

Jaime Lloret

List of Publications by Year in Descending Order

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

520
papers

8,124
citations

43
h-index

69
g-index

593
ext. papers

10,434
ext. citations

3.3
avg, IF

6.94
L-index

#	Paper	IF	Citations
520	Support Vector Regression for Mobile Target Localization in Indoor Environments.. <i>Sensors</i> , 2022 , 22,	3.8	3
519	Complexity Problems Handled by Advanced Computer Simulation Technology in Smart Cities 2021. <i>Complexity</i> , 2022 , 2022, 1-3	1.6	
518	Low-Cost Sensor to Detect the Blood in Urine. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 1011-1020	1.6	1
517	The Usefulness of Drone Imagery and Remote Sensing Methods for Monitoring Turfgrass Irrigation. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 913-923	0.4	
516	Unsupervised online anomaly detection in Software Defined Network environments. <i>Expert Systems With Applications</i> , 2022 , 191, 116225	7.8	0
515	Big Data Classification and Internet of Things in Healthcare 2022 , 1458-1476		
514	DADC: A Novel Duty-cycling Scheme for IEEE 802.15.4 Cluster-tree-based IoT Applications. <i>ACM Transactions on Internet Technology</i> , 2022 , 22, 1-26	3.8	
513	KF-Based Target L&T Using RSSI. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 97-131	1.6	
512	Survey of Existing RSSI-Based L&T Systems. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 49-64	0.6	1
511	Fundamentals of Wireless Sensor Networks. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 1-19	0.6	2
510	Target Localization and Tracking Using WSN. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 21-48	0.6	
509	Trilateration-Based Target L&T Using RSSI. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 65-96	0.6	0
508	GRNN-Based Target L&T Using RSSI. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 133-170	0.6	1
507	Supervised Learning Architecture-Based L&T Using RSSI. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 , 171-202	0.6	
506	Received Signal Strength Based Target Localization and Tracking Using Wireless Sensor Networks. <i>EAI/Springer Innovations in Communication and Computing</i> , 2022 ,	0.6	9
505	SWAP: Smart WAtEr Protocol for the irrigation of urban gardens in Smart Cities. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
504	Device-to-Device (D2D) Multi-Criteria Learning Algorithm Using Secured Sensors.. <i>Sensors</i> , 2022 , 22,	3.8	2

503	Towards Resilient and Secure Cooperative Behavior of Intelligent Transportation System Using Sensor Technologies. <i>IEEE Sensors Journal</i> , 2022 , 22, 7352-7360	4	3
502	Remote sensing devices as key methods in the advanced turfgrass phenotyping under different water regimes. <i>Agricultural Water Management</i> , 2022 , 266, 107581	5.9	1
501	Methodology to Differentiate Legume Species in Intercropping Agroecosystems Based on UAV with RGB Camera. <i>Electronics (Switzerland)</i> , 2022 , 11, 609	2.6	0
500	Video Streaming Adaptive QoS Routing with Resource Reservation (VQoSRR) Model for SDN Networks. <i>Electronics (Switzerland)</i> , 2022 , 11, 1252	2.6	1
499	Optimized Embedded Healthcare Industry Model with Lightweight Computing Using Wireless Body Area Network. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-10	1.9	0
498	Green Communication in Internet of Things: A Hybrid Bio-Inspired Intelligent Approach. <i>Sensors</i> , 2022 , 22, 3910	3.8	0
497	Editorial Augmented Reality for Bioinformatics. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022 , 26, 2403-2404	7.2	
496	The Role of Artificial Intelligence in Diabetes Management. <i>Springer Series on Bio- and Neurosystems</i> , 2022 , 243-257	0.5	
495	Analytical models for randomized neighbor discovery protocols based on collision detection in wireless ad hoc networks. <i>Ad Hoc Networks</i> , 2021 , 126, 102739	4.8	1
494	Improved trilateration for indoor localization: Neural network and centroid-based approach. <i>International Journal of Distributed Sensor Networks</i> , 2021 , 17, 155014772110539	1.7	0
493	Cluster-Based Communication Protocol and Architecture for a Wastewater Purification System Intended for Irrigation. <i>IEEE Access</i> , 2021 , 9, 142374-142389	3.5	3
492	A WiFi-Based Sensor Network for Flood Irrigation Control in Agriculture. <i>Electronics (Switzerland)</i> , 2021 , 10, 2454	2.6	2
491	Reliable Bidirectional Data Transfer Approach for the Internet of Secured Medical Things Using ZigBee Wireless Network. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9947	2.6	1
490	Energy-Efficient IoT e-Health Using Artificial Intelligence Model with Homomorphic Secret Sharing. <i>Energies</i> , 2021 , 14, 6414	3.1	2
489	A Wireless Sensor Network Deployment for Soil Moisture Monitoring in Precision Agriculture. <i>Sensors</i> , 2021 , 21,	3.8	8
488	An Optimization Model with Network Edges for Multimedia Sensors Using Artificial Intelligence of Things. <i>Sensors</i> , 2021 , 21,	3.8	2
487	Towards Green Computing Oriented Security: A Lightweight Postquantum Signature for IoE. <i>Sensors</i> , 2021 , 21,	3.8	5
486	Deployment Strategies of Soil Monitoring WSN for Precision Agriculture Irrigation Scheduling in Rural Areas. <i>Sensors</i> , 2021 , 21,	3.8	21

