Ibrahim Khalil

List of Publications by Year
in descending order

191 papers	5,098 citations	109264 35 h-index	123376 61 g-index
194 all docs	194 docs citations	194 times ranked	4691 citing authors

#	Article	IF	Citations
1	A Survey of Clustering Algorithms for Big Data: Taxonomy and Empirical Analysis. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 267-279.	3.2	743
2	A context-aware approach for long-term behavioural change detection and abnormality prediction in ambient assisted living. Pattern Recognition, 2015, 48, 628-641.	5.1	164
3	Wavelet-Based ECG Steganography for Protecting Patient Confidential Information in Point-of-Care Systems. IEEE Transactions on Biomedical Engineering, 2013, 60, 3322-3330.	2.5	141
4	CoCaMAAL: A cloud-oriented context-aware middleware in ambient assisted living. Future Generation Computer Systems, 2014, 35, 114-127.	4.9	141
5	A Trustworthy Privacy Preserving Framework for Machine Learning in Industrial IoT Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 6092-6102.	7.2	138
6	Local Differential Privacy for Deep Learning. IEEE Internet of Things Journal, 2020, 7, 5827-5842.	5.5	116
7	Diagnosis of Cardiovascular Abnormalities From Compressed ECG: A Data Mining-Based Approach. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 33-39.	3.6	105
8	An unsupervised anomaly-based detection approach for integrity attacks on SCADA systems. Computers and Security, 2014, 46, 94-110.	4.0	98
9	Secure Edge of Things for Smart Healthcare Surveillance Framework. IEEE Access, 2019, 7, 31010-31021.	2.6	85
10	An Integrated Framework for Privacy-Preserving Based Anomaly Detection for Cyber-Physical Systems. IEEE Transactions on Sustainable Computing, 2021, 6, 66-79.	2.2	81
11	Novel methods of faster cardiovascular diagnosis in wireless telecardiology. IEEE Journal on Selected Areas in Communications, 2009, 27, 537-552.	9.7	79
12	BDCaM: Big Data for Context-Aware Monitoring—A Personalized Knowledge Discovery Framework for Assisted Healthcare. IEEE Transactions on Cloud Computing, 2017, 5, 628-641.	3.1	74
13	Toward an efficient and scalable feature selection approach for internet traffic classification. Computer Networks, 2013, 57, 2040-2057.	3.2	73
14	A Practical Privacy-Preserving Recommender System. Data Science and Engineering, 2016, 1, 161-177.	4.6	73
15	Towards secure and practical consensus for blockchain based VANET. Information Sciences, 2021, 545, 170-187.	4.0	70
16	ECG Biometric with Abnormal Cardiac Conditions in Remote Monitoring System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 1498-1509.	5.9	69
17	Distributed anomaly detection for industrial wireless sensor networks based on fuzzy data modelling. Journal of Parallel and Distributed Computing, 2013, 73, 790-806.	2.7	63
18	ViSiBiD: A learning model for early discovery and real-time prediction of severe clinical events using vital signs as big data. Computer Networks, 2017, 113, 244-257.	3.2	63

