

# Muhammad Ali Imran

## 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.

471  
papers

10,898  
citations

54  
h-index

88  
g-index

563  
ext. papers

15,024  
ext. citations

4.7  
avg, IF

7.38  
L-index

#	Paper	IF	Citations
471	Joint Precoding and Pre-equalization for Faster-Than-Nyquist Transmission over Multipath Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	0
470	Performance of Reconfigurable Intelligent Surfaces in the Presence of Generalized Gaussian Noise. <i>IEEE Communications Letters</i> , <b>2022</b> , 1-1	3.8	0
469	Machine learning empowered COVID-19 patient monitoring using non-contact sensing: An extensive review.. <i>Journal of Pharmaceutical Analysis</i> , <b>2022</b> ,	14	3
468	Challenges, Applications and Future of Wireless Sensors in Internet of Things: A Review. <i>IEEE Sensors Journal</i> , <b>2022</b> , 1-1	4	12
467	Formal Modeling and Verification of a Blockchain-Based Crowdsourcing Consensus Protocol. <i>IEEE Access</i> , <b>2022</b> , 10, 8163-8183	3.5	2
466	Monitoring Discrete Activities of Daily Living of Young and Older Adults Using 5.8GHz Frequency Modulated Continuous Wave Radar and ResNet Algorithm. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2022</b> , 28-38	0.2	0
465	An Efficient Network Intrusion Detection and Classification System. <i>Mathematics</i> , <b>2022</b> , 10, 530	2.3	2
464	A cooperative crowdsensing system based on flying and ground vehicles to control respiratory viral disease outbreaks. <i>Ad Hoc Networks</i> , <b>2022</b> , 124, 102699	4.8	2
463	Efficient Channel Equalization and Symbol Detection for MIMO OTFS Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2022</b> , 1-1	9.6	0
462	Context-Aware Wireless Connectivity and Processing Unit Optimization for IoT Networks. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
461	Multi-user Beamforming and Transmission Based on Intelligent Reflecting Surface. <i>IEEE Transactions on Wireless Communications</i> , <b>2022</b> , 1-1	9.6	
460	Non-Invasive Localisation Using Software-Defined Radios. <i>IEEE Sensors Journal</i> , <b>2022</b> , 1-1	4	0
459	Millimeter-Wave Smart Antenna Solutions for URLLC in Industry 4.0 and Beyond.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	5
458	An intelligent and efficient network intrusion detection system using deep learning. <i>Computers and Electrical Engineering</i> , <b>2022</b> , 99, 107764	4.3	1
457	An Intelligent Cluster-Based Routing Scheme in 5G Flying Ad Hoc Networks. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 3665	2.6	2
456	Revenue Maximization Through Cell Switching and Spectrum Leasing in 5G HetNets. <i>IEEE Access</i> , <b>2022</b> , 10, 48301-48317	3.5	
455	Machine learning-assisted direction-of-arrival accuracy enhancement technique using oversized lens-loaded cavity. <i>IET Microwaves, Antennas and Propagation</i> , <b>2022</b> , 16, 305-315	1.6	