485	A Low-Cost Sensor for Detecting Illicit Discharge in Sewerage. <i>Journal of Sensors</i> , 2021 , 2021, 1-16	2	2
484	A Rhizogenic Biostimulant Effect on Soil Fertility and Roots Growth of Turfgrass. <i>Agronomy</i> , 2021 , 11, 573	3.6	6
483	Randomized neighbor discovery protocols with collision detection for static multi-hop wireless ad hoc networks. <i>Telecommunication Systems</i> , 2021 , 77, 577-596	2.3	1
482	A GRU deep learning system against attacks in software defined networks. <i>Journal of Network and Computer Applications</i> , 2021 , 177, 102942	7.9	21
481	Real-time image processing for augmented reality on mobile devices. <i>Journal of Real-Time Image Processing</i> , 2021 , 18, 245-248	1.9	3
480	MASEMUL: A Simulation Tool for Movement-Aware MANET Scheduling Strategies for Multimedia Communications. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-12	1.9	4
479	New Protocol and Architecture for a Wastewater Treatment System Intended for Irrigation. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3648	2.6	1
478	Secured Big Data Analytics for Decision-Oriented Medical System Using Internet of Things. <i>Electronics (Switzerland)</i> , 2021 , 10, 1273	2.6	10
477	An automated model for the assessment of QoE of adaptive video streaming over wireless networks. <i>Multimedia Tools and Applications</i> , 2021 , 80, 26833-26854	2.5	4
476	Guest Editorial Software Defined Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3504-3510	6.1	1
475	Grouping and Sponsoring Centric Green Coverage Model for Internet of Things. <i>Sensors</i> , 2021 , 21,	3.8	2
474	. <i>IEEE Wireless Communications</i> , 2021 , 28, 36-43	13.4	9
473	Deep Learning for Safe Autonomous Driving: Current Challenges and Future Directions. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4316-4336	6.1	34
472	A Spontaneous Wireless Ad Hoc Trusted Neighbor Network Creation Protocol. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-20	1.9	1
471	NCHR: A Nonthreshold-Based Cluster-Head Rotation Scheme for IEEE 802.15.4 Cluster-Tree Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 168-178	10.7	7
470	CROSA: Context-aware cloud service ranking approach using online reviews based on sentiment analysis. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, 1-1	1.4	3
469	A comprehensive survey of multi-view video summarization. <i>Pattern Recognition</i> , 2021 , 109, 107567	7.7	25
468	An Efficient Deep Learning Framework for Intelligent Energy Management in IoT Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3170-3179	10.7	30

