Xiaojiang Du

List of Publications by Year
in descending order

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	A deep learning-based approach for fault diagnosis of current-carrying ring in catenary system. Neural Computing and Applications, 2023, 35, 23725-23737.	5.6	4
2	TPPR: A Trust-Based and Privacy-Preserving Platoon Recommendation Scheme in VANET. IEEE Transactions on Services Computing, 2022, 15, 806-818.	4.6	28
3	<scp>TamForen</scp>: A <scp>tamper€proof</scp> cloud forensic framework. Transactions on Emerging Telecommunications Technologies, 2022, 33, e4178.	3.9	9
4	Applying artificial bee colony algorithm to the multidepot vehicle routing problem. Software - Practice and Experience, 2022, 52, 756-771.	3.6	14
5	A Blockchain-Based Self-Tallying Voting Protocol in Decentralized IoT. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 119-130.	5.4	50
6	Blockchain-Based Auditable Privacy-Preserving Data Classification for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 2468-2484.	8.7	8
7	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
8	DeepAutoD: Research on Distributed Machine Learning Oriented Scalable Mobile Communication Security Unpacking System. IEEE Transactions on Network Science and Engineering, 2022, 9, 2052-2065.	6.4	13
9	Improve the reliability of 6G vehicular communication through skip network coding. Vehicular Communications, 2022, 33, 100400.	4.0	4
10	Epidemic Risk Assessment by a Novel Communication Station Based Method. IEEE Transactions on Network Science and Engineering, 2022, 9, 332-344.	6.4	29
11	Bidirectional and Malleable Proof-of-Ownership for Large File in Cloud Storage. IEEE Transactions on Cloud Computing, 2022, 10, 2351-2365.	4.4	4
12	Few-Shot Scale-Insensitive Object Detection for Edge Computing Platform. IEEE Transactions on Sustainable Computing, 2022, 7, 726-735.	3.1	2
13	Resource Management for Edge Intelligence (EI)-Assisted IoV Using Quantum-Inspired Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 12588-12600.	8.7	11
14	Learning-Based Efficient Sparse Sensing and Recovery for Privacy-Aware IoMT. IEEE Internet of Things Journal, 2022, 9, 9948-9959.	8.7	6
15	Analysis on unit maximum capacity of orthogonal multiple watermarking for multimedia signals in B5G wireless communications. Digital Communications and Networks, 2022, , .	5.0	2
16	Auction-Promoted Trading for Multiple Federated Learning Services in UAV-Aided Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 10960-10974.	6.3	5
17	STG2P: A two-stage pipeline model for intrusion detection based on improved LightGBM and K-means. Simulation Modelling Practice and Theory, 2022, 120, 102614.	3.8	13
18	Green Heterogeneous Computing Powers Allocation Using Reinforcement Learning in SDN-IoV. IEEE Transactions on Green Communications and Networking, 2022, , 1-1.	5.5	0

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19	Resilient User-Side Android Application Repackaging and Tampering Detection Using Cryptographically Obfuscated Logic Bombs. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 2582-2600.	5.4	8
20	LocJury: An IBN-Based Location Privacy Preserving Scheme for IoCV. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5028-5037.	8.0	30
21	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
22	ECBCM: A prestige-based edge computing blockchain security consensus model. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4015.	3.9	7
23	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
24	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
25	Optimal Cooperative Relaying and Power Control for IoUT Networks With Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 791-801.	8.7	39
26	A method of chained recommendation for charging piles in internet of vehicles. Computing (Vienna/New York), 2021, 103, 231-249.	4.8	4
27	Scalable and redactable blockchain with update and anonymity. Information Sciences, 2021, 546, 25-41.	6.9	40
28	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
29	Toward Decentralized Fair Data Trading Based on Blockchain. IEEE Network, 2021, 35, 304-310.	6.9	14
30	Malware on Internet of UAVs Detection Combining String Matching and Fourier Transformation. IEEE Internet of Things Journal, 2021, 8, 9905-9919.	8.7	8
31	Efficient and Traceable Patient Health Data Search System for Hospital Management in Smart Cities. IEEE Internet of Things Journal, 2021, 8, 6425-6436.	8.7	14
32	PGRide: Privacy-Preserving Group Ridesharing Matching in Online Ride Hailing Services. IEEE Internet of Things Journal, 2021, 8, 5722-5735.	8.7	24
33	A Two-Tier Collection and Processing Scheme for Fog-Based Mobile Crowdsensing in the Internet of Vehicles. IEEE Internet of Things Journal, 2021, 8, 1971-1984.	8.7	11
34	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
35	Mitigation of the spectrum sensing data falsifying attack in cognitive radio networks. Cyber-Physical Systems, 2021, 7, 159-178.	2.0	4
36	An Energy-Efficient In-Network Computing Paradigm for 6G. IEEE Transactions on Green Communications and Networking, 2021, 5, 1722-1733.	5.5	35

