Ahmad S Almogren

List of Publications by Year in Descending Order

208 papers	4,707 citations	37 h-index	59 g-index
221 ext. papers	6,335 ext. citations	3.9 avg, IF	6.6 L-index

#	Paper	IF	Citations
208	Blockchain based Secure Energy Trading with Mutual Verifiable Fairness in a Smart Community. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1	11.9	5
207	Fog-Computing-Based Cyber-Physical System for Secure Food Traceability through the Twofish Algorithm. *Electronics (Switzerland)*, **2022**, 11, 283	2.6	0
206	A secure energy trading system for electric vehicles in smart communities using blockchain. *Sustainable Cities and Society*, **2022**, 79, 103678	10.1	4
205	Exploiting pretrained CNN models for the development of an EEG-based robust BCI framework.. *Computers in Biology and Medicine*, **2022**, 143, 105242	7	4
204	Cooperative energy transactions in micro and utility grids integrating energy storage systems. *Journal of Parallel and Distributed Computing*, **2022**, 161, 48-62	4.4	1
203	Blockchained service provisioning and malicious node detection via federated learning in scalable Internet of Sensor Things networks. *Computer Networks*, **2022**, 204, 108691	5.4	7
202	A Taxonomy of Multimedia-based Graphical User Authentication for Green Internet of Things. *ACM Transactions on Internet Technology*, **2022**, 22, 1-28	3.8	1
201	Automated Detection of Alzheimers via Hybrid Classical Quantum Neural Networks. *Electronics (Switzerland)*, **2022**, 11, 721	2.6	4
200	Fast Data Access through Nearest Location-Based Replica Placement. *Scientific Programming*, **2022**, 2022, 1-13	1.4	
199	Forensic Analysis on Internet of Things (IoT) Device Using Machine-to-Machine (M2M) Framework. *Electronics (Switzerland)*, **2022**, 11, 1126	2.6	6
198	Secure Delegation Using Enhanced Capability Model. *Security and Communication Networks*, **2022**, 2022, 1-9	1.9	
197	ShareTrust: Centralized trust management mechanism for trustworthy resource sharing in industrial Internet of Things. *Computers and Electrical Engineering*, **2022**, 100, 108013	4.3	1
196	FSR-Based Smart System for Detection of Wheelchair Sitting Postures Using Machine Learning Algorithms and Techniques. *Journal of Sensors*, **2022**, 2022, 1-10	2	1
195	Energy Efficient UAV Flight Path Model for Cluster Head Selection in Next-Generation Wireless Sensor Networks.. *Sensors*, **2021**, 21,	3.8	5
194	vTrust: An IoT-Enabled Trust-Based Secure Wireless Energy Sharing Mechanism for Vehicular Ad Hoc Networks. *Sensors*, **2021**, 21,	3.8	3
193	Augmentation of Contextualized Concatenated Word Representation and Dilated Convolution Neural Network for Sentiment Analysis. *Wireless Communications and Mobile Computing*, **2021**, 2021, 1-13	1.9	
192	Named Data Networking-Based On-Demand Secure Vehicle-To-Vehicle Communications. *Wireless Communications and Mobile Computing*, **2021**, 2021, 1-15	1.9	1

191	Hybrid Precoding Aided Fast Frequency-Hopping for Millimeter-Wave Communication. *IEEE Access*, **2021**, 9, 149596-149608	3.5	1
190	A Cost-Effective Optimization for Scheduling of Household Appliances and Energy Resources. *IEEE Access*, **2021**, 9, 160145-160162	3.5	3
189	A Bio-Inspired Heuristic Algorithm for Solving Optimal Power Flow Problem in Hybrid Power System. *IEEE Access*, **2021**, 9, 159809-159826	3.5	2
188	A Two-Stage Privacy Preservation and Secure Peer-to-Peer Energy Trading Model Using Blockchain and Cloud-Based Aggregator. *IEEE Access*, **2021**, 9, 143121-143137	3.5	4
187	Securing Genetic Algorithm Enabled SDN Routing for Blockchain Based Internet of Things. *IEEE Access*, **2021**, 9, 139739-139754	3.5	11
186	Implementation of ANN-Based Embedded Hybrid Power Filter Using HIL-Topology with Real-Time Data Visualization through Node-RED. *Energies*, **2021**, 14, 7127	3.1	5