#	Article	IF	Citations
19	Towards secure big data analytic for cloud-enabled applications with fully homomorphic encryption. Journal of Parallel and Distributed Computing, 2020, 137, 192-204.	2.7	60
20	Secure Data Analytics for Cloud-Integrated Internet of Things Applications. IEEE Cloud Computing, 2016, 3, 46-56.	5.3	58
21	Security and Privacy in Cloud Computing: Vision, Trends, and Challenges. IEEE Cloud Computing, 2015, 2, 30-38.	5.3	57
22	Efficient privacy preservation of big data for accurate data mining. Information Sciences, 2020, 527, 420-443.	4.0	54
23	Hybrid Cryptographic Access Control for Cloud-Based EHR Systems. IEEE Cloud Computing, 2016, 3, 58-64.	5.3	52
24	Efficient data perturbation for privacy preserving and accurate data stream mining. Pervasive and Mobile Computing, 2018, 48, 1-19.	2.1	51
25	An efficient and scalable privacy preserving algorithm for big data and data streams. Computers and Security, 2019, 87, 101570.	4.0	50
26	ECG-Based Authentication. , 2010, , 309-331.		49
27	Faster person identification using compressed ECG in time critical wireless telecardiology applications. Journal of Network and Computer Applications, 2011, 34, 282-293.	5.8	45
28	Polynomial distance measurement for ECG based biometric authentication. Security and Communication Networks, 2010, 3, 303-319.	1.0	42
29	Data mining in mobile ECG based biometric identification. Journal of Network and Computer Applications, 2014, 44, 83-91.	5.8	42
30	An optimal and stable feature selection approach for traffic classification based on multi-criterion fusion. Future Generation Computer Systems, 2014, 36, 156-169.	4.9	41
31	A scalable blockchain based trust management in VANET routing protocol. Journal of Parallel and Distributed Computing, 2021, 152, 144-156.	2.7	41
32	Privacy-preserving anomaly detection in cloud with lightweight homomorphic encryption. Journal of Computer and System Sciences, 2017, 90, 28-45.	0.9	40
33	Design and implementation of a secure cloud-based billing model for smart meters as an Internet of things using homomorphic cryptography. Future Generation Computer Systems, 2017, 72, 327-338.	4.9	38
34	Privacy Preserving User-Based Recommender System. , 2017, , .		38
35	Real-time Secure Health Surveillance for Smarter Health Communities. IEEE Communications Magazine, 2019, 57, 122-129.	4.9	38
36	A lightweight authentication scheme for vehicular ad hoc networks based on MSR. Vehicular Communications, 2019, 15, 16-27.	2.7	38

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37	Privacy Preserving Location-Aware Personalized Web Service Recommendations. IEEE Transactions on Services Computing, 2021, 14, 791-804.	3.2	38
38	SCADAVT-A framework for SCADA security testbed based on virtualization technology. , 2013, , .		37
39	Accurate positioning using long range active RFID technology to assist visually impaired people. Journal of Network and Computer Applications, 2014, 41, 135-147.	5.8	37
40	PPFSCADA: Privacy preserving framework for SCADA data publishing. Future Generation Computer Systems, 2014, 37, 496-511.	4.9	37
41	<inline-formula><tex-math>k</tex-math><alternatives> <inline-graphic xlink:type="simple" xlink:href="alharthi-ieq1-2460735.gif"/></alternatives></inline-formula>NNVWC: An Efficient <inline-formula><tex-math>k</tex-math><alternatives><inline-graphic xlink:type="simple" xlink:href="alharthi-ieq2-2460735.gif"/> </alternatives></inline-formula>	4.0	36
42	Seamless integration of dependability and security concepts in SOA: A feedback control system based framework and taxonomy. Journal of Network and Computer Applications, 2011, 34, 1150-1159.	5.8	34
43	Management of quality of service enabled VPNs. , 2001, 39, 90-98.		33
44	Enforcing secured ECG transmission for realtime telemonitoring: A joint encoding, compression, encryption mechanism. Security and Communication Networks, 2008, 1, 389-405.	1.0	32
45	A chaosâ€based encryption technique to protect ECG packets for time critical telecardiology applications. Security and Communication Networks, 2011, 4, 515-524.	1.0	32
46	Towards privacy preserving AI based composition framework in edge networks using fully homomorphic encryption. Engineering Applications of Artificial Intelligence, 2020, 94, 103737.	4.3	32
47	Legendre Polynomials based biometric authentication using QRS complex of ECG. , 2008, , .		31
48	A clinical decision-making mechanism for context-aware and patient-specific remote monitoring systems using the correlations of multiple vital signs. Computer Methods and Programs in Biomedicine, 2017, 139, 1-16.	2.6	31
49	Blockchain-Based Security Framework for a Critical Industry 4.0 Cyber-Physical System. IEEE Communications Magazine, 2021, 59, 128-134.	4.9	31
50	A Novel Architecture for Tamper Proof Electronic Health Record Management System using Blockchain Wrapper. , 2019, , .		30
51	Cloud enabled fractal based ECG compression in wireless body sensor networks. Future Generation Computer Systems, 2014, 35, 91-101.	4.9	29
52	Automated Disaster Monitoring From Social Media Posts Using AI-Based Location Intelligence and Sentiment Analysis. IEEE Transactions on Computational Social Systems, 2024, , 1-11.	3.2	29
53	Embedding patients confidential data in ECG signal for healthcare information systems. , 2010, 2010, 3891-4.		28
54	Data summarization for network traffic monitoring. Journal of Network and Computer Applications, 2014, 37, 194-205.	5.8	28

