

Xiaojiang Du

List of Publications by Year in descending order

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425
papers

15,842
citations

25034

57
h-index

26613

107
g-index

426
all docs

426
docs citations

426
times ranked

10956
citing authors

#	ARTICLE	IF	CITATIONS
1	MeDShare: Trust-Less Medical Data Sharing Among Cloud Service Providers via Blockchain. IEEE Access, 2017, 5, 14757-14767.	4.2	834
2	A Survey of Machine and Deep Learning Methods for Internet of Things (IoT) Security. IEEE Communications Surveys and Tutorials, 2020, 22, 1646-1685.	39.4	576
3	A survey of key management schemes in wireless sensor networks. Computer Communications, 2007, 30, 2314-2341.	5.1	490
4	An effective key management scheme for heterogeneous sensor networks. Ad Hoc Networks, 2007, 5, 24-34.	5.5	427
5	Privacy-Preserving and Efficient Aggregation Based on Blockchain for Power Grid Communications in Smart Communities. IEEE Communications Magazine, 2018, 56, 82-88.	6.1	344
6	Transactions papers a routing-driven Elliptic Curve Cryptography based key management scheme for Heterogeneous Sensor Networks. IEEE Transactions on Wireless Communications, 2009, 8, 1223-1229.	9.2	321
7	Privacy-Preserving Support Vector Machine Training Over Blockchain-Based Encrypted IoT Data in Smart Cities. IEEE Internet of Things Journal, 2019, 6, 7702-7712.	8.7	313
8	Security in wireless sensor networks. IEEE Wireless Communications, 2008, 15, 60-66.	9.0	297
9	CorrAUC: A Malicious Bot-IoT Traffic Detection Method in IoT Network Using Machine-Learning Techniques. IEEE Internet of Things Journal, 2021, 8, 3242-3254.	8.7	296
10	Timing Channel in IaaS: How to Identify and Investigate. IEEE Access, 2019, 7, 1-11.	4.2	286
11	Internet Protocol Television (IPTV): The Killer Application for the Next-Generation Internet. , 2007, 45, 126-134.		262
12	Selection of effective machine learning algorithm and Bot-IoT attacks traffic identification for internet of things in smart city. Future Generation Computer Systems, 2020, 107, 433-442.	7.5	256
13	A Distributed Deep Learning System for Web Attack Detection on Edge Devices. IEEE Transactions on Industrial Informatics, 2020, 16, 1963-1971.	11.3	234
14	From IoT to 5G I-IoT: The Next Generation IoT-Based Intelligent Algorithms and 5G Technologies. IEEE Communications Magazine, 2018, 56, 114-120.	6.1	231
15	Blockchain-Assisted Secure Device Authentication for Cross-Domain Industrial IoT. IEEE Journal on Selected Areas in Communications, 2020, 38, 942-954.	14.0	201
16	Achieving Efficient and Secure Data Acquisition for Cloud-Supported Internet of Things in Smart Grid. IEEE Internet of Things Journal, 2017, 4, 1934-1944.	8.7	198
17	Security in Mobile Edge Caching with Reinforcement Learning. IEEE Wireless Communications, 2018, 25, 116-122.	9.0	188
18	Multiple Moving Targets Surveillance Based on a Cooperative Network for Multi-UAV. IEEE Communications Magazine, 2018, 56, 82-89.	6.1	180