467	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2956-2963	11.9	11
466	IoT-networks group-based model that uses AI for workgroup allocation. <i>Computer Networks</i> , 2021 , 186, 107745	5.4	2
465	. <i>IEEE Network</i> , 2021 , 35, 296-303	11.4	14
464	. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1946-1956	14.2	9
463	Secrecy Rate Maximization in Virtual-MIMO Enabled SWIPT for 5G Centric IoT Applications. <i>IEEE Systems Journal</i> , 2021 , 15, 2810-2821	4.3	6
462	A deep multimodal system for provenance filtering with universal forgery detection and localization. <i>Multimedia Tools and Applications</i> , 2021 , 80, 17025-17044	2.5	1
461	IEEE Access Special Section Editorial: Toward Service-Centric Internet of Things (IoT): From Modeling to Practice. <i>IEEE Access</i> , 2021 , 9, 91259-91264	3.5	
460	A Repository of Method Fragments for Agent-Oriented Development of Learning-Based Edge Computing Systems. <i>IEEE Network</i> , 2021 , 35, 156-162	11.4	5
459	A QoE adaptive management system for high definition video streaming over wireless networks. <i>Telecommunication Systems</i> , 2021 , 77, 63-81	2.3	8
458	A Beacon and GTS Scheduling Scheme for IEEE 802.15.4 DSME Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	0
457	An IoT Based diabetic patient Monitoring System Using Machine Learning and Node MCU. <i>Journal of Physics: Conference Series</i> , 2021 , 1743, 012035	0.3	6
456	Wireless Sensor Network to Create a Water Quality Observatory in Coastal Areas. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 100-118	0.2	0
455	An Asynchronous Leader-Based Neighbor Discovery Protocol in Static Wireless Ad Hoc Networks. <i>Lecture Notes in Networks and Systems</i> , 2021 , 145-161	0.5	
454	A Joint Filter and Spectrum Shifting Architecture for Low Complexity Flexible UFMC in 5G. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	0
453	Correlation of NDVI with RGB Data to Evaluate the Effects of Solar Exposure on Different Combinations of Ornamental Grass Used in Lawns. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 207-220	0.2	
452	A Proposal for Monitoring Grass Coverage in Citrus Crops Applying Time Series Analysis in Sentinel-2 Bands. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 193-206	0.2	
451	Evaluating the Effects of Environmental Conditions on Sensed Parameters for Green Areas Monitoring and Smart Irrigation Systems. <i>Sensors</i> , 2021 , 21,	3.8	1
450	Incorrect Facemask-Wearing Detection Using Convolutional Neural Networks with Transfer Learning. <i>Healthcare (Switzerland)</i> , 2021 , 9,	3.4	5