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37	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
38	SDN Controllers. ACM Computing Surveys, 2021, 53, 1-40.	23.0	50
39	Profit Maximization of Online Service Function Chain Orchestration in an Inter-Datacenter Elastic Optical Network. IEEE Transactions on Network and Service Management, 2021, 18, 973-985.	4.9	6
40	Blockchainâ€based privacyâ€preserving valet parking for selfâ€driving vehicles. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4239.	3.9	3
41	A Blockchain-Based Storage System With Financial Incentives for Load-balancing. IEEE Transactions on Network Science and Engineering, 2021, 8, 1178-1188.	6.4	7
42	Introduction to the Special Section on Artificial Intelligence Security: Adversarial Attack and Defense. IEEE Transactions on Network Science and Engineering, 2021, 8, 905-907.	6.4	3
43	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
44	IoT root union: A decentralized name resolving system for IoT based on blockchain. Information Processing and Management, 2021, 58, 102553.	8.6	11
45	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
46	BMDS: A Blockchain-based Medical Data Sharing Scheme with Attribute-Based Searchable Encryption. , 2021, , .		14
47	A Non-Intrusive Method for Smart Speaker Forensics. , 2021, , .		4
48	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
49	Privacy-Preserving Data Sharing Scheme with FL via MPC in Financial Permissioned Blockchain. , 2021, , .		10
50	Reinforcement Learning Power Control Algorithm Based on Graph Signal Processing for Ultra-Dense Mobile Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 2694-2705.	6.4	5
51	Honeypot Identification in Softwarized Industrial Cyberâ€"Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5542-5551.	11.3	41
52	Privacy-Preserving Machine Learning Training in IoT Aggregation Scenarios. IEEE Internet of Things Journal, 2021, 8, 12106-12118.	8.7	18
53	Compiler-Based Efficient CNN Model Construction for 5G Edge Devices. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5261-5274.	8.0	2
54	RR-LADP: A Privacy-Enhanced Federated Learning Scheme for Internet of Everything. IEEE Consumer Electronics Magazine, 2021, 10, 93-101.	2.3	6

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55	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
56	Malicious mining code detection based on ensemble learning in cloud computing environment. Simulation Modelling Practice and Theory, 2021, 113, 102391.	3.8	38
57	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
58	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
59	False Data Injection Attack Detection Based on Wavelet Packet Decomposition and Random Forest in Smart Grid. , 2021, , .		1
60	Placement delivery array design for the coded caching scheme in medical data sharing. Neural Computing and Applications, 2020, 32, 867-878.	5.6	2
61	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
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	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
64	CompRess: Composing overlay service resources for end‐to‐end network slices using semantic user intents. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3728.	3.9	5
65	A Distributed Deep Learning System for Web Attack Detection on Edge Devices. IEEE Transactions on Industrial Informatics, 2020, 16, 1963-1971.	11.3	234
66	Achieving Intelligent Trust-Layer for Internet-of-Things via Self-Redactable Blockchain. IEEE Transactions on Industrial Informatics, 2020, 16, 2677-2686.	11.3	33
67	An Automated Refactoring Approach to Improve IoT Software Quality. Applied Sciences (Switzerland), 2020, 10, 413.	2.5	4
68	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
69	Context-Aware Object Detection for Vehicular Networks Based on Edge-Cloud Cooperation. IEEE Internet of Things Journal, 2020, 7, 5783-5791.	8.7	25
70	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
71	Blockchain-Based Anonymous Authentication With Selective Revocation for Smart Industrial Applications. IEEE Transactions on Industrial Informatics, 2020, 16, 3290-3300.	11.3	55
72	Improved Dota2 lineup recommendation model based on a bidirectional LSTM. Tsinghua Science and Technology, 2020, 25, 712-720.	6.1	59