#	ARTICLE	IF	CITATIONS
19	Real-Time Lateral Movement Detection Based on Evidence Reasoning Network for Edge Computing Environment. IEEE Transactions on Industrial Informatics, 2019, 15, 4285-4294.	11.3	167
20	IoT malicious traffic identification using wrapper-based feature selection mechanisms. Computers and Security, 2020, 94, 101863.	6.0	165
21	Cloud-Based Malware Detection Game for Mobile Devices with Offloading. IEEE Transactions on Mobile Computing, 2017, 16, 2742-2750.	5.8	161
22	A Lightweight Multicast Authentication Mechanism for Small Scale IoT Applications. IEEE Sensors Journal, 2013, 13, 3693-3701.	4.7	160
23	Evaluating Reputation Management Schemes of Internet of Vehicles Based on Evolutionary Game Theory. IEEE Transactions on Vehicular Technology, 2019, 68, 5971-5980.	6.3	148
24	A Blockchain-SDN-Enabled Internet of Vehicles Environment for Fog Computing and 5G Networks. IEEE Internet of Things Journal, 2020, 7, 4278-4291.	8.7	147
25	Privacy-Preserving Image Retrieval for Medical IoT Systems: A Blockchain-Based Approach. IEEE Network, 2019, 33, 27-33.	6.9	140
26	When Energy Trading Meets Blockchain in Electrical Power System: The State of the Art. Applied Sciences (Switzerland), 2019, 9, 1561.	2.5	140
27	BPDS: A Blockchain Based Privacy-Preserving Data Sharing for Electronic Medical Records. , 2018, , .		136
28	Cloud-Based Approximate Constrained Shortest Distance Queries Over Encrypted Graphs With Privacy Protection. IEEE Transactions on Information Forensics and Security, 2018, 13, 940-953.	6.9	134
29	Consortium Blockchain-Based Malware Detection in Mobile Devices. IEEE Access, 2018, 6, 12118-12128.	4.2	132
30	Cognitive femtocell networks: an opportunistic spectrum access for future indoor wireless coverage. IEEE Wireless Communications, 2013, 20, 44-51.	9.0	129
31	Toward Vehicle-Assisted Cloud Computing for Smartphones. IEEE Transactions on Vehicular Technology, 2015, 64, 5610-5618.	6.3	128
32	A data-driven method for future Internet route decision modeling. Future Generation Computer Systems, 2019, 95, 212-220.	7.5	119
33	Cooperative Communications With Relay Selection Based on Deep Reinforcement Learning in Wireless Sensor Networks. IEEE Sensors Journal, 2019, 19, 9561-9569.	4.7	117
34	Provably efficient algorithms for joint placement and allocation of virtual network functions. , 2017, , .		107
35	Toward Privacy and Regulation in Blockchain-Based Cryptocurrencies. IEEE Network, 2019, 33, 111-117.	6.9	104
36	An Out-of-band Authentication Scheme for Internet of Things Using Blockchain Technology. , 2018, , .		102

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37	Accurate Decentralized Application Identification via Encrypted Traffic Analysis Using Graph Neural Networks. IEEE Transactions on Information Forensics and Security, 2021, 16, 2367-2380.	6.9	99
38	Secure and Optimized Load Balancing for Multitier IoT and Edge-Cloud Computing Systems. IEEE Internet of Things Journal, 2021, 8, 8119-8132.	8.7	98
39	Privacy-Preserving DDoS Attack Detection Using Cross-Domain Traffic in Software Defined Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 628-643.	14.0	93
40	Efficient attribute-based encryption with attribute revocation for assured data deletion. Information Sciences, 2019, 479, 640-650.	6.9	93
41	Achieving Efficient Detection Against False Data Injection Attacks in Smart Grid. IEEE Access, 2017, 5, 13787-13798.	4.2	90
42	Effective Defense Schemes for Phishing Attacks on Mobile Computing Platforms. IEEE Transactions on Vehicular Technology, 2016, 65, 6678-6691.	6.3	89
43	Energy-efficient and traffic-aware service function chaining orchestration in multi-domain networks. Future Generation Computer Systems, 2019, 91, 347-360.	7.5	89
44	Blockchain-Based Incentives for Secure and Collaborative Data Sharing in Multiple Clouds. IEEE Journal on Selected Areas in Communications, 2020, 38, 1229-1241.	14.0	89
45	Maintaining Differentiated Coverage in Heterogeneous Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	87
46	A lightweight live memory forensic approach based on hardware virtualization. Information Sciences, 2017, 379, 23-41.	6.9	85
47	A detection method for a novel DDoS attack against SDN controllers by vast new low-traffic flows. , 2016, , .		84
48	Two Tier Secure Routing Protocol for Heterogeneous Sensor Networks. IEEE Transactions on Wireless Communications, 2007, 6, 3395-3401.	9.2	81
49	File-Centric Multi-Key Aggregate Keyword Searchable Encryption for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2018, 14, 3648-3658.	11.3	81
50	Defending Resource Depletion Attacks on Implantable Medical Devices. , 2010, , .		80
51	Permission-combination-based scheme for Android mobile malware detection. , 2014, , .		77
52	Secure and Efficient Time Synchronization in Heterogeneous Sensor Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 2387-2394.	6.3	74
53	Towards secure and efficient energy trading in IIoT-enabled energy internet: A blockchain approach. Future Generation Computer Systems, 2020, 110, 686-695.	7.5	71
54	Collaborative Intrusion Detection for VANETs: A Deep Learning-Based Distributed SDN Approach. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4519-4530.	8.0	71