449	Mobility Support 5G Architecture with Real-Time Routing for Sustainable Smart Cities. <i>Sustainability</i> , 2021 , 13, 9092	3.6	6
448	Efficient data uncertainty management for health industrial internet of things using machine learning. <i>International Journal of Communication Systems</i> , 2021 , 34, e4948	1.7	4
447	Drone RGB Images as a Reliable Information Source to Determine Legumes Establishment Success. <i>Drones</i> , 2021 , 5, 79	5.4	3
446	A Machine Learning SDN-Enabled Big Data Model for IoMT Systems. <i>Electronics (Switzerland)</i> , 2021 , 10, 2228	2.6	5
445	Design and Calibration of Moisture Sensor Based on Electromagnetic Field Measurement for Irrigation Monitoring. <i>Chemosensors</i> , 2021 , 9, 251	4	2
444	A QoS-Based routing algorithm over software defined networks. <i>Journal of Network and Computer Applications</i> , 2021 , 194, 103215	7.9	3
443	Adversarial Deep Learning approach detection and defense against DDoS attacks in SDN environments. <i>Future Generation Computer Systems</i> , 2021 , 125, 156-167	7.5	13
442	The Combined Use of Remote Sensing and Wireless Sensor Network to Estimate Soil Moisture in Golf Course. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11769	2.6	1
441	Green Communication for Underwater Wireless Sensor Networks: Triangle Metric Based Multi-Layered Routing Protocol. <i>Sensors</i> , 2020 , 20,	3.8	4
440	Lora-Based System for Tracking Runners in Cross-Country Races. <i>Proceedings (mdpi)</i> , 2020 , 42, 32	0.3	
439	DronAway: A Proposal on the Use of Remote Sensing Drones as Mobile Gateway for WSN in Precision Agriculture. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6668	2.6	7
438	Toward Energy-Oriented Optimization for Green Communication in Sensor Enabled IoT Environments. <i>IEEE Systems Journal</i> , 2020 , 14, 4663-4673	4.3	20
437	Revenue Maximization in Delay-Aware Computation Offloading Among Service Providers With Fog Federation. <i>IEEE Communications Letters</i> , 2020 , 24, 1799-1803	3.8	8
436	A Smart Glucose Monitoring System for Diabetic Patient. <i>Electronics (Switzerland)</i> , 2020 , 9, 678	2.6	15
435	Internet of Unmanned Aerial Vehicles: QoS Provisioning in Aerial Ad-Hoc Networks. <i>Sensors</i> , 2020 , 20,	3.8	15
434	Green Computing in Underwater Wireless Sensor Networks Pressure Centric Energy Modeling. <i>IEEE Systems Journal</i> , 2020 , 14, 4735-4745	4.3	21
433	Drone assisted Flying Ad-Hoc Networks: Mobility and Service oriented modeling using Neuro-fuzzy. <i>Ad Hoc Networks</i> , 2020 , 106, 102242	4.8	18
432	A Performance-to-Cost Analysis of IEEE 802.15.4 MAC With 802.15.4e MAC Modes. <i>IEEE Access</i> , 2020 , 8, 41936-41950	3.5	17

431	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
430	Defenses Against Perception-Layer Attacks on IoT Smart Furniture for Impaired People. <i>IEEE Access</i> , 2020 , 8, 119795-119805	3.5	11
429	FIPA-based reference architecture for efficient discovery and selection of appropriate cloud service using cloud ontology. <i>International Journal of Communication Systems</i> , 2020 , 33, e4504	1.7	2
428	A Hardware-Efficient and Reconfigurable UFMC Transmitter Architecture With its FPGA Prototype. <i>IEEE Embedded Systems Letters</i> , 2020 , 12, 109-112	1	1
427	Optimized Cluster-Based Dynamic Energy-Aware Routing Protocol for Wireless Sensor Networks in Agriculture Precision. <i>Journal of Sensors</i> , 2020 , 2020, 1-19	2	35
426	IoT-Based Smart Irrigation Systems: An Overview on the Recent Trends on Sensors and IoT Systems for Irrigation in Precision Agriculture. <i>Sensors</i> , 2020 , 20,	3.8	129
425	Self-Assessment Based Clustering Data Dissemination for Sparse and Dense Traffic Conditions for Internet of Vehicles. <i>IEEE Access</i> , 2020 , 8, 10363-10372	3.5	24
424	Smart Green Communication Protocols Based on Several-Fold Messages Extracted from Common Sequential Patterns in UAVs. <i>IEEE Network</i> , 2020 , 34, 249-255	11.4	2
423	LoRaWAN Network for Fire Monitoring in Rural Environments. <i>Electronics (Switzerland)</i> , 2020 , 9, 531	2.6	25
422	Low-Rank Hypergraph Hashing for Large-Scale Remote Sensing Image Retrieval. <i>Remote Sensing</i> , 2020 , 12, 1164	5	5
421	Exploiting Multi-Verse Optimization and Sine-Cosine Algorithms for Energy Management in Smart Cities. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2095	2.6	10
420	RGB Vegetation Indices, NDVI, and Biomass as Indicators to Evaluate C3 and C4 Turfgrass under Different Water Conditions. <i>Sustainability</i> , 2020 , 12, 2160	3.6	11
419	Long Short-Term Memory and Fuzzy Logic for Anomaly Detection and Mitigation in Software-Defined Network Environment. <i>IEEE Access</i> , 2020 , 8, 83765-83781	3.5	23
418	Collision-Aware Deterministic Neighbor Discovery in Static Ad Hoc Wireless Networks 2020 ,		2
417	Editorial RGB-D Sensors and 3D Reconstruction. <i>IEEE Sensors Journal</i> , 2020 , 20, 11751-11752	4	1
416	Unmanned aerial vehicles optimal airtime estimation for energy aware deployment in IoT-enabled fifth generation cellular networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2020 , 2020,	3.2	5
415	WLAN IEEE 802.11b/g/n Coverage Study for Rural Areas 2020 ,		2
414	A New Conductivity Sensor for Monitoring the Fertigation in Smart Irrigation Systems. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 136-144	0.4	0