185	A blockchain based incentive provisioning scheme for traffic event validation and information storage in VANETs. *Information Processing and Management*, **2021**, 58, 102464	6.3	28
184	Intelligent and secure edge-enabled computing model for sustainable cities using green internet of things. *Sustainable Cities and Society*, **2021**, 68, 102779	10.1	11
183	BIoTHR: Electronic Health Record Servicing Scheme in IoT-Blockchain Ecosystem. *IEEE Internet of Things Journal*, **2021**, 8, 10857-10872	10.7	18
182	FTM-IoMT: Fuzzy-Based Trust Management for Preventing Sybil Attacks in Internet of Medical Things. *IEEE Internet of Things Journal*, **2021**, 8, 4485-4497	10.7	20
181	Secure Transmission Lines Monitoring and Efficient Electricity Management in Ultra-Reliable Low Latency Industrial Internet of Things. *Computer Standards and Interfaces*, **2021**, 77, 103500	3.5	6
180	ALPHA: An Anonymous Orthogonal Code-Based Privacy Preserving Scheme for Industrial Cyber-Physical Systems. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 7716-7724	11.9	7
179	Using augmented reality and deep learning to enhance Taxila Museum experience. *Journal of Real-Time Image Processing*, **2021**, 18, 321-332	1.9	12
178	Left-Right-Front Caching Strategy for Vehicular Networks in ICN-Based Internet of Things. *IEEE Access*, **2021**, 9, 595-605	3.5	3
177	LightTrust: Lightweight Trust Management for Edge Devices in Industrial Internet of Things. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	8
176	A Robust Hybrid Deep Learning Model for Detection of Non-Technical Losses to Secure Smart Grids. *IEEE Access*, **2021**, 9, 128663-128678	3.5	6
175	Correlation between Triadic Closure and Homophily Formed over Location-Based Social Networks. *Scientific Programming*, **2021**, 2021, 1-10	1.4	
174	Iterative Algorithms for Deblurring of Images in Case of Electrical Capacitance Tomography. *Mathematical Problems in Engineering*, **2021**, 2021, 1-11	1.1	2

173	. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 6134-6143	11.9	14
172	Machine Learning-based Mist Computing Enabled Internet of Battlefield Things. *ACM Transactions on Internet Technology*, **2021**, 21, 1-26	3.8	5
171	Spatiotemporal D2D Small Cell Allocation and On-Demand Deployment for Microgrids. *IEEE Access*, **2021**, 9, 116830-116844	3.5	3
170	Blockchain Based Data and Energy Trading in Internet of Electric Vehicles. *IEEE Access*, **2021**, 9, 7000-7020	3.5	22
169	Machine Learning-Based Detection of Spam Emails. *Scientific Programming*, **2021**, 2021, 1-11	1.4	3
168	Inferring Ties in Social IoT Using Location-Based Networks and Identification of Hidden Suspicious Ties. *Scientific Programming*, **2020**, 2020, 1-16	1.4	2
167	Investigating Tree Family Machine Learning Techniques for a Predictive System to Unveil Software Defects. *Complexity*, **2020**, 2020, 1-21	1.6	6
166	IoMT-Based Automated Detection and Classification of Leukemia Using Deep Learning. *Journal of Healthcare Engineering*, **2020**, 2020, 6648574	3.7	20
165	AgriTrust-A Trust Management Approach for Smart Agriculture in Cloud-based Internet of Agriculture Things. *Sensors*, **2020**, 20,	3.8	13
164	Energy Harvested and Cooperative Enabled Efficient Routing Protocol (EHCRP) for IoT-WBAN. *Sensors*, **2020**, 20,	3.8	7
163	A Secure and Efficient ECC-Based Scheme for Edge Computing and Internet of Things. *Sensors*, **2020**, 20,	3.8	12
162	RTS: A Robust and Trusted Scheme for IoT-Based Mobile Wireless Mesh Networks. *IEEE Access*, **2020**, 8, 68379-68390	3.5	16
161	SASC: Secure and Authentication-Based Sensor Cloud Architecture for Intelligent Internet of Things. *Sensors*, **2020**, 20,	3.8	37