454	Current Sheet Antenna Array and 5G: Challenges, Recent Trends, Developments, and Future Directions.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	1
453	Aerial Base Station Assisted Cellular Communication: Performance and Trade-Off. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 2765-2779	4.9	0
452	Performance Analysis on Wireless Blockchain IoT System <b>2021</b> , 179-199		2
451	Machine Learning Enabled Food Contamination Detection Using RFID and Internet of Things System. <i>Journal of Sensor and Actuator Networks</i> , <b>2021</b> , 10, 63	3.8	2
450	Pervasive Sensing: Macro to Nanoscale <b>2021</b> , 61-80		
449	Wireless Control for Life-Critical Actions <b>2021</b> , 153-167		
448	Windowed OFDM for Mixed-Numerology 5G and Beyond Systems <b>2021</b> , 43-61		
447	Impact of IoT on Manufacturing Industry 4.0: A New Triangular Systematic Review. <i>Sustainability</i> , <b>2021</b> , 13, 12506	3.6	14
446	IMPRESS: Indoor Mobility Prediction Framework for Pre-Emptive Indoor-Outdoor Handover for mmWave Networks. <i>IEEE Open Journal of the Communications Society</i> , <b>2021</b> , 1-1	6.7	1
445	Joint Communication and Control for mmWave/THz Beam Alignment in V2X Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
444	5G-Enabled Education 4.0: Enabling Technologies, Challenges, and Solutions. <i>IEEE Access</i> , <b>2021</b> , 9, 166963-166969	3.5	166969
443	Battery Recharging Time Models for Reconfigurable Intelligent Surfaces-Assisted Wireless Power Transfer Systems. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2021</b> , 1-1	4	5
442	New Adaptive Surrogate-Based Approach Combined Swarm Optimizer Assisted Less Tuning Cost of Dynamic Production-Inventory Control System. <i>IEEE Access</i> , <b>2021</b> , 9, 144054-144066	3.5	0
441	Link and stability-aware adaptive cooperative routing with restricted packets transmission and void-avoidance for underwater acoustic wireless sensor networks. <i>Computer Communications</i> , <b>2021</b> , 181, 428-428	5.1	1
440	Identifying the Lack of Energy-Conscious Behaviour in Clinical and Non-Clinical Settings: An NHS Case Study. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 2468	2.6	1
439	A Bra Monitoring System Using a Miniaturized Wearable Ultra-Wideband MIMO Antenna for Breast Cancer Imaging. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 2563	2.6	5
438	Assessing Nitrate Contamination Risks in Groundwater: A Machine Learning Approach. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10034	2.6	3
437	Optimising Electrical Power Supply Sustainability Using a Grid-Connected Hybrid Renewable Energy SystemAn NHS Hospital Case Study. <i>Energies</i> , <b>2021</b> , 14, 7084	3.1	1

436	The role of unmanned aerial vehicles and mmWave in 5G: Recent advances and challenges. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2021</b> , 32, e4241	1.9	6
435	Full Ground Ultra-Wideband Wearable Textile Antenna for Breast Cancer and Wireless Body Area Network Applications. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	15
434	Resource Optimization-Based Software Risk Reduction Model for Large-Scale Application Development. <i>Sustainability</i> , <b>2021</b> , 13, 2602	3.6	1
433	Advertising through UAVs: Optimized path system for delivering smart real-estate advertisement materials. <i>International Journal of Intelligent Systems</i> , <b>2021</b> , 36, 3429-3463	8.4	13
432	Traffic accident detection and condition analysis based on social networking data. <i>Accident Analysis and Prevention</i> , <b>2021</b> , 151, 105973	6.1	37
431	Metasurfaces Based on Huygen's Wavefront Manipulation <b>2021</b> , 71-83		
430	Electromagnetic Wave Manipulation with Metamaterials and Metasurfaces for Future Communication Technologies <b>2021</b> , 179-203		0
429	Signal Modulation Schemes in Backscatter Communications <b>2021</b> , 19-40		1
428	DEKCS: A Dynamic Clustering Protocol to Prolong Underwater Sensor Networks. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 9457-9464	4	19
427	Metasurface: An Insight into Its Applications <b>2021</b> , 85-118		0
426	Compact Elliptical UWB Antenna for Underwater Wireless Communications. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	4
425	Intelligent Reflective Surfaces State of the Art <b>2021</b> , 1-18		1
424	Passive UHF RFID Tag Antennas-Based Sensing for Internet of Things Paradigm <b>2021</b> , 133-155		0
423	RF Sensing for Healthcare Applications <b>2021</b> , 157-177		4
422	The Role of Smart Metasurfaces in Smart Grid Energy Management <b>2021</b> , 119-132		
421	Electromagnetic Waves Scattering Characteristics of Metasurfaces <b>2021</b> , 41-69		0
420	ROCA: Auto-resolving overlapping and conflicts in Access Control List policies for Software Defined Networking. <i>International Journal of Communication Systems</i> , <b>2021</b> , 34, e4815	1.7	3
419	Network slicing: a next generation 5G perspective. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2021</b> , 2021,	3.2	8

