

# Sherali Zeadally

## List of Publications by Year in descending order

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Version: 2024-02-01

223  
papers

17,291  
citations

15466

65  
h-index

16605

123  
g-index

228  
all docs

228  
docs citations

228  
times ranked

14387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy harvesting in wireless sensor networks: A comprehensive review. Renewable and Sustainable Energy Reviews, 2016, 55, 1041-1054.	8.2	915
2	Vehicular ad hoc networks (VANETS): status, results, and challenges. Telecommunication Systems, 2012, 50, 217-241.	1.6	908
3	An Efficient Identity-Based Conditional Privacy-Preserving Authentication Scheme for Vehicular Ad Hoc Networks. IEEE Transactions on Information Forensics and Security, 2015, 10, 2681-2691.	4.5	643
4	A survey on privacy protection in blockchain system. Journal of Network and Computer Applications, 2019, 126, 45-58.	5.8	512
5	Internet of Vehicles: Architecture, Protocols, and Security. IEEE Internet of Things Journal, 2018, 5, 3701-3709.	5.5	435
6	Deploying Fog Computing in Industrial Internet of Things and Industry 4.0. IEEE Transactions on Industrial Informatics, 2018, 14, 4674-4682.	7.2	426
7	Intelligent Device-to-Device Communication in the Internet of Things. IEEE Systems Journal, 2016, 10, 1172-1182.	2.9	422
8	A Survey of Device-to-Device Communications: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 2133-2168.	24.8	402
9	Integration challenges of intelligent transportation systems with connected vehicle, cloud computing, and internet of things technologies. IEEE Wireless Communications, 2015, 22, 122-128.	6.6	353
10	Sensor Technologies for Intelligent Transportation Systems. Sensors, 2018, 18, 1212.	2.1	345
11	Autonomous Cars: Research Results, Issues, and Future Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 1275-1313.	24.8	331
12	Spectrum Assignment in Cognitive Radio Networks: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 1108-1135.	24.8	316
13	Anonymous Authentication for Wireless Body Area Networks With Provable Security. IEEE Systems Journal, 2017, 11, 2590-2601.	2.9	309
14	Offloading in fog computing for IoT: Review, enabling technologies, and research opportunities. Future Generation Computer Systems, 2018, 87, 278-289.	4.9	287
15	5G for Vehicular Communications. , 2018, 56, 111-117.		272
16	Enabling Technologies for Green Internet of Things. IEEE Systems Journal, 2017, 11, 983-994.	2.9	268
17	Lightweight three-factor authentication and key agreement protocol for internet-integrated wireless sensor networks. IEEE Access, 2017, 5, 3376-3392.	2.6	261
18	VANET-cloud: a generic cloud computing model for vehicular Ad Hoc networks. IEEE Wireless Communications, 2015, 22, 96-102.	6.6	256

#	ARTICLE	IF	CITATIONS
19	Smart cities. Communications of the ACM, 2016, 59, 46-57.	3.3	248
20	An Analysis of RFID Authentication Schemes for Internet of Things in Healthcare Environment Using Elliptic Curve Cryptography. IEEE Internet of Things Journal, 2015, 2, 72-83.	5.5	247
21	Blockchain for Internet of Energy management: Review, solutions, and challenges. Computer Communications, 2020, 151, 395-418.	3.1	207
22	Fog computing job scheduling optimization based on bees swarm. Enterprise Information Systems, 2018, 12, 373-397.	3.3	199
23	Internet of Things (IoT): Research, Simulators, and Testbeds. IEEE Internet of Things Journal, 2018, 5, 1637-1647.	5.5	194
24	Authentication protocol for an ambient assisted living system. , 2015, 53, 71-77.		193
25	Certificateless Public Auditing Scheme for Cloud-Assisted Wireless Body Area Networks. IEEE Systems Journal, 2018, 12, 64-73.	2.9	190
26	Critical infrastructure protection: Requirements and challenges for the 21st century. International Journal of Critical Infrastructure Protection, 2015, 8, 53-66.	2.9	183
27	Fog Computing Architecture, Evaluation, and Future Research Directions. , 2018, 56, 46-52.		173
28	Security attacks and solutions for vehicular ad hoc networks. IET Communications, 2010, 4, 894.	1.5	166
29	Efficient and Privacy-Preserving Data Aggregation Scheme for Smart Grid Against Internal Adversaries. IEEE Transactions on Smart Grid, 2017, 8, 2411-2419.	6.2	165
30	Lightweight Blockchain for Healthcare. IEEE Access, 2019, 7, 149935-149951.	2.6	161
31	A survey on computation offloading modeling for edge computing. Journal of Network and Computer Applications, 2020, 169, 102781.	5.8	160
32	Efficient and Anonymous Mobile User Authentication Protocol Using Self-Certified Public Key Cryptography for Multi-Server Architectures. IEEE Transactions on Information Forensics and Security, 2016, 11, 2052-2064.	4.5	157
33	Certificateless Public Key Authenticated Encryption With Keyword Search for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2018, 14, 3618-3627.	7.2	155
34	IoT technologies for smart cities. IET Networks, 2018, 7, 1-13.	1.1	152
35	BPAS: Blockchain-Assisted Privacy-Preserving Authentication System for Vehicular Ad Hoc Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 4146-4155.	7.2	150
36	Design architectures for energy harvesting in the Internet of Things. Renewable and Sustainable Energy Reviews, 2020, 128, 109901.	8.2	150