4 ¹³	Estimation of the Best Measuring Time for the Environmental Parameters of a Low-Cost Meteorology Monitoring System. <i>Lecture Notes in Networks and Systems</i> , 2020 , 137-144	0.5	1
4 ¹²	Sensors and Biosorption for Better Reuse of Wastewater. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 321-330	0.4	
4 ¹¹	TRADING: Traffic Aware Data Offloading for Big Data Enabled Intelligent Transportation System. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 6869-6879	6.8	10
4 ¹⁰	A Novel Low-Cost Conductivity Based Soil Moisture Sensor. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 27-35	0.4	
4 ⁰⁹	The Impact of Mobility Speed over Varying Radio Propagation Models Using Routing Protocol in MANET. <i>Lecture Notes in Networks and Systems</i> , 2020 , 277-288	0.5	1
4 ⁰⁸	Application of Supervised Learning Approach for Target Localization in Wireless Sensor Network. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 493-519	0.4	9
4 ⁰⁷	An Intelligent Algorithm for Resource Sharing and Self-Management of Wireless-IoT-Gateway. <i>IEEE Access</i> , 2020 , 8, 3159-3170	3.5	13
4 ⁰⁶	Mitigation of mutual interference in IEEE 802.15.4-based wireless body sensor networks deployed in e-health monitoring systems. <i>Wireless Networks</i> , 2020 , 26, 2857-2874	2.5	1
4 ⁰⁵	Deadline-Aware Fair Scheduling for Offloaded Tasks in Fog Computing With Inter-Fog Dependency. <i>IEEE Communications Letters</i> , 2020 , 24, 307-311	3.8	25
4 ⁰⁴	On enhancing model-based expectation maximization source separation in dynamic reverberant conditions using automatic Clifton effect. <i>International Journal of Communication Systems</i> , 2020 , 33, e4210	1.7	1
4 ⁰³	A robust multimedia traffic SDN-Based management system using patterns and models of QoE estimation with BRNN. <i>Journal of Network and Computer Applications</i> , 2020 , 150, 102498	7.9	1
4 ⁰²	Big Data Classification and Internet of Things in Healthcare. <i>International Journal of E-Health and Medical Communications</i> , 2020 , 11, 20-37	1.4	9
4 ⁰¹	A Smart Architecture for Diabetic Patient Monitoring Using Machine Learning Algorithms. <i>Healthcare (Switzerland)</i> , 2020 , 8,	3.4	16
4 ⁰⁰	Evaluating Irrigation Efficiency with Performance Indicators: A Case Study of Citrus in the East of Spain. <i>Agronomy</i> , 2020 , 10, 1359	3.6	5
399	An Array-Type System Applied to Complex Surfaces in Nuclear Pollution Detection. <i>Electronics (Switzerland)</i> , 2020 , 9, 1870	2.6	
398	Architecture and Protocol to Optimize Videoconference in Wireless Networks. <i>Wireless Communications and Mobile Computing</i> , 2020 , 2020, 1-22	1.9	
397	Edge detection for weed recognition in lawns. <i>Computers and Electronics in Agriculture</i> , 2020 , 176, 105684	1.5	8
396	New Sensor Based on Magnetic Fields for Monitoring the Concentration of Organic Fertilisers in Fertigation Systems. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7222	2.6	1