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55	Blockchain-Based Secure and Lightweight Authentication for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 3321-3332.	5.5	28
56	PEACE-Home: Probabilistic estimation of abnormal clinical events using vital sign correlations for reliable home-based monitoring. Pervasive and Mobile Computing, 2017, 38, 296-311.	2.1	27
57	Walshâ€"Hadamard-Based 3-D Steganography for Protecting Sensitive Information in Point-of-Care. IEEE Transactions on Biomedical Engineering, 2017, 64, 2186-2195.	2.5	27
58	A clustering based system for instant detection of cardiac abnormalities from compressed ECG. Expert Systems With Applications, 2011, 38, 4705-4713.	4.4	26
59	Child and adolescent injuryÂburden in the eastern mediterranean region: Findings from the Global Burden of Disease 1990-2017. BMC Public Health, 2020, 20, 433.	1.2	26
60	Privacy preserving service selection using fully homomorphic encryption scheme on untrusted cloud service platform. Knowledge-Based Systems, 2019, 180, 104-115.	4.0	25
61	Trust based reliable transmissions strategies for smart home energy consumption management in cognitive radio based smart grid. Ad Hoc Networks, 2016, 41, 15-29.	3.4	24
62	Secure and reliable surveillance over cognitive radio sensor networks in smart grid. Pervasive and Mobile Computing, 2015, 22, 3-15.	2.1	23
63	Gaussian Approximation-Based Lossless Compression of Smart Meter Readings. IEEE Transactions on Smart Grid, 2018, 9, 5047-5056.	6.2	23
64	A lossless DNA data hiding approach for data authenticity in mobile cloud based healthcare systems. International Journal of Information Management, 2019, 45, 276-288.	10.5	23
65	A probabilistic model for early prediction of abnormal clinical events using vital sign correlations in home-based monitoring. , 2016, , .		22
66	Blockchain-Based Federated Learning With Secure Aggregation in Trusted Execution Environment for Internet-of-Things. IEEE Transactions on Industrial Informatics, 2023, 19, 1703-1714.	7.2	22
67	An Architecture for Distributed Content Delivery Network. Networks, 2008 ICON 2008 16th IEEE International Conference on, 2007, , .	0.0	21
68	Blockchain-Powered Policy Enforcement for Ensuring Flight Compliance in Drone-Based Service Systems. IEEE Network, 2021, 35, 116-123.	4.9	21
69	A Blockchain-Enabled Privacy-Preserving Verifiable Query Framework for Securing Cloud-Assisted Industrial Internet of Things Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 5007-5017.	7.2	21
70	Blockchain-Enabled Intelligent Vehicular Edge Computing. IEEE Network, 2021, 35, 125-131.	4.9	21
71	Compressed ECG Biometric: A Fast, Secured and Efficient Method for Identification of CVD Patient. Journal of Medical Systems, 2011, 35, 1349-1358.	2.2	20
72	Enhancement of low sampling frequency recordings for ECG biometric matching using interpolation. Computer Methods and Programs in Biomedicine, 2013, 109, 13-25.	2.6	20