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37	Machine learning and data analytics for the IoT. <i>Neural Computing and Applications</i> , 2020, 32, 16205-16233.	3.2	144
38	Survey of media access control protocols for vehicular ad hoc networks. <i>IET Communications</i> , 2011, 5, 1619-1631.	1.5	143
39	Mobile cloud computing: Challenges and future research directions. <i>Journal of Network and Computer Applications</i> , 2018, 115, 70-85.	5.8	140
40	Trust management of services in cloud environments. <i>ACM Computing Surveys</i> , 2013, 46, 1-30.	16.1	136
41	Cybersecurity and Privacy Solutions in Smart Cities. , 2017, 55, 51-59.		131
42	Taxonomy and analysis of security protocols for Internet of Things. <i>Future Generation Computer Systems</i> , 2018, 89, 110-125.	4.9	130
43	Enabling Next-Generation RFID Applications: Solutions and Challenges. <i>Computer</i> , 2008, 41, 21-28.	1.2	124
44	Millimeter-Wave Communication for Internet of Vehicles: Status, Challenges, and Perspectives. <i>IEEE Internet of Things Journal</i> , 2020, 7, 8525-8546.	5.5	124
45	Cross-Layer Support for Energy Efficient Routing in Wireless Sensor Networks. <i>Journal of Sensors</i> , 2009, 2009, 1-9.	0.6	123
46	Energy Harvesting Techniques for Internet of Things (IoT). <i>IEEE Access</i> , 2021, 9, 39530-39549.	2.6	119
47	Fog Computing for 5G Tactile Industrial Internet of Things: QoE-Aware Resource Allocation Model. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 3085-3092.	7.2	117
48	Harnessing Artificial Intelligence Capabilities to Improve Cybersecurity. <i>IEEE Access</i> , 2020, 8, 23817-23837.	2.6	108
49	Trust in VANET: A Survey of Current Solutions and Future Research Opportunities. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 2553-2571.	4.7	107
50	Handling big data: research challenges and future directions. <i>Journal of Supercomputing</i> , 2016, 72, 1494-1516.	2.4	103
51	Network layer inter-operation of Device-to-Device communication technologies in Internet of Things (IoT). <i>Ad Hoc Networks</i> , 2017, 57, 52-62.	3.4	103
52	Data collection using unmanned aerial vehicles for Internet of Things platforms. <i>Computers and Electrical Engineering</i> , 2019, 75, 1-15.	3.0	101
53	Mobility management across hybrid wireless networks: Trends and challenges. <i>Computer Communications</i> , 2006, 29, 1363-1385.	3.1	94
54	Securing Internet of Things with Software Defined Networking. <i>IEEE Communications Magazine</i> , 2018, 56, 186-192.	4.9	94