#	Article	IF	Citations
73	An Intelligent Data Uploading Selection Mechanism for Offloading Uplink Traffic of Cellular Networks. Sensors, 2020, 20, 6287.	3.8	2
74	A Co-Design-Based Reliable Low-Latency and Energy-Efficient Transmission Protocol for UWSNs. Sensors, 2020, 20, 6370.	3.8	8
75	Optimizing Feature Selection for Efficient Encrypted Traffic Classification: A Systematic Approach. IEEE Network, 2020, 34, 20-27.	6.9	52
76	Artificial Intelligence Security in 5G Networks: Adversarial Examples for Estimating a Travel Time Task. IEEE Vehicular Technology Magazine, 2020, 15, 95-100.	3.4	23
77	Security of Mobile Multimedia Data:The Adversarial Examples for Spatio-temporal Data. Computer Networks, 2020, 181, 107432.	5.1	3
78	A Lightweight Attribute Based Encryption Scheme with Constant Size Ciphertext for Internet of Things. , 2020, , .		10
79	A Blockchain-based Conditional Privacy-Preserving Traffic Data Sharing in Cloud. , 2020, , .		10
80	CEPS: A Cross-Blockchain based Electronic Health Records Privacy-Preserving Scheme. , 2020, , .		16
81	Coexistence of Cellular V2X and Wi-Fi over Unlicensed Spectrum with Reinforcement Learning. , 2020, , .		6
82	Sensitive Labels Matching Privacy Protection in Multi-Social Networks. , 2020, , .		2
83	A Graph Convolutional Network-Based Deep Reinforcement Learning Approach for Resource Allocation in a Cognitive Radio Network. Sensors, 2020, 20, 5216.	3.8	18
84	Cross-App Interference Threats in Smart Homes: Categorization, Detection and Handling. , 2020, , .		36
85	A Successive Framework: Enabling Accurate Identification and Secure Storage for Data in Smart Grid. , 2020, , .		0
86	Green Communications for Future Vehicular Networks: Data Compression Approaches, Opportunities, and Challenges. IEEE Network, 2020, 34, 184-190.	6.9	15
87	An Adaptive Network Coding Scheme for Multipath Transmission in Cellular-Based Vehicular Networks. Sensors, 2020, 20, 5902.	3.8	4
88	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
89	IoT malicious traffic identification using wrapper-based feature selection mechanisms. Computers and Security, 2020, 94, 101863.	6.0	165
90	Zero-Chain: A Blockchain-Based Identity for Digital City Operating System. IEEE Internet of Things Journal, 2020, 7, 10336-10346.	8.7	22

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91	Blockchain-Enhanced High-Confidence Energy Sharing in Internet of Electric Vehicles. IEEE Internet of Things Journal, 2020, 7, 7868-7882.	8.7	66
92	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
93	A survey of game theory as applied to social networks. Tsinghua Science and Technology, 2020, 25, 734-742.	6.1	16
94	BEMPAS: A Decentralized Employee Performance Assessment System Based on Blockchain for Smart City Governance. IEEE Access, 2020, 8, 99528-99539.	4.2	32
95	A Malware Detection Method for Health Sensor Data Based on Machine Learning. , 2020, , .		2
96	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
97	A blockchainized privacy-preserving support vector machine classification on mobile crowd sensed data. Pervasive and Mobile Computing, 2020, 66, 101195.	3.3	17
98	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
99	Blockchain-Assisted Secure Device Authentication for Cross-Domain Industrial IoT. IEEE Journal on Selected Areas in Communications, 2020, 38, 942-954.	14.0	201
100	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
101	Recent Advances in Security and Privacy for Future Intelligent Networks. IEEE Network, 2020, 34, 4-5.	6.9	0
102	Dynamic Time-Threshold Based Receive Buffer for Vehicle-to-Cloud Multipath Transmission. , 2020, , .		2
103	Dynamic Measurement and Data Calibration for Aerial Mobile IoT. IEEE Internet of Things Journal, 2020, 7, 5210-5219.	8.7	5
104	A Differentially Private Classification Algorithm With High Utility for Wireless Body Area Networks. , 2020, , .		1
105	Market-Based Model in CR-IoT: A Q-Probabilistic Multi-Agent Reinforcement Learning Approach. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 179-188.	7.9	10
106	System Log Detection Model Based on Conformal Prediction. Electronics (Switzerland), 2020, 9, 232.	3.1	6
107	Identifying the vulnerabilities of bitcoin anonymous mechanism based on address clustering. Science China Information Sciences, 2020, 63, 1.	4.3	29
108	PPLS: a privacy-preserving location-sharing scheme in mobile online social networks. Science China Information Sciences, 2020, 63, 1.	4.3	10