4 <sup>18</sup>	An Efficient Method for Complex Antenna Design Based on a Self Adaptive Surrogate Model-Assisted Optimization Technique. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 2302-2315	4.9	13
4 <sup>17</sup>	Microwave Imaging of Breast Skin Utilizing Elliptical UWB Antenna and Reverse Problems Algorithm. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	1
4 <sup>16</sup>	Secure big data ecosystem architecture: challenges and solutions. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2021</b> , 2021,	3.2	2
4 <sup>15</sup>	Network Slicing for Beyond 5G Systems: An Overview of the Smart Port Use Case. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1090	2.6	2
4 <sup>14</sup>	Design of Portable Exoskeleton Forearm for Rehabilitation of Monoparesis Patients Using Tendon Flexion Sensing Mechanism for Health Care Applications. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1279	2.6	2
4 <sup>13</sup>	A Scalable Multi-Layer PBFT Consensus for Blockchain. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2021</b> , 32, 1146-1160	3.7	43
4 <sup>12</sup>	Detection of impostor and tampered segments in audio by using an intelligent system. <i>Computers and Electrical Engineering</i> , <b>2021</b> , 91, 107122	4.3	2
4 <sup>11</sup>	It's all about perceptions: A DEMATEL approach to exploring user perceptions of real estate online platforms. <i>Ain Shams Engineering Journal</i> , <b>2021</b> ,	4.4	21
4 <sup>10</sup>	Using social media for sub-event detection during disasters. <i>Journal of Big Data</i> , <b>2021</b> , 8,	11.7	2
4 <sup>09</sup>	Energy Optimization in Ultra-Dense Radio Access Networks via Traffic-Aware Cell Switching. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2021</b> , 5, 832-845	4	4
4 <sup>08</sup>	Blockchain-Empowered Edge Intelligence for Internet of Medical Things Against COVID-19. <i>IEEE Internet of Things Magazine</i> , <b>2021</b> , 4, 34-39	3.5	3
4 <sup>07</sup>	6G Opportunities Arising from Internet of Things Use Cases: A Review Paper. <i>Future Internet</i> , <b>2021</b> , 13, 159	3.3	11
4 <sup>06</sup>	Public Perception of the Fifth Generation of Cellular Networks (5G) on Social Media. <i>Frontiers in Big Data</i> , <b>2021</b> , 4, 640868	2.8	3
4 <sup>05</sup>	Low-Dimensional Subspace Estimation of Continuous-Doppler-Spread Channel in OTFS Systems. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 4717-4731	6.9	7
4 <sup>04</sup>	Uniform Magnetic Field Characteristics Based UHF RFID Tag for Internet of Things Applications. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1603	2.6	4
4 <sup>03</sup>	Performance Analysis of UAV-Enabled Disaster Recovery Networks <b>2021</b> , 157-194		1
4 <sup>02</sup>	Rate-Latency Optimization for NB-IoT With Adaptive Resource Unit Configuration in Uplink Transmission. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 265-276	4.3	5
4 <sup>01</sup>	A Cooperative Massive MIMO System for Future In Vivo Nanonetworks. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 331-337	4.3	3