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55	Integration of VANET and 5G Security: A review of design and implementation issues. Future Generation Computer Systems, 2019, 101, 843-864.	4.9	92
56	A Lightweight ECC-Based Authentication Scheme for Internet of Things (IoT). IEEE Systems Journal, 2020, 14, 3440-3450.	2.9	92
57	Energy-efficient networking: past, present, and future. Journal of Supercomputing, 2012, 62, 1093-1118.	2.4	89
58	Online deception in social media. Communications of the ACM, 2014, 57, 72-80.	3.3	89
59	MASM: A Multiple-Algorithm Service Model for Energy-Delay Optimization in Edge Artificial Intelligence. IEEE Transactions on Industrial Informatics, 2019, 15, 4216-4224.	7.2	86
60	Multiple Account Identity Deception Detection in Social Media Using Nonverbal Behavior. IEEE Transactions on Information Forensics and Security, 2014, 9, 1311-1321.	4.5	83
61	Physical Layer Security for the Smart Grid: Vulnerabilities, Threats, and Countermeasures. IEEE Transactions on Industrial Informatics, 2019, 15, 6522-6530.	7.2	83
62	Towards Privacy Protection in Smart Grid. Wireless Personal Communications, 2013, 73, 23-50.	1.8	79
63	A Novel Distributed Sensor Positioning System Using the Dual of Target Tracking. IEEE Transactions on Computers, 2008, 57, 246-260.	2.4	77
64	Smart healthcare. PSU Research Review, 2019, 4, 149-168.	1.3	75
65	Toward efficient smartification of the Internet of Things (IoT) services. Future Generation Computer Systems, 2019, 92, 663-673.	4.9	75
66	Artificial Intelligence-Based Sensors for Next Generation IoT Applications: A Review. IEEE Sensors Journal, 2021, 21, 24920-24932.	2.4	75
67	Sustainable Transportation Management System for a Fleet of Electric Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1401-1414.	4.7	72
68	A seven-layered model architecture for Internet of Vehicles. Journal of Information and Telecommunication, 2017, 1, 4-22.	2.2	71
69	A tutorial survey on vehicle-to-vehicle communications. Telecommunication Systems, 2020, 73, 469-489.	1.6	71
70	Data analytics for Cooperative Intelligent Transport Systems. Vehicular Communications, 2019, 15, 63-72.	2.7	69
71	Certificateless Provable Data Possession Scheme for Cloud-Based Smart Grid Data Management Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 1232-1241.	7.2	67
72	Anonymous biometrics-based authentication scheme with key distribution for mobile multi-server environment. Future Generation Computer Systems, 2018, 84, 239-251.	4.9	67

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73	An adaptive cross-layer mapping algorithm for MPEG-4 video transmission over IEEE 802.11e WLAN. Telecommunication Systems, 2009, 42, 223-234.	1.6	64
74	Cryptographic technologies and protocol standards for Internet of Things. Internet of Things (Netherlands), 2021, 14, 100075.	4.9	64
75	Ransomware behavioural analysis on windows platforms. Journal of Information Security and Applications, 2018, 40, 44-51.	1.8	60
76	Ideal Lattice-Based Anonymous Authentication Protocol for Mobile Devices. IEEE Systems Journal, 2019, 13, 2775-2785.	2.9	59
77	Internet Protocol Television (IPTV): Architecture, Trends, and Challenges. IEEE Systems Journal, 2011, 5, 518-527.	2.9	57
78	Harnessing the power of Internet of Things based connectivity to improve healthcare. Internet of Things (Netherlands), 2021, 14, 100074.	4.9	56
79	Lattice-Based Public Key Cryptosystem for Internet of Things Environment: Challenges and Solutions. IEEE Internet of Things Journal, 2019, 6, 4897-4909.	5.5	54
80	Securing Internet of Things (IoT) with machine learning. International Journal of Communication Systems, 2020, 33, e4169.	1.6	50
81	Solving vehicular <i>ad hoc</i> network challenges with Big Data solutions. IET Networks, 2016, 5, 81-84.	1.1	45
82	Security Attacks and Solutions in Electronic Health (E-health) Systems. Journal of Medical Systems, 2016, 40, 263.	2.2	45
83	Wireless energy harvesting: Empirical results and practical considerations for Internet of Things. Journal of Network and Computer Applications, 2018, 121, 149-158.	5.8	45
84	Wireless multimedia delivery over 802.11e with cross-layer optimization techniques. Multimedia Tools and Applications, 2010, 47, 189-205.	2.6	42
85	RFID enabled traceability networks: a survey. Distributed and Parallel Databases, 2011, 29, 397-443.	1.0	42
86	Privacy Issues and Solutions for Consumer Wearables. IT Professional, 2018, 20, 46-56.	1.4	42
87	Blockchain: Trends and future opportunities. Internet Technology Letters, 2019, 2, e130.	1.4	42
88	Security issues in implantable medical devices: Fact or fiction?. Sustainable Cities and Society, 2021, 66, 102552.	5.1	41
89	Task offloading in edge computing for machine learning-based smart healthcare. Computer Networks, 2021, 191, 108019.	3.2	41
90	Recent Advances in Wearable Sensing Technologies. Sensors, 2021, 21, 6828.	2.1	41