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55	Intelligent Cognitive Radio in 5G: AI-Based Hierarchical Cognitive Cellular Networks. IEEE Wireless Communications, 2019, 26, 54-61.	9.0	68
56	Building Redactable Consortium Blockchain for Industrial Internet-of-Things. IEEE Transactions on Industrial Informatics, 2019, 15, 3670-3679.	11.3	67
57	Energy-Efficient Resource Allocation for Heterogeneous Services in OFDMA Downlink Networks: Systematic Perspective. IEEE Transactions on Vehicular Technology, 2014, 63, 2071-2082.	6.3	66
58	Assured Data Deletion With Fine-Grained Access Control for Fog-Based Industrial Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 4538-4547.	11.3	66
59	Blockchain-Enhanced High-Confidence Energy Sharing in Internet of Electric Vehicles. IEEE Internet of Things Journal, 2020, 7, 7868-7882.	8.7	66
60	Interference management for heterogeneous networks with spectral efficiency improvement. IEEE Wireless Communications, 2015, 22, 101-107.	9.0	65
61	Bus-Trajectory-Based Street-Centric Routing for Message Delivery in Urban Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7550-7563.	6.3	65
62	Content-based multi-source encrypted image retrieval in clouds with privacy preservation. Future Generation Computer Systems, 2020, 109, 621-632.	7.5	65
63	Stream-based cipher feedback mode in wireless error channel. IEEE Transactions on Wireless Communications, 2009, 8, 622-626.	9.2	64
64	Secure Phrase Search for Intelligent Processing of Encrypted Data in Cloud-Based IoT. IEEE Internet of Things Journal, 2019, 6, 1998-2008.	8.7	62
65	V2V Routing in a VANET Based on the Autoregressive Integrated Moving Average Model. IEEE Transactions on Vehicular Technology, 2019, 68, 908-922.	6.3	61
66	PIPAC: Patient infusion pattern based access control scheme for wireless insulin pump system. , 2013, , .		60
67	Improved Dota2 lineup recommendation model based on a bidirectional LSTM. Tsinghua Science and Technology, 2020, 25, 712-720.	6.1	59
68	Privacy-Preserving Authentication and Data Aggregation for Fog-Based Smart Grid. IEEE Communications Magazine, 2019, 57, 80-85.	6.1	58
69	Security and privacy preservation in fog-based crowd sensing on the internet of vehicles. Journal of Network and Computer Applications, 2019, 134, 89-99.	9.1	58
70	Achieving big data privacy via hybrid cloud. , 2014, , .		56
71	Prometheus: Privacy-aware data retrieval on hybrid cloud. , 2013, , .		55
72	Blockchain-Based Anonymous Authentication With Selective Revocation for Smart Industrial Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 3290-3300.	11.3	55