400	A Fast Blocking Matrix Generating Algorithm for Generalized Sidelobe Canceller Beamformer in High Speed Rail Like Scenario. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 15775-15783	4	3
399	Robust Spammer Detection Using Collaborative Neural Network in Internet-of-Things Applications. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9549-9558	10.7	48
398	An investigation of the drivers of social commerce and e-word-of-mouth intentions: Elucidating the role of social commerce in E-business. <i>Electronic Markets</i> , <b>2021</b> , 31, 181-195	4.8	17
397	Lightweight Searchable Encryption Protocol for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4248-4259	11.9	20
396	Device-centric adaptive data stream management and offloading for analytics applications in future internet architectures. <i>Future Generation Computer Systems</i> , <b>2021</b> , 114, 155-168	7.5	3
395	An intelligent healthcare monitoring framework using wearable sensors and social networking data. <i>Future Generation Computer Systems</i> , <b>2021</b> , 114, 23-43	7.5	108
394	CRT-BloV: A Cognitive Radio Technique for Blockchain-Enabled Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 4005-4015	6.1	14
393	Toward Convergence of AI and IoT for Energy-Efficient Communication in Smart Homes. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9664-9671	10.7	11
392	Handwriting dynamics assessment using deep neural network for early identification of Parkinson's disease. <i>Future Generation Computer Systems</i> , <b>2021</b> , 117, 234-244	7.5	19
391	A lightweight cyber security framework with context-awareness for pervasive computing environments. <i>Sustainable Cities and Society</i> , <b>2021</b> , 66, 102610	10.1	6
390	Intelligent IoT Framework for Indoor Healthcare Monitoring of Parkinson's Disease Patient. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 593-602	14.2	9
389	BeepTrace: Blockchain-Enabled Privacy-Preserving Contact Tracing for COVID-19 Pandemic and Beyond. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 3915-3929	10.7	72
388	Privacy-Preserving Wandering Behavior Sensing in Dementia Patients Using Modified Logistic and Dynamic Newton Leibnik Maps. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 3669-3679	4	20
387	Effective age of information in real-time wireless feedback control systems. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	1
386	IEEE Access Special Section Editorial: Emerging Trends, Issues, and Challenges in Underwater Acoustic Sensor Networks. <i>IEEE Access</i> , <b>2021</b> , 9, 5862-5869	3.5	1
385	A multiband circular polarization selective metasurface for microwave applications. <i>Scientific Reports</i> , <b>2021</b> , 11, 1774	4.9	6
384	Simulation of Crystalline Silicon Photovoltaic Cells for Wearable Applications. <i>IEEE Access</i> , <b>2021</b> , 9, 20868-20877	9.5	3
383	Deep Learning-Based Approach for Detecting Trajectory Modifications of Cassini-Huygens Spacecraft. <i>IEEE Access</i> , <b>2021</b> , 9, 39111-39125	3.5	

382	DRX-based energy-efficient supervised machine learning algorithm for mobile communication networks. <i>IET Communications</i> , <b>2021</b> , 15, 1000-1013	1.3	5
381	Non-Invasive RF Sensing for Detecting Breathing Abnormalities Using Software Defined Radios. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 5111-5118	4	7
380	High Gain Triple-Band Metamaterial-Based Antipodal Vivaldi MIMO Antenna for 5G Communications. <i>Micromachines</i> , <b>2021</b> , 12,	3.3	3
379	An intelligent content caching protocol for connected vehicles. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2021</b> , 32, e4231	1.9	3
378	A policy-based solution for the detection of colluding GPS-Spoofing attacks in FANETs. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2021</b> , 149, 300-318	3.7	2
377	F-Classify: Fuzzy Rule Based Classification Method for Privacy Preservation of Multiple Sensitive Attributes. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
376	Feasibility study of 28GHz and 38GHz millimeter-wave technologies for fog radio access networks using multi-slope path loss model. <i>Physical Communication</i> , <b>2021</b> , 47, 101401	2.2	4
375	Is blockchain for Internet of Medical Things a panacea for COVID-19 pandemic?. <i>Pervasive and Mobile Computing</i> , <b>2021</b> , 75, 101434	3.5	10
374	Suitability of NB-IoT for Indoor Industrial Environment: A Survey and Insights. <i>Sensors</i> , <b>2021</b> , 21,	3.8	8
373	Contactless Small-Scale Movement Monitoring System Using Software Defined Radio for Early Diagnosis of COVID-19. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 17180-17188	4	15
372	Software-defined networks for resource allocation in cloud computing: A survey. <i>Computer Networks</i> , <b>2021</b> , 195, 108151	5.4	8
371	Designing a Wind Energy Harvester for Connected Vehicles in Green Cities. <i>Energies</i> , <b>2021</b> , 14, 5408	3.1	16
370	5G-enabled contactless multi-user presence and activity detection for independent assisted living. <i>Scientific Reports</i> , <b>2021</b> , 11, 17590	4.9	3
369	Infrared Sensing Based Non-Invasive Initial Diagnosis of Chronic Liver Disease Using Ensemble Learning. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 19395-19406	4	4
368	Wireless Channel Modelling for Identifying Six Types of Respiratory Patterns With SDR Sensing and Deep Multilayer Perceptron. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 20833-20840	4	5
367	A multifunctional ultrathin flexible bianisotropic metasurface with miniaturized cell size. <i>Scientific Reports</i> , <b>2021</b> , 11, 18426	4.9	2
366	Impact of Inter-Gateway Distance on LoRaWAN Performance. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 2197	2.6	1
365	A smart healthcare framework for detection and monitoring of COVID-19 using IoT and cloud computing. <i>Neural Computing and Applications</i> , <b>2021</b> , 1-15	4.8	5