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91	25 Years of Bluetooth Technology. Future Internet, 2019, 11, 194.	2.4	40
92	Survey on Artificial Intelligence (AI) techniques for Vehicular Ad-hoc Networks (VANETs). Vehicular Communications, 2022, 34, 100403.	2.7	40
93	Ubiquitous RFID: Where are we?. Information Systems Frontiers, 2010, 12, 485-490.	4.1	39
94	Performance comparison of media access control protocols for vehicular ad hoc networks. IET Networks, 2012, 1, 10-19.	1.1	38
95	A Survey on Long-Range Wide-Area Network Technology Optimizations. IEEE Access, 2021, 9, 106079-106106.	2.6	38
96	Vehicular Ad-hoc Networks (VANETs): Architecture, Protocols and Applications. Computer Communications and Networks, 2013, , 49-70.	0.8	37
97	Blockchain-Based Cyber-Physical Security for Electrical Vehicle Aided Smart Grid Ecosystem. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5178-5189.	4.7	37
98	A lightweight secure mobile Payment protocol for vehicular ad-hoc networks (VANETs). Electronic Commerce Research, 2012, 12, 97-123.	3.0	35
99	Smart Grid Privacy: Issues and Solutions. , 2012, , .		34
100	Energy-efficient Workload Allocation and Computation Resource Configuration in Distributed Cloud/Edge Computing Systems With Stochastic Workloads. IEEE Journal on Selected Areas in Communications, 2020, 38, 1118-1132.	9.7	33
101	Multimedia applications over metropolitan area networks (MANs). Journal of Network and Computer Applications, 2011, 34, 1518-1529.	5.8	32
102	Lightweight authentication protocols for wearable devices. Computers and Electrical Engineering, 2017, 63, 196-208.	3.0	32
103	An Intelligent Terminal Based Privacy-Preserving Multi-Modal Implicit Authentication Protocol for Internet of Connected Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3939-3951.	4.7	31
104	Medical Sensors and Their Integration in Wireless Body Area Networks for Pervasive Healthcare Delivery: A Review. IEEE Sensors Journal, 2022, 22, 3860-3877.	2.4	31
105	Privacy aware IOTA ledger: Decentralized mixing and unlinkable IOTA transactions. Computer Networks, 2019, 148, 361-372.	3.2	30
106	Intelligent and Secure Clustering in Wireless Sensor Network (WSN)-Based Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13473-13481.	4.7	30
107	Quality of service models for heterogeneous networks: overview and challenges. Annales Des Telecommunications/Annals of Telecommunications, 2008, 63, 639-668.	1.6	29
108	An Empirical Analysis of Handoff Performance for SIP, Mobile IP, and SCTP Protocols. Wireless Personal Communications, 2007, 43, 589-603.	1.8	28