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73	Load-sensitive dynamic workflow re-orchestration and optimisation for faster patient healthcare. Computer Methods and Programs in Biomedicine, 2014, 113, 1-14.	2.6	20
74	A New Feature Detection Mechanism and Its Application in Secured ECG Transmission with Noise Masking. Journal of Medical Systems, 2009, 33, 121-132.	2.2	19
75	A Novel Congestion Avoidance Technique for Simultaneous Real-Time Medical Data Transmission. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 669-681.	3.9	19
76	A new ECG obfuscation method: A joint feature extraction & corruption approach. , 2008, , .		18
77	ECG biometric using multilayer perceptron and radial basis function neural networks. , 2011, 2011, 2745-8.		18
78	Protection of electronic health records (EHRs) in cloud. , 2013, 2013, 4191-4.		18
79	Wavelet based steganographic technique to protect household confidential information and seal the transmitted smart grid readings. Information Systems, 2015, 53, 224-236.	2.4	17
80	Privacy Preserving User Based Web Service Recommendations. IEEE Access, 2018, 6, 56647-56657.	2.6	17
81	Collaborative extreme learning machine with a confidence interval for P2P learning in healthcare. Computer Networks, 2019, 149, 127-143.	3.2	17
82	ALICIA: Applied Intelligence in blockchain based VANET: Accident Validation as a Case Study. Information Processing and Management, 2021, 58, 102508.	5.4	17
83	BACC: Blockchain-Based Access Control For Cloud Data. , 2020, , .		17
84	Edge Provisioning and Fairness in VPN-DiffServ Networks. Journal of Network and Systems Management, 2002, 10, 11-37.	3.3	16
85	Cloud-Based Utility Service Framework for Trust Negotiations Using Federated Identity Management. IEEE Transactions on Cloud Computing, 2017, 5, 290-302.	3.1	16
86	Privacyâ€preserving cloudâ€based billing with lightweight homomorphic encryption for sensorâ€enabled smart grid infrastructure. IET Wireless Sensor Systems, 2017, 7, 182-190.	1.3	16
87	Privacy-preserving anomaly detection in the cloud for quality assured decision-making in smart cities. Journal of Parallel and Distributed Computing, 2019, 127, 209-223.	2.7	16
88	BITS: Blockchain based Intelligent Transportation System with Outlier Detection for Smart City. , 2020, , .		16
89	Reversible Biosignal Steganography Approach for Authenticating Biosignals Using Extended Binary Golay Code. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 35-46.	3.9	16
90	An automated patient authentication system for remote telecardiology. , 2008, , .		15

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91	Cardiac abnormalities detection from compressed ECG in wireless telemonitoring using principal components analysis (PCA). , 2009, , .		15
92	A cardiod based technique to identify Cardiovascular Diseases using mobile phones and body sensors. , 2010, 2010, 5500-3.		15
93	Fractal self-similarity measurements based clustering technique for SOAP Web messages. Journal of Parallel and Distributed Computing, 2013, 73, 664-676.	2.7	15
94	Enhancing Availability in Content Delivery Networks for Mobile Platforms. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2247-2257.	4.0	14
95	Fast and peer-to-peer vital signal learning system for cloud-based healthcare. Future Generation Computer Systems, 2018, 88, 220-233.	4.9	14
96	Efficient and Anonymous Authentication for Healthcare Service With Cloud Based WBANs. IEEE Transactions on Services Computing, 2022, 15, 2728-2741.	3.2	14
97	Granular Evaluation of Anomalies in Wireless Sensor Networks Using Dynamic Data Partitioning with an Entropy Criteria. IEEE Transactions on Computers, 2015, 64, 2573-2585.	2.4	13
98	Robust privacy preservation and authenticity of the collected data in cognitive radio networkâ€"Walshâ€"Hadamard based steganographic approach. Pervasive and Mobile Computing, 2015, 22, 58-70.	2.1	13
99	Cost-Effective Authenticated Data Redaction With Privacy Protection in IoT. IEEE Internet of Things Journal, 2021, 8, 11678-11689.	5.5	13
100	A mobile web grid based physiological signal monitoring system. , 2008, , .		12
101	Cooperative Web Caching Using Dynamic Interest-Tagged Filtered Bloom Filters. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2956-2969.	4.0	12
102	ID2S Password-Authenticated Key Exchange Protocols. IEEE Transactions on Computers, 2016, , 1-1.	2.4	12
103	Privacy-Preserving Microservices in Industrial Internet-of-Things-Driven Smart Applications. IEEE Internet of Things Journal, 2023, 10, 2821-2831.	5.5	12
104	A novel wavelet packet-based anti-spoofing technique to secure ECG data. International Journal of Biometrics, 2008, 1, 191.	0.3	11
105	An intelligent healthcare system with data priority based on multi vital biosignals. Computer Methods and Programs in Biomedicine, 2020, 185, 105126.	2.6	11
106	Real-time ECG data transmission with Wavelet Packet Decomposition over wireless networks. , 2008, , .		10
107	Privacy Preserving Location Recommendations. Lecture Notes in Computer Science, 2017, , 502-516.	1.0	10
108	Privacy-preserving location data stream clustering on mobile edge computing and cloud. Information Systems, 2022, 107, 101728.	2.4	10