364	Making assembly line in supply chain robust and secure using UHF RFID. <i>Scientific Reports</i> , <b>2021</b> , 11, 180419	4.9	8
363	Friendly-jamming schemes to secure ultra-reliable and low-latency communications in 5G and beyond communications. <i>Computer Standards and Interfaces</i> , <b>2021</b> , 78, 103540	3.5	1
362	A techno-economic analysis for power generation through wind energy: A case study of Pakistan. <i>Energy Reports</i> , <b>2021</b> , 7, 1424-1443	4.6	6
361	Intelligent energy prediction techniques for fog computing networks. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 111, 107682	7.5	7
360	Machine learning for 5G security: Architecture, recent advances, and challenges. <i>Ad Hoc Networks</i> , <b>2021</b> , 123, 102667	4.8	2
359	A Novel Collaborative IoD-Assisted VANET Approach for Coverage Area Maximization. <i>IEEE Access</i> , <b>2021</b> , 9, 61211-61223	3.5	3
358	Treating Class Imbalance in Non-Technical Loss Detection: An Exploratory Analysis of a Real Dataset. <i>IEEE Access</i> , <b>2021</b> , 9, 98928-98938	3.5	2
357	Cloudlet Computing: Recent Advances, Taxonomy, and Challenges. <i>IEEE Access</i> , <b>2021</b> , 9, 29609-29622	3.5	8
356	Wind-to-Hydrogen Production Potential for Selected Sites in Pakistan. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	0
355	Blockchain-empowered Federated Learning Approach for An Intelligent and Reliable D2D Caching Scheme. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	3
354	A Miniaturized Series Fed Tri-Slot Coplanar Vivaldi Antenna for RADAR Application With Reduced Ground Plane Effect. <i>IEEE Open Journal of Antennas and Propagation</i> , <b>2021</b> , 2, 949-953	1.9	
353	Machine Learning Techniques for 5G and Beyond. <i>IEEE Access</i> , <b>2021</b> , 9, 23472-23488	3.5	32
352	Grand Challenges in IoT and Sensor Networks. <i>Frontiers in Communications and Networks</i> , <b>2020</b> , 1,	3.3	9
351	Federated Machine Learning in Vehicular Networks: A summary of Recent Applications <b>2020</b> ,		13
350	Energy Optimisation through Path Selection for Underwater Wireless Sensor Networks <b>2020</b> ,		2
349	Flow-Aware Elephant Flow Detection for Software-Defined Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 72585-72597	3.5	18
348	Blockchain for Digital Twins: Recent Advances and Future Research Challenges. <i>IEEE Network</i> , <b>2020</b> , 34, 290-298	11.4	54
347	Data-driven prognosis method using hybrid deep recurrent neural network. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 93, 106351	7.5	34