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109	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
110	Adversarial Attacks for Image Segmentation on Multiple Lightweight Models. IEEE Access, 2020, 8, 31359-31370.	4.2	15
111	An Adaptive Computation Offloading Mechanism for Mobile Health Applications. IEEE Transactions on Vehicular Technology, 2020, 69, 998-1007.	6.3	16
112	A Low-Latency and Energy-Efficient Neighbor Discovery Algorithm for Wireless Sensor Networks. Sensors, 2020, 20, 657.	3.8	6
113	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
114	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
115	Network Traffic Sampling System Based on Storage Compression for Application Classification Detection. IEEE Access, 2020, 8, 63106-63120.	4.2	0
116	IntegrityChain: Provable Data Possession for Decentralized Storage. IEEE Journal on Selected Areas in Communications, 2020, 38, 1205-1217.	14.0	34
117	HUCDO. ACM Transactions on Cyber-Physical Systems, 2020, 4, 1-23.	2.5	3
118	Achieving differential privacy against non€intrusive load monitoring in smart grid: A fog computing approach. Concurrency Computation Practice and Experience, 2019, 31, e4528.	2.2	25
119	LPTD: Achieving lightweight and privacy-preserving truth discovery in CIoT. Future Generation Computer Systems, 2019, 90, 175-184.	7.5	46
120	Cooperative Communications With Relay Selection Based on Deep Reinforcement Learning in Wireless Sensor Networks. IEEE Sensors Journal, 2019, 19, 9561-9569.	4.7	117
121	Resource Allocation in Information-Centric Wireless Networking With D2D-Enabled MEC: A Deep Reinforcement Learning Approach. IEEE Access, 2019, 7, 114935-114944.	4.2	22
122	Caching mechanism for mobile edge computing in V2I networks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3689.	3.9	7
123	Channel Measurement and Resource Allocation Scheme for Dual-Band Airborne Access Networks. IEEE Access, 2019, 7, 80870-80883.	4.2	13
124	A Novel Secure Authentication Scheme for Heterogeneous Internet of Things. , 2019, , .		10
125	Achieving Secure and Efficient Cloud Search Services: Cross-Lingual Multi-Keyword Rank Search Over Encrypted Cloud Data. , 2019, , .		2
126	Location Privacy Preservation for Mobile Users in Location-Based Services. IEEE Access, 2019, 7, 87425-87438.	4.2	45

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127	Toward SLAs Guaranteed Scalable VDC Provisioning in Cloud Data Centers. IEEE Access, 2019, 7, 80219-80232.	4.2	14
128	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
129	Encrypted traffic classification of decentralized applications on ethereum using feature fusion. , 2019, , .		24
130	Lightweight and Privacy-Preserving Medical Services Access for Healthcare Cloud. IEEE Access, 2019, 7, 106951-106961.	4.2	24
131	Intelligent Cognitive Radio in 5G: AI-Based Hierarchical Cognitive Cellular Networks. IEEE Wireless Communications, 2019, 26, 54-61.	9.0	68
132	Dual-Polarized Spatialâ€"Temporal Propagation Measurement and Modeling in UMa O2I Scenario at 3.5 GHz. IEEE Access, 2019, 7, 122988-123001.	4.2	5
133	Using Bloom Filter to Generate a Physiological Signal-Based Key for Wireless Body Area Networks. IEEE Internet of Things Journal, 2019, 6, 10396-10407.	8.7	8
134	A Course-Aware Opportunistic Routing Protocol for FANETs. IEEE Access, 2019, 7, 144303-144312.	4.2	26
135	Privacy-Preserving Image Retrieval for Medical IoT Systems: A Blockchain-Based Approach. IEEE Network, 2019, 33, 27-33.	6.9	140
136	Towards Supporting Security and Privacy for Social IoT Applications: A Network Virtualization Perspective. Security and Communication Networks, 2019, 2019, 1-15.	1.5	2
137	Authentication Scheme Based on Hashchain for Space-Air-Ground Integrated Network. , 2019, , .		17
138	A Prediction Method for Destination Based on the Semantic Transfer Model. IEEE Access, 2019, 7, 73756-73763.	4.2	5
139	Online Parallelized Service Function Chain Orchestration in Data Center Networks. IEEE Access, 2019, 7, 100147-100161.	4.2	33
140	A Low-Overhead Kernel Object Monitoring Approach for Virtual Machine Introspection. , 2019, , .		0
141	Verification Code Recognition Based on Active and Deep Learning. , 2019, , .		2
142	On Physical Layer Security in Energy-Efficient Wireless Health Monitoring Applications. , 2019, , .		6
143	A Novel DCT-Based Compression Scheme for 5G Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 10872-10881.	6.3	18
144	Dynamic Stress Measurement with Sensor Data Compensation. Electronics (Switzerland), 2019, 8, 859.	3.1	2