160	IoMT-based computational approach for detecting brain tumor. *Future Generation Computer Systems*, **2020**, 109, 360-367	7.5	34
159	A Blockchain-Based Load Balancing in Decentralized Hybrid P2P Energy Trading Market in Smart Grid. *IEEE Access*, **2020**, 8, 47047-47062	3.5	48
158	Performance Evaluation of Data Dissemination Protocols for Connected Autonomous Vehicles. *IEEE Access*, **2020**, 8, 126896-126906	3.5	9
157	NSSC: Novel Segment Based Safety Message Broadcasting in Cluster-Based Vehicular Sensor Network. *IEEE Access*, **2020**, 8, 34299-34312	3.5	14
156	Improved Resource Allocation in 5G MTC Networks. *IEEE Access*, **2020**, 8, 49187-49197	3.5	10

155	Leveraging Blockchain Technology for Secure Energy Trading and Least-Cost Evaluation of Decentralized Contributions to Electrification in Sub-Saharan Africa. *Entropy*, **2020**, 22,	2.8	12
154	A deep learning based medical image segmentation technique in Internet-of-Medical-Things domain. *Future Generation Computer Systems*, **2020**, 108, 135-144	7.5	44
153	Data Sharing System Integrating Access Control Mechanism using Blockchain-Based Smart Contracts for IoT Devices. *Applied Sciences (Switzerland)*, **2020**, 10, 488	2.6	63
152	Increasing the Trustworthiness in the Industrial IoT Networks Through a Reliable Cyberattack Detection Model. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 6154-6162	11.9	38
151	Doodle-Based Authentication Technique Using Augmented Reality. *IEEE Access*, **2020**, 8, 4022-4034	3.5	7
150	StabTrust A Stable and Centralized Trust-Based Clustering Mechanism for IoT Enabled Vehicular Ad-Hoc Networks. *IEEE Access*, **2020**, 8, 21159-21177	3.5	36
149	Security Challenges and Strategies for the IoT in Cloud Computing **2020**,		5
148	Named Data Networking for Efficient IoT-based Disaster Management in a Smart Campus. *Sustainability*, **2020**, 12, 3088	3.6	20
147	Blockchain-Based Agri-Food Supply Chain: A Complete Solution. *IEEE Access*, **2020**, 8, 69230-69243	3.5	90
146	Improving the performance of opportunistic routing using min-max range and optimum energy level for relay node selection in wireless sensor networks. *PeerJ Computer Science*, **2020**, 6, e326	2.7	2
145	Corrigendum to Security Measurement in Industrial IoT with Cloud Computing Perspective: Taxonomy, Issues, and Future Directions *Scientific Programming*, **2020**, 2020, 1-1	1.4	
144	A framework for topological based map building: A solution to autonomous robot navigation in smart cities. *Future Generation Computer Systems*, **2020**, 111, 644-653	7.5	11
143	5G Vehicular Network Resource Management for Improving Radio Access Through Machine Learning. *IEEE Access*, **2020**, 8, 6792-6800	3.5	54
142	Intrusion detection in Edge-of-Things computing. *Journal of Parallel and Distributed Computing*, **2020**, 137, 259-265	4.4	22
141	PUC: Packet Update Caching for energy efficient IoT-based Information-Centric Networking. *Future Generation Computer Systems*, **2020**, 111, 634-643	7.5	25
140	IoMT-Based Association Rule Mining for the Prediction of Human Protein Complexes. *IEEE Access*, **2020**, 8, 6226-6237	3.5	10
139	Towards Energy-Efficient Mobile Ad Optimization: An App Developer Perspective. *Applied Sciences (Switzerland)*, **2020**, 10, 6889	2.6	2
138	NeuroTrust Artificial-Neural-Network-Based Intelligent Trust Management Mechanism for Large-Scale Internet of Medical Things. *IEEE Internet of Things Journal*, **2020**, 1-1	10.7	9

119	Spammer Detection and Fake User Identification on Social Networks. *IEEE Access*, **2019**, 7, 68140-68152	3.5	35
118	Secret Sharing-Based Energy-Aware and Multi-Hop Routing Protocol for IoT Based WSNs. *IEEE Access*, **2019**, 7, 79980-79988	3.5	39
117	A Resilient Smart Body Sensor Network Through Pyramid Interconnection. *IEEE Access*, **2019**, 7, 51039-51046	3.5	8