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73	Self-healing sensor networks with distributed decision making. International Journal of Sensor Networks, 2007, 2, 289.	0.4	53
74	Optimizing Feature Selection for Efficient Encrypted Traffic Classification: A Systematic Approach. IEEE Network, 2020, 34, 20-27.	6.9	52
75	QoS routing based on multi-class nodes for mobile ad hoc networks. Ad Hoc Networks, 2004, 2, 241-254.	5.5	51
76	Security threats to mobile multimedia applications: Camera-based attacks on mobile phones. , 2014, 52, 80-87.		51
77	Access Control Schemes for Implantable Medical Devices: A Survey. IEEE Internet of Things Journal, 2017, 4, 1272-1283.	8.7	51
78	Adaptive Cell Relay Routing Protocol for Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2006, 55, 278-285.	6.3	50
79	Cost-Efficient Service Function Chain Orchestration for Low-Latency Applications in NFV Networks. IEEE Systems Journal, 2019, 13, 3877-3888.	4.6	50
80	Intersection Fog-Based Distributed Routing for V2V Communication in Urban Vehicular Ad Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2409-2426.	8.0	50
81	A Blockchain-Based Self-Tallying Voting Protocol in Decentralized IoT. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 119-130.	5.4	50
82	Fine-Grained Webpage Fingerprinting Using Only Packet Length Information of Encrypted Traffic. IEEE Transactions on Information Forensics and Security, 2021, 16, 2046-2059.	6.9	50
83	SDN Controllers. ACM Computing Surveys, 2021, 53, 1-40.	23.0	50
84	MobiFish: A lightweight anti-phishing scheme for mobile phones. , 2014, , .		49
85	Adversarial Samples on Android Malware Detection Systems for IoT Systems. Sensors, 2019, 19, 974.	3.8	47
86	LPTD: Achieving lightweight and privacy-preserving truth discovery in CloT. Future Generation Computer Systems, 2019, 90, 175-184.	7.5	46
87	FBIA: A Fog-Based Identity Authentication Scheme for Privacy Preservation in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 5403-5415.	6.3	46
88	Vehicle Tracking Using Surveillance With Multimodal Data Fusion. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2353-2361.	8.0	45
89	Location Privacy Preservation for Mobile Users in Location-Based Services. IEEE Access, 2019, 7, 87425-87438.	4.2	45
90	Increasing network lifetime by balancing node energy consumption in heterogeneous sensor networks. Wireless Communications and Mobile Computing, 2008, 8, 125-136.	1.2	44

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91	Automatic Concept Extraction Based on Semantic Graphs From Big Data in Smart City. IEEE Transactions on Computational Social Systems, 2020, 7, 225-233.	4.4	44
92	Secure cell relay routing protocol for sensor networks. Wireless Communications and Mobile Computing, 2006, 6, 375-391.	1.2	43
93	A Large-Scale Concurrent Data Anonymous Batch Verification Scheme for Mobile Healthcare Crowd Sensing. IEEE Internet of Things Journal, 2019, 6, 1321-1330.	8.7	41
94	Honeypot Identification in Softwarized Industrial Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5542-5551.	11.3	41
95	A Novel Deep Learning Strategy for Classifying Different Attack Patterns for Deep Brain Implants. IEEE Access, 2019, 7, 24154-24164.	4.2	40
96	Scalable and redactable blockchain with update and anonymity. Information Sciences, 2021, 546, 25-41.	6.9	40
97	Random Access Preamble Design and Detection for Mobile Satellite Communication Systems. IEEE Journal on Selected Areas in Communications, 2018, 36, 280-291.	14.0	39
98	Optimal Energy Trading for Plug-In Hybrid Electric Vehicles Based on Fog Computing. IEEE Internet of Things Journal, 2019, 6, 2309-2324.	8.7	39
99	A Reinforcement Learning Method for Joint Mode Selection and Power Adaptation in the V2V Communication Network in 5G. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 452-463.	7.9	39
100	Optimal Cooperative Relaying and Power Control for IoUT Networks With Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 791-801.	8.7	39
101	Architecture, mobility management, and quality of service for integrated 3G and WLAN networks. Wireless Communications and Mobile Computing, 2005, 5, 805-823.	1.2	38
102	Patient Infusion Pattern based Access Control Schemes for Wireless Insulin Pump System. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3108-3121.	5.6	38
103	Energy-Efficient Caching for Mobile Edge Computing in 5G Networks. Applied Sciences (Switzerland), 2017, 7, 557.	2.5	38
104	Exploiting Unintended Property Leakage in Blockchain-Assisted Federated Learning for Intelligent Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2265-2275.	8.7	38
105	Malicious mining code detection based on ensemble learning in cloud computing environment. Simulation Modelling Practice and Theory, 2021, 113, 102391.	3.8	38
106	Load balance and energy efficient data gathering in wireless sensor networks. Wireless Communications and Mobile Computing, 2008, 8, 645-659.	1.2	37
107	PRIF: A Privacy-Preserving Interest-Based Forwarding Scheme for Social Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 2457-2466.	8.7	37
108	IEPSBP: A Cost-Efficient Image Encryption Algorithm Based on Parallel Chaotic System for Green IoT. IEEE Transactions on Green Communications and Networking, 2022, 6, 89-106.	5.5	37