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109	Social Media Identity Deception Detection. ACM Computing Surveys, 2022, 54, 1-35.	16.1	10
110	A wavelet based secured ECG distribution technique for patient centric cpproach. , 2008, , .		9
111	Diagnosis of cardiovascular abnormalities from compressed ECG: A data mining based approach. , 2009, , .		9
112	Distinguishing between ventricular Tachycardia and Ventricular Fibrillation from compressed ECG signal in wireless Body Sensor Networks. , 2010, 2010, 2013-6.		9
113	An efficient method of biometric matching using interpolated ECG data. , 2010, , .		9
114	An embedded DSP hardware encryption module for secure eâ€commerce transactions. Security and Communication Networks, 2011, 4, 902-909.	1.0	9
115	Person identification in irregular cardiac conditions using electrocardiogram signals. , 2011, 2011, 3772-5.		9
116	Safe trajectory estimation at a pedestrian crossing to assist visually impaired people. , 2012, 2012, 5114-7.		9
117	Resilient to shared spectrum noise scheme for protecting cognitive radio smart grid readings <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" overflow="scroll"><mml:mo>â˜</mml:mo></mml:math> BCH based steganographic approach. Ad Hoc Networks, 2016, 41, 30-46.	3.4	9
118	Reputation-Based Miner Node Selection in Blockchain-Based Vehicular Edge Computing. IEEE Consumer Electronics Magazine, 2021, 10, 14-22.	2.3	9
119	Mobile device assisted remote heart monitoring and Tachycardia prediction. , 2008, , .		8
120	Packet size optimization for congestion control in pervasive healthcare monitoring. , 2010, , .		8
121	Dynamic Fractal Clustering Technique for SOAP Web Messages. , 2011, , .		8
122	Cardioidsâ€based faster authentication and diagnosis of remote cardiovascular patients. Security and Communication Networks, 2011, 4, 1351-1368.	1.0	8
123	Redundancy-aware SOAP messages compression and aggregation for enhanced performance. Journal of Network and Computer Applications, 2012, 35, 365-381.	5.8	8
124	A Framework for Improving the Accuracy of Unsupervised Intrusion Detection for SCADA Systems. , 2013, , .		8
125	Preference based load balancing as an outpatient appointment scheduling aid. , 2013, 2013, 1298-301.		8
126	Location-dependent disclosure risk based decision support framework for persistent authentication in pervasive computing applications. Computer Networks, 2015, 88, 161-177.	3.2	8