116	RobustTrust A Pro-Privacy Robust Distributed Trust Management Mechanism for Internet of Things. *IEEE Access*, **2019**, 7, 62095-62106	3.5	39
115	Simple and Effective Secure Group Communications in Dynamic Wireless Sensor Networks. *Sensors*, **2019**, 19,	3.8	6
114	A novel machine learning based feature selection for motor imagery EEG signal classification in Internet of medical things environment. *Future Generation Computer Systems*, **2019**, 98, 419-434	7.5	48
113	An Efficient Cooperative Medium Access Control Protocol for Wireless IoT networks in Smart World System. *Journal of Network and Computer Applications*, **2019**, 133, 26-38	7.9	7
112	Autonomic computation offloading in mobile edge for IoT applications. *Future Generation Computer Systems*, **2019**, 90, 149-157	7.5	117
111	Secure distributed adaptive bin packing algorithm for cloud storage. *Future Generation Computer Systems*, **2019**, 90, 307-316	7.5	15
110	iAgent: When AI Meets Mobile Agent. *IEEE Access*, **2019**, 7, 97032-97040	3.5	1
109	Optimal Selection of Crowdsourcing Workers Balancing Their Utilities and Platform Profit. *IEEE Internet of Things Journal*, **2019**, 6, 8602-8614	10.7	25
108	Leveraging utilization as performance metric for CDN enabled energy efficient internet of things. *Measurement: Journal of the International Measurement Confederation*, **2019**, 147, 106814	4.6	12
107	A Decade of Internet of Things: Analysis in the Light of Healthcare Applications. *IEEE Access*, **2019**, 7, 89967-89979	3.5	43
106	An Energy-Efficient and Secure Routing Protocol for Intrusion Avoidance in IoT-Based WSN. *Energies*, **2019**, 12, 4174	3.1	30
105	Probability-Based Centralized Device for Spectrum Handoff in Cognitive Radio Networks. *IEEE Access*, **2019**, 7, 26731-26739	3.5	14
104	Intrusion Prevention Framework for Secure Routing in WSN-Based Mobile Internet of Things. *IEEE Access*, **2019**, 7, 185496-185505	3.5	56
103	SE-Enc: A Secure and Efficient Encoding Scheme Using Elliptic Curve Cryptography. *IEEE Access*, **2019**, 7, 175865-175878	3.5	14
102	Human emotion recognition using deep belief network architecture. *Information Fusion*, **2019**, 51, 10-18	16.7	134

101	Application of reinforcement learning in UAV cluster task scheduling. *Future Generation Computer Systems*, **2019**, 95, 140-148	7.5	37
100	A hybrid multi criteria decision method for cloud service selection from Smart data. *Future Generation Computer Systems*, **2019**, 93, 43-57	7.5	28
99	An efficient networking protocol for internet of things to handle multimedia big data. *Multimedia Tools and Applications*, **2019**, 78, 30039-30056	2.5	9
98	Workload aware VM consolidation method in edge/cloud computing for IoT applications. *Journal of Parallel and Distributed Computing*, **2019**, 123, 204-214	4.4	35
97	Smart healthcare monitoring: a voice pathology detection paradigm for smart cities. *Multimedia Systems*, **2019**, 25, 565-575	2.2	106
96	An automated and intelligent Parkinson disease monitoring system using wearable computing and cloud technology. *Cluster Computing*, **2019**, 22, 2309-2316	2.1	13
95	Taxonomy of Factors Causing Integration Failure during Global Software Development. *IEEE Access*, **2018**, 6, 22228-22239	3.5	13
94	An Innovative Heuristic Algorithm for IoT-Enabled Smart Homes for Developing Countries. *IEEE Access*, **2018**, 6, 15550-15575	3.5	29
93	Human Activity Recognition from Body Sensor Data using Deep Learning. *Journal of Medical Systems*, **2018**, 42, 99	5.1	55
92	A Mobility-Aware Optimal Resource Allocation Architecture for Big Data Task Execution on Mobile Cloud in Smart Cities **2018**, 56, 110-117		46