395	Close2U: An App for Monitoring Cancer Patients with Enriched Information from Interaction Patterns. <i>Journal of Healthcare Engineering</i> , 2020 , 2020, 3057032	3.7	0
394	. <i>IEEE Network</i> , 2020 , 34, 322-329	11.4	6
393	Improved Road Segment-Based Geographical Routing Protocol for Vehicular Ad-hoc Networks. <i>Electronics (Switzerland)</i> , 2020 , 9, 1248	2.6	2
392	EETP-MAC: energy efficient traffic prioritization for medium access control in wireless body area networks. <i>Telecommunication Systems</i> , 2020 , 75, 181-203	2.3	14
391	ELDC: An Artificial Neural Network Based Energy-Efficient and Robust Routing Scheme for Pollution Monitoring in WSNs. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2020 , 8, 106-114	4.1	34
390	Anomaly Detection in UASN Localization Based on Time Series Analysis and Fuzzy Logic. <i>Mobile Networks and Applications</i> , 2020 , 25, 55-67	2.9	3
389	A Novel Shortcut Addition Algorithm With Particle Swarm for Multisink Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3566-3577	11.9	20
388	Reconfigurable Architecture of UFMC Transmitter for 5G and Its FPGA Prototype. <i>IEEE Systems Journal</i> , 2020 , 14, 28-38	4.3	4
387	Water Conductivity Sensor based on Coils to Detect Illegal Dumpings in Smart Cities 2019 ,		1
386	Synchronization for Diffusion-Based Molecular Communication Systems via Faster Molecules 2019 ,		5
385	Secret sharing-based authentication and key agreement protocol for machine-type communications. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771984100	1.7	1
384	Game Theoretic Solution for Power Management in IoT-Based Wireless Sensor Networks. <i>Sensors</i> , 2019 , 19,	3.8	11
383	Shallow neural network with kernel approximation for prediction problems in highly demanding data networks. <i>Expert Systems With Applications</i> , 2019 , 124, 196-208	7.8	26
382	An Optimized Probabilistic Delay Tolerant Network (DTN) Routing Protocol Based on Scheduling Mechanism for Internet of Things (IoT). <i>Sensors</i> , 2019 , 19,	3.8	32
381	Sensor Network Proposal for Greenhouse Automation placed at the South of Algeria. <i>Network Protocols and Algorithms</i> , 2019 , 10, 53	0.3	3
380	An Energy-Efficient IoT Group-Based Architecture for Smart Cities. <i>Studies in Systems, Decision and Control</i> , 2019 , 111-127	0.8	2
379	Elastic and cost-effective data carrier architecture for smart contract in blockchain. <i>Future Generation Computer Systems</i> , 2019 , 100, 590-599	7.5	30
378	Birthmark based identification of software piracy using Haar wavelet. <i>Mathematics and Computers in Simulation</i> , 2019 , 166, 144-154	3.3	17