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127	Designing Privacy-Preserving Protocols for Content Sharing and Aggregation in Content Centric Networking. IEEE Access, 2018, 6, 42119-42130.	2.6	7
128	Fully Homomorphic based Privacy-Preserving Distributed Expectation Maximization on Cloud. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2668-2681.	4.0	7
129	Compression-based aggregation model for medical Web Services. , 2010, 2010, 6174-7.		6
130	Automatic and Autonomous Load Management in Peer-to-Peer Virtual Environments. IEEE Journal on Selected Areas in Communications, 2013, 31, 310-324.	9.7	6
131	By-Passing Infected Areas in Wireless Sensor Networks using BPR. IEEE Transactions on Computers, 2014, , 1-1.	2.4	6
132	A distributed aggregation and fast fractal clustering approach for SOAP traffic. Journal of Network and Computer Applications, 2014, 41, 1-14.	5.8	6
133	Reliable delay-sensitive spectrum handoff management for re-entrant secondary users. Ad Hoc Networks, 2017, 66, 85-94.	3.4	6
134	Radial Basis Function Network with Differential Privacy. Future Generation Computer Systems, 2022, 127, 473-486.	4.9	6
135	A Framework for Modelling Blockchain based Supply Chain Management System to ensure soundness of Smart Contract Workflow. , 0, , .		6
136	Certificate-Based Anonymous Authentication With Efficient Aggregation for Wireless Medical Sensor Networks. IEEE Internet of Things Journal, 2022, 9, 12209-12218.	5.5	6
137	Cooperative Remote Video Consultation on Demand for e-Patients. Journal of Medical Systems, 2009, 33, 475-483.	2.2	5
138	A new XML-aware compression technique for improving performance of healthcare information systems over hospital networks. , 2010, 2010, 4440-3.		5
139	SOAP Web Services Compression Using Variable and Fixed Length Coding. , 2010, , .		5
140	PileCast: Multiple bit rate live video streaming over BitTorrent. Journal of Network and Computer Applications, 2014, 39, 167-178.	5.8	5
141	Distributed collision control with the integration of packet size for congestion control in wireless sensor networks. Wireless Communications and Mobile Computing, 2016, 16, 59-78.	0.8	5
142	Efficient threshold password-authenticated secret sharing protocols for cloud computing. Journal of Parallel and Distributed Computing, 2019, 128, 57-70.	2.7	5
143	Making Application Layer Multicast Reliable is Feasible. Local Computer Networks (LCN), Proceedings of the IEEE Conference on, 2006, , .	0.0	4
144	Efficient Proxy Selection in Cooperative Web Caching. Networks, 2008 ICON 2008 16th IEEE International Conference on, 2007, , .	0.0	4

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145	Performance Analysis of Optimal Packet Size for Congestion Control in Wireless Sensor Networks. , 2010, , .		4
146	Clustering SOAP Web Services on Internet Computing Using Fast Fractals. , 2011, , .		4
147	Multiplicative Attributes Graph Approach for Persistent Authentication in Single-Sign-On Mobile Systems. , 2014, , .		4
148	GazeRevealer. , 2018, , .		4
149	An Improved Lightweight RFID Authentication Protocol for Internet of Things. Lecture Notes in Computer Science, 2018, , 111-126.	1.0	4
150	Data Mining Technique on Cardioid Graph based ECG Biometric Authentication. , 2011, , .		4
151	Blockchain-Enabled SLA Compliance for Crowdsourced Edge-Based Network Function Virtualization. IEEE Network, 2021, 35, 58-65.	4.9	4
152	QoS-aware Application Layer Multicast. , 2008, , .		3
153	Reducing network load in large-scale, Peer-to-Peer Virtual Environments with 3D Voronoi Diagrams. , 2010, , .		3
154	Load-Balancing Properties of 3D Voronoi Diagrams in Peer-to-Peer Virtual Environments. , 2010, , .		3
155	Turbo-Coded HARQ with Switchable Relaying Mechanism in Single Hop Cooperative Wireless System. , 2011, , .		3
156	Steganography-based access control to medical data hidden in electrocardiogram. , 2013, 2013, 1302-5.		3
157	CluClas: Hybrid clustering-classification approach for accurate and efficient network classification. , 2014, , .		3
158	Multiâ€objective optimisation for selective packet discarding in wireless sensor network. IET Wireless Sensor Systems, 2015, 5, 124-136.	1.3	3
159	Securing Body Sensor Network with ECG. , 2016, , .		3
160	Privacy-preserving aggregation for cooperative spectrum sensing. Journal of Network and Computer Applications, 2019, 140, 54-64.	5.8	3
161	A new privacyâ€preserving authentication protocol for anonymous web browsing. Concurrency Computation Practice and Experience, 2019, 31, e4706.	1.4	3
162	Patient clustering using dynamic partitioning on correlated and uncertain biomedical data. Computer Methods and Programs in Biomedicine, 2020, 190, 105483.	2.6	3