91	Cloud-supported framework for patients in post-stroke disability rehabilitation. *Telematics and Informatics*, **2018**, 35, 826-836	8.1	9
90	Cloud-oriented emotion feedback-based Exergames framework. *Multimedia Tools and Applications*, **2018**, 77, 21861-21877	2.5	3
89	Improving risk assessment model of cyber security using fuzzy logic inference system. *Computers and Security*, **2018**, 74, 323-339	4.9	32
88	SLIDE: A Straight Line Conflict Detection and Alerting Algorithm for Multiple Unmanned Aerial Vehicles. *IEEE Transactions on Mobile Computing*, **2018**, 17, 1190-1203	4.6	13
87	Securing the operations in SCADA-IoT platform based industrial control system using ensemble of deep belief networks. *Applied Soft Computing Journal*, **2018**, 71, 66-77	7.5	46
86	Efficient Power Scheduling in Smart Homes Using Hybrid Grey Wolf Differential Evolution Optimization Technique with Real Time and Critical Peak Pricing Schemes. *Energies*, **2018**, 11, 384	3.1	36
85	A Domestic Microgrid with Optimized Home Energy Management System. *Energies*, **2018**, 11, 1002	3.1	27
84	Identifying cyber threats to mobile-IoT applications in edge computing paradigm. *Future Generation Computer Systems*, **2018**, 89, 525-538	7.5	25

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82	Transferring activity recognition models in FOG computing architecture. *Journal of Parallel and Distributed Computing*, **2018**, 122, 122-130	4.4	10
81	A robust human activity recognition system using smartphone sensors and deep learning. *Future Generation Computer Systems*, **2018**, 81, 307-313	7.5	286
80	Traffic engineering in cognitive mesh networks: Joint link-channel selection and power allocation. *Computer Communications*, **2018**, 116, 212-224	5.1	6
79	A key distribution scheme for secure communication in acoustic sensor networks. *Future Generation Computer Systems*, **2018**, 86, 1209-1217	7.5	7
78	An efficient key agreement protocol for Sybil-precaution in online social networks. *Future Generation Computer Systems*, **2018**, 84, 139-148	7.5	10
77	An efficient approach of improving privacy and security in online social networks. *Concurrency Computation Practice and Experience*, **2018**, 30, e4272	1.4	3
76	Multistage fusion approaches based on a generative model and multivariate exponentially weighted moving average for diagnosis of cardiovascular autonomic nerve dysfunction. *Information Fusion*, **2018**, 41, 105-118	16.7	21
75	Cost Efficient Edge Intelligence Framework Using Docker Containers **2018**,		12
74	Data on performance prediction for cloud service selection. *Data in Brief*, **2018**, 20, 1039-1043	1.2	4
73	Performance Analysis of Personal Cloud Storage Services for Mobile Multimedia Health Record Management. *IEEE Access*, **2018**, 6, 52625-52638	3.5	11
72	Towards Efficient Energy Management and Power Trading in a Residential Area via Integrating a Grid-Connected Microgrid. *Sustainability*, **2018**, 10, 1245	3.6	38
71	Energy-Aware Resource and Revenue Management in Federated Cloud: A Game-Theoretic Approach. *IEEE Systems Journal*, **2017**, 11, 951-961	4.3	14
70	Scalable regular pattern mining in evolving body sensor data. *Future Generation Computer Systems*, **2017**, 75, 172-186	7.5	15
69	Sybil Defense Techniques in Online Social Networks: A Survey. *IEEE Access*, **2017**, 5, 1200-1219	3.5	57
68	. *IEEE Access*, **2017**, 5, 15206-15221	3.5	33
67	Facial Expression Recognition Utilizing Local Direction-Based Robust Features and Deep Belief Network. *IEEE Access*, **2017**, 5, 4525-4536	3.5	92
66	A facial expression recognition system using robust face features from depth videos and deep learning. *Computers and Electrical Engineering*, **2017**, 63, 114-125	4.3	47