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109	Interference-Aided Vehicular Networks: Future Research Opportunities and Challenges. IEEE Communications Magazine, 2018, 56, 36-42.	4.9	28
110	Efficient Task Scheduling With Stochastic Delay Cost in Mobile Edge Computing. IEEE Communications Letters, 2019, 23, 4-7.	2.5	28
111	Cyber-Physical Cloud Manufacturing Systems With Digital Twins. IEEE Internet Computing, 2022, 26, 15-21.	3.2	28
112	Energy-aware sensor node relocation in mobile sensor networks. Ad Hoc Networks, 2014, 16, 247-265.	3.4	27
113	Analysis of Security Protocols for Mobile Healthcare. Journal of Medical Systems, 2016, 40, 229.	2.2	27
114	Lifespan and propagation of information in On-line Social Networks: A case study based on Reddit. Journal of Network and Computer Applications, 2015, 56, 88-100.	5.8	26
115	SecBCS: a secure and privacy-preserving blockchain-based crowdsourcing system. Science China Information Sciences, 2020, 63, 1.	2.7	26
116	Efficient Mining Cluster Selection for Blockchain-Based Cellular V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4064-4072.	4.7	26
117	Deep learning support for intelligent transportation systems. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4169.	2.6	26
118	A blockchain-based certificate revocation management and status verification system. Computers and Security, 2021, 104, 102209.	4.0	24
119	Survey on smart homes: Vulnerabilities, risks, and countermeasures. Computers and Security, 2022, 117, 102677.	4.0	24
120	Modeling Object Flows from Distributed and Federated RFID Data Streams for Efficient Tracking and Tracing. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2036-2045.	4.0	22
121	Anonymous and Efficient Message Authentication Scheme for Smart Grid. Security and Communication Networks, 2019, 2019, 1-12.	1.0	22
122	Curbing Address Reuse in the IOTA Distributed Ledger: A Cuckoo-Filter-Based Approach. IEEE Transactions on Engineering Management, 2020, 67, 1244-1255.	2.4	22
123	On-Demand Sensing and Wireless Power Transfer for Self-Sustainable Industrial Internet of Things Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 7075-7084.	7.2	22
124	Secure and lightweight communication in heterogeneous IoT environments. Internet of Things (Netherlands), 2021, 14, 100093.	4.9	22
125	Healthcare Insurance Frauds: Taxonomy and Blockchain-Based Detection Framework (Block-HI). IT Professional, 2021, 23, 36-43.	1.4	22
126	Secure and privacy-preserving crowdsensing using smart contracts: Issues and solutions. Computer Science Review, 2022, 43, 100450.	10.2	22



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127	Recent advances in multimedia networking. <i>Multimedia Tools and Applications</i> , 2011, 54, 635-647.	2.6	21
128	A review and an empirical analysis of privacy policy and notices for consumer Internet of things. <i>Security and Privacy</i> , 2018, 1, e15.	1.9	21
129	Dual-Server Public-Key Authenticated Encryption with Keyword Search. <i>IEEE Transactions on Cloud Computing</i> , 2022, 10, 322-333.	3.1	21
130	Energy-efficient beaconless geographic routing in energy harvested wireless sensor networks. <i>Concurrency Computation Practice and Experience</i> , 2013, 25, 58-84.	1.4	20
131	A real-time video quality estimator for emerging wireless multimedia systems. <i>Wireless Networks</i> , 2014, 20, 1759-1776.	2.0	20
132	An analysis of energy consumption and carbon footprints of cryptocurrencies and possible solutions. <i>Digital Communications and Networks</i> , 2023, 9, 79-89.	2.7	20
133	TMS-RFID: Temporal management of large-scale RFID applications. <i>Information Systems Frontiers</i> , 2011, 13, 481-500.	4.1	19
134	Detecting Insider Threats: Solutions and Trends. <i>Information Security Journal</i> , 2012, 21, 183-192.	1.3	19
135	Trust-based security adaptation mechanism for Vehicular Sensor Networks. <i>Computer Networks</i> , 2018, 137, 27-36.	3.2	19
136	Performance Evaluation of Energy-Autonomous Sensors Using Power-Harvesting Beacons for Environmental Monitoring in Internet of Things (IoT). <i>Sensors</i> , 2018, 18, 1709.	2.1	19
137	Implementation and performance evaluation of a payment protocol for vehicular ad hoc networks. <i>Electronic Commerce Research</i> , 2010, 10, 209-233.	3.0	18
138	Detecting and Preventing Online Identity Deception in Social Networking Services. <i>IEEE Internet Computing</i> , 2015, 19, 41-49.	3.2	18
139	ElectroBlocks: A blockchain-based energy trading scheme for smart grid systems. <i>International Journal of Communication Systems</i> , 2020, 33, e4547.	1.6	18
140	Blockchain-Based Data Dissemination Scheme for 5G-Enabled Software-Defined UAV Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 1712-1721.	3.5	18
141	Bystanders' Privacy. <i>IT Professional</i> , 2017, 19, 61-65.	1.4	18
142	Edge Computing-Enabled Internet of Vehicles: Towards Federated Learning Empowered Scheduling. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 10088-10103.	3.9	17
143	Achieving Quality of Service (QoS) Using Resource Allocation and Adaptive Scheduling in Cloud Computing with Grid Support. <i>Computer Journal</i> , 2014, 57, 281-290.	1.5	16
144	RepGuide: Reputation-Based Route Guidance Using Internet of Vehicles. <i>IEEE Communications Standards Magazine</i> , 2018, 2, 81-87.	3.6	16