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109	A multiple-kernel clustering based intrusion detection scheme for 5G and IoT networks. International Journal of Machine Learning and Cybernetics, 2021, 12, 3129-3144.	3.6	37
110	LTE-U and Wi-Fi Coexistence Algorithm Based on Q-Learning in Multi-Channel. IEEE Access, 2018, 6, 13644-13652.	4.2	36
111	Classification of Small UAVs Based on Auxiliary Classifier Wasserstein GANs. , 2018, , .		36
112	Cross-App Interference Threats in Smart Homes: Categorization, Detection and Handling. , 2020, , .		36
113	Improving Onboard Internet Services for High-Speed Vehicles by Multipath Transmission in Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9493-9507.	6.3	35
114	An Energy-Efficient In-Network Computing Paradigm for 6G. IEEE Transactions on Green Communications and Networking, 2021, 5, 1722-1733.	5.5	35
115	LAMANCO: A Lightweight Anonymous Mutual Authentication Scheme for \mathbb{N} -Times Computing Offloading in IoT. IEEE Internet of Things Journal, 2019, 6, 4462-4471.	8.7	34
116	IntegrityChain: Provable Data Possession for Decentralized Storage. IEEE Journal on Selected Areas in Communications, 2020, 38, 1205-1217.	14.0	34
117	Improving coverage performance in sensor networks by using mobile sensors. , 2005, , .		33
118	Online Parallelized Service Function Chain Orchestration in Data Center Networks. IEEE Access, 2019, 7, 100147-100161.	4.2	33
119	Achieving Intelligent Trust-Layer for Internet-of-Things via Self-Redactable Blockchain. IEEE Transactions on Industrial Informatics, 2020, 16, 2677-2686.	11.3	33
120	Secure Data Access Control With Fair Accountability in Smart Grid Data Sharing: An Edge Blockchain Approach. IEEE Internet of Things Journal, 2021, 8, 8632-8643.	8.7	33
121	Deep-Green: A Dispersed Energy-Efficiency Computing Paradigm for Green Industrial IoT. IEEE Transactions on Green Communications and Networking, 2021, 5, 750-764.	5.5	33
122	An Efficient Anonymous Authentication Scheme for Internet of Vehicles. , 2018, , .		32
123	Reinforcement learning-based QoS/QoE-aware service function chaining in software-driven 5G slices. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3477.	3.9	32
124	BEMPAS: A Decentralized Employee Performance Assessment System Based on Blockchain for Smart City Governance. IEEE Access, 2020, 8, 99528-99539.	4.2	32
125	Key-Policy Attribute-Based Encryption With Keyword Search in Virtualized Environments. IEEE Journal on Selected Areas in Communications, 2020, 38, 1242-1251.	14.0	32
126	A Secured Proxy-Based Data Sharing Module in IoT Environments Using Blockchain. Sensors, 2019, 19, 1235.	3.8	31

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127	Modeling and Optimizing the LTE Discontinuous Reception Mechanism Under Self-Similar Traffic. IEEE Transactions on Vehicular Technology, 2016, 65, 5595-5610.	6.3	30
128	Robust WLAN-Based Indoor Fine-Grained Intrusion Detection. , 2016, , .		30
129	Privacy Leakage in Smart Homes and Its Mitigation: IFTTT as a Case Study. IEEE Access, 2019, 7, 63457-63471.	4.2	30
130	Blockchain-Based Distributed Energy Trading in Energy Internet: An SDN Approach. IEEE Access, 2019, 7, 173817-173826.	4.2	30
131	Lojury: An IBN-Based Location Privacy Preserving Scheme for IoCV. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5028-5037.	8.0	30
132	Infrared Small Target Detection Through Multiple Feature Analysis Based on Visual Saliency. IEEE Access, 2019, 7, 38996-39004.	4.2	29
133	Identifying the vulnerabilities of bitcoin anonymous mechanism based on address clustering. Science China Information Sciences, 2020, 63, 1.	4.3	29
134	Epidemic Risk Assessment by a Novel Communication Station Based Method. IEEE Transactions on Network Science and Engineering, 2022, 9, 332-344.	6.4	29
135	TTPR: A Trust-Based and Privacy-Preserving Platoon Recommendation Scheme in VANET. IEEE Transactions on Services Computing, 2022, 15, 806-818.	4.6	28
136	Reinforcement Learning Based Mobile Offloading for Cloud-Based Malware Detection. , 2017, , .		27
137	Towards Privacy Preserving Publishing of Set-Valued Data on Hybrid Cloud. IEEE Transactions on Cloud Computing, 2018, 6, 316-329.	4.4	27
138	Improving Routing in Sensor Networks with Heterogeneous Sensor Nodes. , 0, , .		26
139	A Course-Aware Opportunistic Routing Protocol for FANETs. IEEE Access, 2019, 7, 144303-144312.	4.2	26
140	Priority-Based Medium Access Control for Wireless Body Area Networks With High-Performance Design. IEEE Internet of Things Journal, 2019, 6, 5363-5375.	8.7	26
141	Contract and Lyapunov Optimization-Based Load Scheduling and Energy Management for UAV Charging Stations. IEEE Transactions on Green Communications and Networking, 2021, 5, 1381-1394.	5.5	26
142	Toward Delay-Tolerant Flexible Data Access Control for Smart Grid With Renewable Energy Resources. IEEE Transactions on Industrial Informatics, 2017, 13, 3216-3225.	11.3	25
143	Mutual Heterogeneous Signcryption Schemes for 5G Network Slicings. IEEE Access, 2018, 6, 7854-7863.	4.2	25
144	Vehicle-Type Detection Based on Compressed Sensing and Deep Learning in Vehicular Networks. Sensors, 2018, 18, 4500.	3.8	25