65	Exploiting Energy Efficient Emotion-Aware Mobile Computing. *Mobile Networks and Applications*, **2017**, 22, 1192-1203	2.9	
64	. *IEEE Access*, **2017**, 5, 22313-22328	3.5	125
63	A Localization Based Cooperative Routing Protocol for Underwater Wireless Sensor Networks. *Mobile Information Systems*, **2017**, 2017, 1-16	1.4	13
62	Collaborative neighbor discovery in directional wireless sensor networks: algorithm and analysis. *Eurasip Journal on Wireless Communications and Networking*, **2017**, 2017,	3.2	14
61	Tradeoff Between Sensing Quality and Network Lifetime for Heterogeneous Target Coverage Using Directional Sensor Nodes. *IEEE Access*, **2017**, 5, 15490-15504	3.5	9
60	Quality of service aware cloud resource provisioning for social multimedia services and applications. *Multimedia Tools and Applications*, **2017**, 76, 14485-14509	2.5	19
59	Defending unknown attacks on cyber-physical systems by semi-supervised approach and available unlabeled data. *Information Sciences*, **2017**, 379, 211-228	7.7	53
58	Enhanced Living by Assessing Voice Pathology Using a Co-Occurrence Matrix. *Sensors*, **2017**, 17,	3.8	22
57	Cooperative Position Aware Mobility Pattern of AUVs for Avoiding Void Zones in Underwater WSNs. *Sensors*, **2017**, 17,	3.8	8
56	Cooperative Opportunistic Pressure Based Routing for Underwater Wireless Sensor Networks. *Sensors*, **2017**, 17,	3.8	14
55	An Optimized Home Energy Management System with Integrated Renewable Energy and Storage Resources. *Energies*, **2017**, 10, 549	3.1	123
54	A Hybrid Genetic Wind Driven Heuristic Optimization Algorithm for Demand Side Management in Smart Grid. *Energies*, **2017**, 10, 319	3.1	112
53	Demand Side Management in Nearly Zero Energy Buildings Using Heuristic Optimizations. *Energies*, **2017**, 10, 1131	3.1	34
52	An Intelligent Hybrid Heuristic Scheme for Smart Metering based Demand Side Management in Smart Homes. *Energies*, **2017**, 10, 1258	3.1	43
51	Towards Cost and Comfort Based Hybrid Optimization for Residential Load Scheduling in a Smart Grid. *Energies*, **2017**, 10, 1546	3.1	38
50	AR-based serious game framework for post-stroke rehabilitation. *Multimedia Systems*, **2016**, 22, 659-674	2.2	25
49	A two-stage approach for task and resource management in multimedia cloud environment. *Computing (Vienna/New York)*, **2016**, 98, 119-145	2.2	20
48	Toward end-to-end biomet rics-based security for IoT infrastructure. *IEEE Wireless Communications*, **2016**, 23, 44-51	13.4	53

47	A mobile sensing method to counteract social media website impersonation. *International Journal of Distributed Sensor Networks*, **2016**, 12, 155014771667126	1.7	
46	Energy-sustainable relay node deployment in wireless sensor networks. *Computer Networks*, **2016**, 104, 108-121	5.4	27
45	Interference-aware high-throughput channel allocation mechanism for CR-VANETs. *Eurasip Journal on Wireless Communications and Networking*, **2016**, 2016,	3.2	7
44	QoS-adaptive service configuration framework for cloud-assisted video surveillance systems. *Multimedia Tools and Applications*, **2016**, 75, 13333-13348	2.5	8
43	Remote display solution for video surveillance in multimedia cloud. *Multimedia Tools and Applications*, **2016**, 75, 13375-13396	2.5	7
42	Efficient Computation Offloading Decision in Mobile Cloud Computing over 5G Network. *Mobile Networks and Applications*, **2016**, 21, 777-792	2.9	36
41	Quality of Service Aware Reliable Task Scheduling in Vehicular Cloud Computing. *Mobile Networks and Applications*, **2016**, 21, 482-493	2.9	27
40	Distributed Dynamic Memetic Algorithm Based Coding Aware Routing for Wireless Mesh Sensor Networks. *International Journal of Distributed Sensor Networks*, **2016**, 12, 5429303	1.7	1
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35	. *IEEE Transactions on Services Computing*, **2016**, 9, 806-817	4.8	61