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145	Fast Handover over Micro-MPLS-Based Wireless Networks. , 2006, , .		15
146	Adaptive priority-aware LoRaWAN resource allocation for Internet of Things applications. Ad Hoc Networks, 2021, 122, 102598.	3.4	15
147	Artificial Intelligence Best Practices in Smart Agriculture. IEEE Micro, 2022, 42, 17-24.	1.8	15
148	Investigating Security for Ubiquitous Sensor Networks. Procedia Computer Science, 2017, 109, 737-744.	1.2	14
149	GSTR: Secure multi-hop message dissemination in connected vehicles using social trust model. Internet of Things (Netherlands), 2019, 7, 100071.	4.9	14
150	SCTP Multihoming Support for Handoffs across Heterogeneous Networks. , 0, , .		13
151	Autonomous Cars: Social and Economic Implications. IT Professional, 2018, 20, 70-77.	1.4	13
152	A closed-loop control architecture of UAV and WSN for traffic surveillance on highways. Computer Communications, 2022, 190, 78-86.	3.1	13
153	Crowd social media computing: Applying crowd computing techniques to social media. Applied Soft Computing Journal, 2018, 66, 495-505.	4.1	12
154	Data Security in the Smart Grid Environment. , 2019, , 371-395.		12
155	Blockchain-Based Solution for Detecting and Preventing Fake Check Scams. IEEE Transactions on Engineering Management, 2022, 69, 3710-3725.	2.4	12
156	Modeling Influence with Semantics in Social Networks. ACM Computing Surveys, 2021, 53, 1-38.	16.1	12
157	Design, implementation, and performance analysis of a secure payment protocol in a payment gateway centric model. Computing (Vienna/New York), 2014, 96, 587-611.	3.2	11
158	A ReRAM Physically Unclonable Function (ReRAM PUF)-Based Approach to Enhance Authentication Security in Software Defined Wireless Networks. International Journal of Wireless Information Networks, 2018, 25, 117-129.	1.8	11
159	FacePET: Enhancing Bystandersâ€™ Facial Privacy with Smart Wearables/Internet of Things. Electronics (Switzerland), 2018, 7, 379.	1.8	11
160	Efficient and Provably Secure Distributed Signing Protocol for Mobile Devices in Wireless Networks. IEEE Internet of Things Journal, 2018, 5, 5271-5280.	5.5	11
161	Privacy-preserving auditing scheme for shared data in public clouds. Journal of Supercomputing, 2018, 74, 6156-6183.	2.4	11
162	Self-Adaptation Techniques in Cyber-Physical Systems (CPSs). IEEE Access, 2019, 7, 171126-171139.	2.6	11

