19, 629	2.1	
45	EOBDBR: an Efficient Optimum Branching-Based Distributed Broadcast Routing protocol for wireless ad hoc networks. <i>Telecommunication Systems</i> , 2011 , 52, 497	2.3	
44	An Adaptive Architecture of Service Component for Pervasive Computing 2011 , 237-248		
43	On Probabilistic k-Coverage in Pervasive Wireless Sensor Networks 2011 , 249-262		
42	On the Usage of Overlays to Provide QoS Over IEEE 802.11b/g/e Pervasive and Mobile Networks 2011 , 263-277		
41	Implementation Frameworks for Mobile and Pervasive Networks 2011 , 301-318		
40	Wireless Sensor Cooperation for a Sustainable Quality of Information 2011 , 71-100		
39	Understanding Wormhole Attacks in Pervasive Networks 2011 , 175-187		
38	An Experimental Comparison of Collaborative Defense Strategies for Network Security 2011 , 189-202		
37	Smart Devices, Systems and Intelligent Environments 2011 , 203-217		
36	Service Management in Pervasive Computing Environments 2011 , 51-70		

- 35 Models for Service and Resource Discovery in Pervasive Computing **2011**, 27-36
- 34 Performance Evaluation of Pervasive Networks based on WiMAX Networks **2011**, 279-299
- 33 Performance Evaluation of Fuzzy-Based Routing Protocols for Opportunistic Networks. *Lecture Notes on Data Engineering and Communications Technologies*, **2022**, 61-77 0.4
- 32 Performance Evaluation of an IoT Edge-Based Computer Vision Scheme for Agglomerations Detection Covid-19 Scenarios. *Lecture Notes in Networks and Systems*, **2022**, 1-12 0.5
- 31 An Advanced and Secure Symbian-Based Mobile Approach for Body Sensor Networks Interaction 33-48
- 30 RNST230-257
- 29 A hybrid algorithm for load curve filtering and clustering. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, 1-17 1.6
- 28 HYBRID FUZZY SYSTEM APPLIED TO PRIORITIZING THE CONSTRUCTION OF NEW FEEDERS IN POWER DISTRIBUTION NETWORKS. *Energy Sources, Part A: Recovery, Utilization and Environmental Effects*, 1-18 1.6
- 27 Special Issue on "Toward Intelligent Internet of Medical Things and its COVID-19 Applications and Beyond" *IEEE Internet of Things Journal*, **2021**, 8, 15649-15651 10.7
- 26 Performance Analysis of Degree Four Topologies for the Optical Core of IP-over-WDM Networks. *Lecture Notes in Computer Science*, **2003**, 108-117 0.9
- 25 Performance Assessment of Optical Burst Switched Degree-Four Chordal Ring Networks. *Lecture Notes in Computer Science*, **2004**, 760-765 0.9
- 24 Optical Burst Switching **2005**, 799-806
- 23 Mobile Cloud Computing **2015**, 249-265
- 22 Optical Burst Switch as a New Switching Paradigm for High-Speed Internet **2009**, 1122-1129
- 21 Power Reduction in WDM Mesh Networks Using Grooming Strategies. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2012**, 99-113 0.2
- 20 An Advanced and Secure Symbian-Based Mobile Approach for Body Sensor Networks Interaction **2012**, 1061-1077
- 19 A Mobile Learning Content-independent Versatile Ubiquitous System (CiVUS) **2012**, 21-36
- 18 Recent Advances in Intelligent Tutoring Systems. *Advances in Educational Marketing, Administration, and Leadership Book Series*, **2013**, 631-647 0.1

17	Mobile Cloud Computing. <i>Advances in Wireless Technologies and Telecommunication Book Series</i> , 2014 , 1-17	0.2
16	Performance Analysis of Aggregation Algorithms for Vehicular Delay-Tolerant Networks. <i>Lecture Notes in Computer Science</i> , 2014 , 419-431	0.9
15	Computational intelligence paradigm for job shop scheduling and routing in an uncertain environment. <i>Cyber-Physical Systems</i> , 1-22	1.1
14	Performance evaluation of Wi-Fi and WiMAX over OFDM physical layer. <i>International Journal of Communication Systems</i> , 2019 , 32, e3871	1.7
13	Pareto set based optimized routing in opportunistic network. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 11, 777-797	3.7
12	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
11	Vehicular delay-tolerant networks 2021 , 59-78	
10	Secure and Authenticated Data Access and Sharing Model for Smart Wearable Systems. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7
9	On the target channel sequence selection for multiple handoffs in cognitive radio-based wireless regional area networks. <i>International Journal of Space-Based and Situated Computing</i> , 2018 , 8, 214	0.3
8	Protecting image privacy through adversarial perturbation. <i>Multimedia Tools and Applications</i> , 1	2.5
7	Evaluation of HMIPv6 Algorithm in 5G Mmwave Single and Dual Connectivity Handover Network. <i>IEEE Systems Journal</i> , 2021 , 1-7	4.3
6	Geocommunity Based Data Forwarding in Social Delay Tolerant Networks. <i>Lecture Notes in Networks and Systems</i> , 2022 , 421-442	0.5
5	Collaborative Virtual Environments and Multimedia Communication Technologies in Healthcare 903-912	
4	Security and Privacy Threats in IoT-Enabled Smart Cities. <i>Internet of Things</i> , 2022 , 277-300	1.3
3	Energy Harvesting for Sustainability. <i>Internet of Things</i> , 2022 , 245-258	1.3
2	ICN Based Efficient Content Caching Scheme for Vehicular Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-9	6.1
1	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