346	An Intelligent Non-Invasive Real-Time Human Activity Recognition System for Next-Generation Healthcare. <i>Sensors</i> , <b>2020</b> , 20,	3.8	54
345	UAV-enabled data acquisition scheme with directional wireless energy transfer for Internet of Things. <i>Computer Communications</i> , <b>2020</b> , 155, 184-196	5.1	20
344	Complementing IoT Services Through Software Defined Networking and Edge Computing: A Comprehensive Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2020</b> , 22, 1761-1804	37.1	94
343	An analysis of the application of fuzzy logic in cloud computing. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 38, 5933-5947	1.6	2
342	Mixed-Numerology Signals Transmission and Interference Cancellation for Radio Access Network Slicing. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 5132-5147	9.6	3
341	Mobility Prediction-Based Optimisation and Encryption of Passenger Traffic-Flows Using Machine Learning. <i>Sensors</i> , <b>2020</b> , 20,	3.8	5
340	An Overview of Machine Learning Applied in Wireless UAV Networks <b>2020</b> , 1-15		2
339	Digital Hadith authentication: Recent advances, open challenges, and future directions. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2020</b> , e3977	1.9	3
338	. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 1-1	4.6	17
337	A Deep Learning Model Based on Concatenation Approach for the Diagnosis of Brain Tumor. <i>IEEE Access</i> , <b>2020</b> , 8, 55135-55144	3.5	61
336	Impact of Feature Selection on Non-technical Loss Detection <b>2020</b> ,		3
335	Incremental Composition Process for the Construction of Component-Based Management Systems. <i>Sensors</i> , <b>2020</b> , 20,	3.8	2
334	A smart healthcare monitoring system for heart disease prediction based on ensemble deep learning and feature fusion. <i>Information Fusion</i> , <b>2020</b> , 63, 208-222	16.7	173
333	Investigating Smart Home Security: Is Blockchain the Answer?. <i>IEEE Access</i> , <b>2020</b> , 8, 117802-117816	3.5	18
332	. <i>IEEE Internet of Things Magazine</i> , <b>2020</b> , 3, 38-43	3.5	17
331	Securing Internet of Medical Things with Friendly-jamming schemes. <i>Computer Communications</i> , <b>2020</b> , 160, 431-442	5.1	26
330	Resource Allocation and Throughput Maximization for IoT Real-time Applications <b>2020</b> ,		2
329	Establishing effective communications in disaster affected areas and artificial intelligence based detection using social media platform. <i>Future Generation Computer Systems</i> , <b>2020</b> , 112, 1057-1069	7.5	17

328	Transformer based Deep Intelligent Contextual Embedding for Twitter sentiment analysis. <i>Future Generation Computer Systems</i> , <b>2020</b> , 113, 58-69	7.5	70
327	Have You Been a Victim of COVID-19-Related Cyber Incidents? Survey, Taxonomy, and Mitigation Strategies. <i>IEEE Access</i> , <b>2020</b> , 8, 124134-124144	3.5	37
326	An Application Development Framework for Internet-of-Things Service Orchestration. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 4543-4556	10.7	16
325	IEEE Access Special Section: Deployment and Management of Small Heterogeneous Cells for 5G. <i>IEEE Access</i> , <b>2020</b> , 8, 19406-19409	3.5	1
324	Interference Alignment for One-Hop and Two-Hops MIMO Systems With Uncoordinated Interference. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 902-914	6.9	1
323	Performance analysis of machine learning classifiers for non-technical loss detection. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2020</b> , 1	3.7	14
322	Novel One Time Signatures (NOTS): A Compact Post-Quantum Digital Signature Scheme. <i>IEEE Access</i> , <b>2020</b> , 8, 15895-15906	3.5	8
321	Securing Smart Cities through Blockchain Technology: Architecture, Requirements, and Challenges. <i>IEEE Network</i> , <b>2020</b> , 34, 8-14	11.4	81
320	Performance Analysis of Different Types of Machine Learning Classifiers for Non-Technical Loss Detection. <i>IEEE Access</i> , <b>2020</b> , 8, 16033-16048	3.5	36
319	Unmanned aerial vehicle for internet of everything: Opportunities and challenges. <i>Computer Communications</i> , <b>2020</b> , 155, 66-83	5.1	60
318	Towards a Low Complexity Scheme for Medical Images in Scalable Video Coding. <i>IEEE Access</i> , <b>2020</b> , 8, 41439-41451	3.5	2
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201	On the Viable Area of Wireless Practical Byzantine Fault Tolerance (PBFT) Blockchain Networks <b>2019,</b>		11
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