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145	Achieving differential privacy against non-intrusive load monitoring in smart grid: A fog computing approach. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e4528.	2.2	25
146	Context-Aware Object Detection for Vehicular Networks Based on Edge-Cloud Cooperation. <i>IEEE Internet of Things Journal</i> , 2020, 7, 5783-5791.	8.7	25
147	Encrypted traffic classification of decentralized applications on ethereum using feature fusion. , 2019, , .		24
148	Lightweight and Privacy-Preserving Medical Services Access for Healthcare Cloud. <i>IEEE Access</i> , 2019, 7, 106951-106961.	4.2	24
149	A Heuristic Statistical Testing Based Approach for Encrypted Network Traffic Identification. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 3843-3853.	6.3	24
150	PGRide: Privacy-Preserving Group Ridesharing Matching in Online Ride Hailing Services. <i>IEEE Internet of Things Journal</i> , 2021, 8, 5722-5735.	8.7	24
151	Load Balance and Energy Efficient Data Gathering in Wireless Sensor Networks. , 2006, , .		23
152	Chain-based big data access control infrastructure. <i>Journal of Supercomputing</i> , 2018, 74, 4945-4964.	3.6	23
153	Multi-Layer Perceptron Model on Chip for Secure Diabetic Treatment. <i>IEEE Access</i> , 2018, 6, 44718-44730.	4.2	23
154	Secured Fine-Grained Selective Access to Outsourced Cloud Data in IoT Environments. <i>IEEE Internet of Things Journal</i> , 2019, 6, 10749-10762.	8.7	23
155	Artificial Intelligence Security in 5G Networks: Adversarial Examples for Estimating a Travel Time Task. <i>IEEE Vehicular Technology Magazine</i> , 2020, 15, 95-100.	3.4	23
156	An efficient anonymous communication protocol for wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , 2012, 12, 1302-1312.	1.2	22
157	FineRoute: Personalized and Time-Aware Route Recommendation Based on Check-Ins. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 10461-10469.	6.3	22
158	Resource Allocation in Information-Centric Wireless Networking With D2D-Enabled MEC: A Deep Reinforcement Learning Approach. <i>IEEE Access</i> , 2019, 7, 114935-114944.	4.2	22
159	Zero-Chain: A Blockchain-Based Identity for Digital City Operating System. <i>IEEE Internet of Things Journal</i> , 2020, 7, 10336-10346.	8.7	22
160	Detective: Automatically identify and analyze malware processes in forensic scenarios via DLLs. , 2015, , .		21
161	SVCC-HSR: Providing Secure Vehicular Cloud Computing for Intelligent High-Speed Rail. <i>IEEE Network</i> , 2018, 32, 64-71.	6.9	21
162	Super-Resolution of Brain MRI Images Using Overcomplete Dictionaries and Nonlocal Similarity. <i>IEEE Access</i> , 2019, 7, 25897-25907.	4.2	21