34	Audio-Visual Emotion-Aware Cloud Gaming Framework. *IEEE Transactions on Circuits and Systems for Video Technology*, **2015**, 25, 2105-2118	6.4	58
33	AIWAC: affective interaction through wearable computing and cloud technology. *IEEE Wireless Communications*, **2015**, 22, 20-27	13.4	119
32	Design of QoS-Aware Multi-Level MAC-Layer for Wireless Body Area Network. *Journal of Medical Systems*, **2015**, 39, 192	5.1	14
31	PKE-AET: Public Key Encryption with Authorized Equality Test. *Computer Journal*, **2015**, 58, 2686-2697	1.3	58
30	A new model for classifying social media users according to their behaviors **2015**,		9

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29	A novel prevention mechanism for Sybil attack in online social network **2015**,		6
28	Design of an energy-efficient and reliable data delivery mechanism for mobile ad hoc networks: a cross-layer approach. *Concurrency Computation Practice and Experience*, **2015**, 27, 2637-2655	1.4	8
27	SecNRCC: a loss-tolerant secure network reprogramming with confidentiality consideration for wireless sensor networks. *Concurrency Computation Practice and Experience*, **2015**, 27, 2668-2680	1.4	3
26	CHRA: a coloring based hierarchical routing algorithm. *Journal of Ambient Intelligence and Humanized Computing*, **2015**, 6, 69-82	3.7	1
25	A buffer-aware HTTP live streaming approach for SDN-enabled 5G wireless networks. *IEEE Network*, **2015**, 29, 49-55	11.4	36
24	A Novel Study on Natural Robotic Rehabilitation Exergames Using the Unaffected Arm of Stroke Patients. *International Journal of Distributed Sensor Networks*, **2015**, 11, 590584	1.7	4
23	Developing a Powerful and Resilient Smart Body Sensor Network through Hypercube Interconnection. *International Journal of Distributed Sensor Networks*, **2015**, 2015, 1-8	1.7	6
22	Evaluating the impact of a cloud-based serious game on obese people. *Computers in Human Behavior*, **2014**, 30, 468-475	7.7	34
21	Screening for hen's egg and chicken meat specific IgE antibodies in Saudi patients with allergic disorders. *African Health Sciences*, **2014**, 14, 634-40	1.1	3
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19	A distributed clustering algorithm for target coverage in Directional Sensor Networks **2014**,		7
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17	A framework for a context-aware elderly entertainment support system. *Sensors*, **2014**, 14, 10538-61	3.8	15
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15	Efficient Virtual Machine Resource Management for Media Cloud Computing. *KSII Transactions on Internet and Information Systems*, **2014**, 8, 1567-1587	1.7	11
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9	A Survey on Sensor-Cloud: Architecture, Applications, and Approaches. *International Journal of Distributed Sensor Networks*, **2013**, 9, 917923	1.7	225
8	Toward Efficient Packet Buffering and Congestion Control Approaches for Reliable Data Delivery in Mobile Ad Hoc Network. *Lecture Notes in Computer Science*, **2013**, 65-77	0.9	1
7	Hamon: An activity recognition framework for health monitoring support at home **2011**,		10
6	A decision model of stroke patient rehabilitation with augmented reality-based games **2010**,		7
5	Measuring hand-arm steadiness for post-stroke and Parkinson's Disease patients using SIERRA framework **2010**,		3
4	Haptic Virtual Rehabilitation Exercises for Poststroke Diagnosis. *IEEE Transactions on Instrumentation and Measurement*, **2008**, 57, 1876-1884	5.2	53
3	QoS-Aware Service Selection for Multimedia Transcoding **2008**,		2
2	Extending Blender: Development of a Haptic Authoring Tool **2007**,		2
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