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163	Framework for determining the suitability of blockchain: Criteria and issues to consider. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4334.	2.6	11
164	A Novel Pause Count Backoff Algorithm for Channel Access in IEEE 802.11 Based Wireless LANs. , 2008, , .		10
165	Key management solutions in the smart grid environment. , 2013, , .		10
166	US Policy on Active Cyber Defense. Journal of Homeland Security and Emergency Management, 2014, 11, .	0.2	10
167	Flexible architecture for cluster evolution in cloud computing. Computers and Electrical Engineering, 2015, 42, 90-106.	3.0	10
168	Design and evaluation of a novel hierarchical trust assessment approach for vehicular networks. Vehicular Communications, 2020, 24, 100227.	2.7	10
169	Vehicle-Life Interaction in Fog-Enabled Smart Connected and Autonomous Vehicles. IEEE Access, 2021, 9, 7402-7420.	2.6	10
170	An IoT-Based Prediction Technique for Efficient Energy Consumption in Buildings. IEEE Transactions on Green Communications and Networking, 2021, 5, 2076-2088.	3.5	10
171	A Communication Architecture for Crowd Management in Emergency and Disruptive Scenarios. IEEE Communications Magazine, 2019, 57, 54-60.	4.9	9
172	Editorial: Cloud computing service and architecture models. Information Sciences, 2014, 258, 353-354.	4.0	8
173	Attribute-based authorization for structured Peer-to-Peer (P2P) networks. Computer Standards and Interfaces, 2015, 42, 71-83.	3.8	8
174	A secure enhanced privacy-preserving key agreement protocol for wireless mobile networks. Telecommunication Systems, 2018, 69, 431-445.	1.6	8
175	Provably secure identity-based two-party authenticated key agreement protocol based on CBI-ISIS and Bi-ISIS problems on lattices. Journal of Information Security and Applications, 2020, 54, 102540.	1.8	8
176	Secure Transmission in Cellular V2X Communications Using Deep Q-Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17167-17176.	4.7	8
177	A Bio-Inspired Quality of Service (QoS) Routing Algorithm. IEEE Communications Letters, 2011, 15, 1016-1018.	2.5	7
178	Cybersecurity and US Legislative Efforts to address Cybercrime. Journal of Homeland Security and Emergency Management, 2013, 10, .	0.2	7
179	PEAR. , 2017, , .		7
180	An empirical investigation of botnet as a service for cyberattacks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3537.	2.6	7

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181	A User Study of a Wearable System to Enhance Bystandersâ€™ Facial Privacy. IoT, 2020, 1, 198-217.	2.3	7
182	Blockchain-based Data Sharing System for Sensing-as-a-Service in Smart Cities. ACM Transactions on Internet Technology, 2021, 21, 1-21.	3.0	7
183	Edge-centric trust management in vehicular networks. Microprocessors and Microsystems, 2021, 84, 104271.	1.8	7
184	Evaluation of an Adaptive Resource Allocation for LoRaWAN. Journal of Signal Processing Systems, 2022, 94, 65-79.	1.4	7
185	Is it Really Easy to Detect Sybil Attacks in C-ITS Environments: A Position Paper. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 18273-18287.	4.7	7
186	Improving Trust and Privacy Models in Social Networks. , 2012, , .		6
187	Impact of neighbor awareness at the MAC layer in a Vehicular Ad-Hoc Network (VANET). , 2013, , .		6
188	Reliability, failure detection and prevention in cyber-physical systems (CPSs) with agents. Concurrency Computation Practice and Experience, 2019, 31, e4481.	1.4	6
189	Multi-utility framework: blockchain exchange platform for sustainable development. International Journal of Pervasive Computing and Communications, 2022, 18, 388-406.	1.1	6
190	Approaches for Fake Content Detection: Strengths and Weaknesses to Adversarial Attacks. IEEE Internet Computing, 2021, 25, 73-83.	3.2	6
191	Temperature-aware routing protocol for Intrabody Nanonetworks. Journal of Network and Computer Applications, 2021, 183-184, 103057.	5.8	6
192	A Cross-Layer Design for H.264 Video Stream Over Wireless Local Area Networks. , 2008, , .		5
193	Autonomous Cars: Challenges and Opportunities. IT Professional, 2019, 21, 6-13.	1.4	5
194	A Novel Distributed Authentication Framework for Single Sign-On Services. , 2008, , .		4
195	Guest editorial: Advances in RFID technology. Information Systems Frontiers, 2010, 12, 481-483.	4.1	4
196	Vulnerabilities to Online Social Network Identity Deception Detection Research and Recommendations for Mitigation. Future Internet, 2020, 12, 148.	2.4	4
197	Blockchain-based public ecosystem for auditing security of software applications. Computing (Vienna/New York), 2021, 103, 2643-2665.	3.2	4
198	Introduction to the Special Section on Network Science for Internet of Things (IoT). IEEE Transactions on Network Science and Engineering, 2020, 7, 237-238.	4.1	4

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