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163	LRCoin: Leakage-Resilient Cryptocurrency Based on Bitcoin for Data Trading in IoT. IEEE Internet of Things Journal, 2019, 6, 4702-4710.	8.7	21
164	Performance Analysis and Optimization for the MAC Protocol in UAV-Based IoT Network. IEEE Transactions on Vehicular Technology, 2020, 69, 8925-8937.	6.3	21
165	xTSeH: A Trusted Platform Module Sharing Scheme Towards Smart IoT-eHealth Devices. IEEE Journal on Selected Areas in Communications, 2021, 39, 370-383.	14.0	21
166	An Energy Aware Offloading Scheme for Interdependent Applications in Software-Defined IoV With Fog Computing Architecture. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3813-3823.	8.0	21
167	A review of security challenges, attacks and resolutions for wireless medical devices. , 2017, , .		20
168	Location-Based Seeds Selection for Influence Blocking Maximization in Social Networks. IEEE Access, 2019, 7, 27272-27287.	4.2	20
169	Biometric-based authentication scheme for Implantable Medical Devices during emergency situations. Future Generation Computer Systems, 2019, 98, 109-119.	7.5	20
170	Verifying cloud serviceâ€œlevel agreement by a thirdâ€œparty auditor. Security and Communication Networks, 2014, 7, 492-502.	1.5	19
171	PROS: A Privacy-Preserving Route-Sharing Service via Vehicular Fog Computing. IEEE Access, 2018, 6, 66188-66197.	4.2	19
172	A Task Scheduling Algorithm for Multi-core Processors. , 2013, , .		18
173	A Novel DCT-Based Compression Scheme for 5G Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 10872-10881.	6.3	18
174	A Graph Convolutional Network-Based Deep Reinforcement Learning Approach for Resource Allocation in a Cognitive Radio Network. Sensors, 2020, 20, 5216.	3.8	18
175	Privacy-Preserving Machine Learning Training in IoT Aggregation Scenarios. IEEE Internet of Things Journal, 2021, 8, 12106-12118.	8.7	18
176	Wii: Device-Free Passive Identity Identification via WiFi Signals. , 2017, , .		17
177	Authentication Scheme Based on Hashchain for Space-Air-Ground Integrated Network. , 2019, , .		17
178	A blockchainized privacy-preserving support vector machine classification on mobile crowd sensed data. Pervasive and Mobile Computing, 2020, 66, 101195.	3.3	17
179	Stable multiuser channel allocations in opportunistic spectrum access. , 2013, , .		16
180	Analysis of clickjacking attacks and an effective defense scheme for Android devices. , 2016, , .		16

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181	Detection of LSSUAV using hash fingerprint based SVDD. , 2017, , .		16
182	AOA-Based Three-Dimensional Multi-Target Localization in Industrial WSNs for LOS Conditions. Sensors, 2018, 18, 2727.	3.8	16
183	A Privacy-Preserving Traffic Monitoring Scheme via Vehicular Crowdsourcing. Sensors, 2019, 19, 1274.	3.8	16
184	CEPS: A Cross-Blockchain based Electronic Health Records Privacy-Preserving Scheme. , 2020, , .		16
185	A survey of game theory as applied to social networks. Tsinghua Science and Technology, 2020, 25, 734-742.	6.1	16
186	An Adaptive Computation Offloading Mechanism for Mobile Health Applications. IEEE Transactions on Vehicular Technology, 2020, 69, 998-1007.	6.3	16
187	Defending Malicious Collision Attacks in Wireless Sensor Networks. , 2010, , .		15
188	Online Deadline-Aware Bulk Transfer Over Inter-Datacenter WANs. , 2018, , .		15
189	Green Communications for Future Vehicular Networks: Data Compression Approaches, Opportunities, and Challenges. IEEE Network, 2020, 34, 184-190.	6.9	15
190	A Differentially Private Big Data Nonparametric Bayesian Clustering Algorithm in Smart Grid. IEEE Transactions on Network Science and Engineering, 2020, 7, 2631-2641.	6.4	15
191	Adversarial Attacks for Image Segmentation on Multiple Lightweight Models. IEEE Access, 2020, 8, 31359-31370.	4.2	15
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