377	Robust Image Hashing Based Efficient Authentication for Smart Industrial Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 6541-6550	11.9	20
376	Practical Design of a WSN to Monitor the Crop and its Irrigation System. <i>Network Protocols and Algorithms</i> , 2019 , 10, 35	0.3	5
375	Towards green communication in wireless sensor network: GA enabled distributed zone approach. <i>Ad Hoc Networks</i> , 2019 , 93, 101903	4.8	15
374	A cognitive network management system to improve QoE in stereoscopic IPTV service. <i>International Journal of Communication Systems</i> , 2019 , 32, e3992	1.7	3
373	Adapting reinforcement learning for multimedia transmission on SDN. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3643	1.9	2
372	Spectrum Assignment in Hardware-Constrained Cognitive Radio IoT Networks Under Varying Channel-Quality Conditions. <i>IEEE Access</i> , 2019 , 7, 42816-42825	3.5	14
371	A Smart Decision System for Digital Farming. <i>Agronomy</i> , 2019 , 9, 216	3.6	42
370	Valencia's Cathedral Church Bell Acoustics Impact on the Hearing Abilities of Bell Ringers. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	4
369	Adaptive Resource Allocation for WiMAX Mesh Network. <i>Wireless Personal Communications</i> , 2019 , 107, 849-867	1.9	3
368	A Time-Driven Data Placement Strategy for a Scientific Workflow Combining Edge Computing and Cloud Computing. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4254-4265	11.9	91
367	Complexity Problems Handled by Big Data Technology. <i>Complexity</i> , 2019 , 2019, 1-7	1.6	3
366	Fog computing for assisting and tracking elder patients with neurodegenerative diseases. <i>Peer-to-Peer Networking and Applications</i> , 2019 , 12, 1225-1235	3.1	3
365	Performance Analysis of Quality of Service in Software-Defined Networking. <i>Network Protocols and Algorithms</i> , 2019 , 10, 1	0.3	2
364	Intelligent and Energy-Efficient Data Prioritization in Green Smart Cities: Current Challenges and Future Directions. <i>IEEE Communications Magazine</i> , 2019 , 57, 60-65	9.1	27
363	. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 1718-1730	4.6	14
362	An m-health application for cerebral stroke detection and monitoring using cloud services. <i>International Journal of Information Management</i> , 2019 , 45, 319-327	16.4	23
361	A Decentralized Deadline-Driven Electric Vehicle Charging Recommendation. <i>IEEE Systems Journal</i> , 2019 , 13, 3410-3421	4.3	22
360	Guest Editorial Special Issue on Toward Securing Internet of Connected Vehicles (IoV) From Virtual Vehicle Hijacking. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5866-5869	10.7	1

359	Collaborative LoRa-Based Sensor Network for Pollution Monitoring in Smart Cities 2019 ,		5
358	Special Section on Emerging Trends Issues and Challenges in Edge Artificial Intelligence. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4172-4177	11.9	2
357	Machine Learning Prediction Approach to Enhance Congestion Control in 5G IoT Environment. <i>Electronics (Switzerland)</i> , 2019 , 8, 607	2.6	16
356	LBS: A Beacon Synchronization Scheme With Higher Schedulability for IEEE 802.15.4 Cluster-Tree-Based IoT Applications. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8883-8896	10.7	6
355	SDN-DMM for intelligent mobility management in heterogeneous mobile IP networks. <i>International Journal of Communication Systems</i> , 2019 , 32, e4140	1.7	3
354	Human-Centric AI for Trustworthy IoT Systems With Explainable Multilayer Perceptrons. <i>IEEE Access</i> , 2019 , 7, 125562-125574	3.5	27
353	Smart System for Monitoring Apnea Episodes in Domestic Environments with Sound Sensor. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 205-215	0.4	
352	Low-Cost System for Travel Aid and Obstacles Detection for the Visually Impaired People. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 287-304	0.2	2
351	Towards a cooperative security system for mobile-health applications 2019 , 19, 629		6
350	An IoT Group-Based Protocol for Smart City Interconnection. <i>Communications in Computer and Information Science</i> , 2019 , 164-178	0.3	1
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