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163	Lightweight privacy preservation for secondary users in cognitive radio networks. Journal of Network and Computer Applications, 2020, 162, 102652.	5.8	3
164	NGL01-5: Reliability Enhanced Large-Scale Application Layer Multicast. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
165	CardioGrid: ECG analysis on demand to detect cardiovascular abnormalities. , 2009, , .		2
166	Dynamic Game-Play Arbitrators with 3D Voronoi Diagrams. , 2010, , .		2
167	Fuzzy logic based load balancing for an online medical consultation system. , 2013, , .		2
168	An ID-based approach to the caching and distribution of peer-to-peer, proxy-based video content. Journal of Network and Computer Applications, 2014, 37, 293-314.	5.8	2
169	Garbled Routing (GR): A generic framework towards unification of anonymous communication systems. Journal of Network and Computer Applications, 2014, 44, 183-195.	5.8	2
170	EdgeSOM: Distributed Hierarchical Edge-driven IoT Data Analytics Framework. Computer Communications, 2021, 172, 64-74.	3.1	2
171	Efficient and Anonymous Authentication for Healthcare Service With Cloud Based WBANs. , 2021, , .		2
172	A Lossless Data-Hiding based IoT Data Authenticity Model in Edge-AI for Connected Living. ACM Transactions on Internet Technology, 2022, 22, 1-25.	3.0	2
173	Delay minimizing cooperative remote video consultation on demand for e-patients. , 2008, , .		1
174	Real-time wearable telecardiology from representative signals. , 2011, 2011, 4967-71.		1
175	Garbled Routing (GR): Towards Unification of Anonymous Networks. , 2013, , .		1
176	Securing Big Data Applications in the Cloud [Guest editors' introduction]. IEEE Cloud Computing, 2014, 1, 24-26.	5.3	1
177	Multi-Binomial mixes: A proposal for secure and efficient anonymous communication. Computer Networks, 2015, 93, 41-53.	3.2	1
178	On the Effectiveness of Relaxation Theory for Controlling High Traffic Volumes in Body Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 16-23.	0.2	1
179	A Novel Privacy Preserving Search Technique for Stego Data in Untrusted Cloud. , 2019, , .		1
180	A Broker-Based Manufacturing Supply Chain Integration with Blockchain: Managing Odoo Workflows Using Hyperledger Fabric Smart Contracts. IFIP Advances in Information and Communication Technology, 2022, , 371-385.	0.5	1

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181	Differentiated internet services. , 1999, , 37-59.		0
182	Realtime physiological condition and location monitoring of street orienteering participants. , 2009, , .		0
183	A scoring based monitoring system for best performers in cardiac rehabilitation. , 2010, , .		0
184	Timely Arbitrator Selection in P2P Virtual Environments with 3D Voronoi Diagrams. , 2011, , .		0
185	Fully peer-to-peer virtual environments with 3D Voronoi diagrams. Computing (Vienna/New York), 2012, 94, 679-700.	3.2	0
186	Turbo-coded HARQ scheme in multi-hop cooperative wireless networks. , 2013, , .		0
187	Prevention of denial-of-service attacks in Garbled Routing (GR) network. , 2013, , .		0
188	kNNVWC: An efficient k-nearest neighbours approach based on Various-Widths Clustering. , 2016, , .		0
189	Determining Anxiety in Obsessive Compulsive Disorder through Behavioural Clustering and Variations in Repetition Intensity. Computer Methods and Programs in Biomedicine, 2018, 160, 65-74.	2.6	0
190	Forward-Secure Edge Authentication for Graphs. Computer Journal, 0, , .	1.5	0
191	Blockchain-Based Manufacturing Supply Chain Management Using HyperLedger Fabric. IFIP Advances in Information and Communication Technology, 2022, , 305-318.	0.5	0