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145	Secured Fine-Grained Selective Access to Outsourced Cloud Data in IoT Environments. IEEE Internet of Things Journal, 2019, 6, 10749-10762.	8.7	23
146	An Optimal Channel Occupation Time Adjustment Method for LBE in Unlicensed Spectrum. IEEE Transactions on Vehicular Technology, 2019, 68, 10943-10955.	6.3	4
147	Achieving Semantic Secure Search in Cloud Supported Information-Centric Internet of Things. IEEE Access, 2019, 7, 5784-5794.	4.2	2
148	A Heuristic Statistical Testing Based Approach for Encrypted Network Traffic Identification. IEEE Transactions on Vehicular Technology, 2019, 68, 3843-3853.	6.3	24
149	Multi-Modal Data Semantic Localization With Relationship Dependencies for Efficient Signal Processing in EH CRNs. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 347-357.	7.9	3
150	Privacy Leakage in Smart Homes and Its Mitigation: IFTTT as a Case Study. IEEE Access, 2019, 7, 63457-63471.	4.2	30
151	When Energy Trading Meets Blockchain in Electrical Power System: The State of the Art. Applied Sciences (Switzerland), 2019, 9, 1561.	2.5	140
152	Location-Based Seeds Selection for Influence Blocking Maximization in Social Networks. IEEE Access, 2019, 7, 27272-27287.	4.2	20
153	ESAS: An Efficient Semantic and Authorized Search Scheme over Encrypted Outsourced Data. , 2019, , .		1
154	Privacy-Preserving Authentication and Data Aggregation for Fog-Based Smart Grid. IEEE Communications Magazine, 2019, 57, 80-85.	6.1	58
155	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
156	A Privacy-Preserving Traffic Monitoring Scheme via Vehicular Crowdsourcing. Sensors, 2019, 19, 1274.	3.8	16
157	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
158	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
159	An Efficient Anonymous Authentication Scheme Based on Double Authentication Preventing Signature for Mobile Healthcare Crowd Sensing. Lecture Notes in Computer Science, 2019, , 626-636.	1.3	0
160	Super-Resolution of Brain MRI Images Using Overcomplete Dictionaries and Nonlocal Similarity. IEEE Access, 2019, 7, 25897-25907.	4.2	21
161	A Fog Computing Solution for Context-Based Privacy Leakage Detection for Android Healthcare Devices. Sensors, 2019, 19, 1184.	3.8	11
162	A Secured Proxy-Based Data Sharing Module in IoT Environments Using Blockchain. Sensors, 2019, 19, 1235.	3.8	31

#	Article	IF	Citations
163	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
164	Infrared Small Target Detection Through Multiple Feature Analysis Based on Visual Saliency. IEEE Access, 2019, 7, 38996-39004.	4.2	29
165	Building Redactable Consortium Blockchain for Industrial Internet-of-Things. IEEE Transactions on Industrial Informatics, 2019, 15, 3670-3679.	11.3	67
166	A Novel Deep Learning Strategy for Classifying Different Attack Patterns for Deep Brain Implants. IEEE Access, 2019, 7, 24154-24164.	4.2	40
167	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
168	Adversarial Samples on Android Malware Detection Systems for IoT Systems. Sensors, 2019, 19, 974.	3.8	47
169	Toward Privacy and Regulation in Blockchain-Based Cryptocurrencies. IEEE Network, 2019, 33, 111-117.	6.9	104
170	A Self-Selective Correlation Ship Tracking Method for Smart Ocean Systems. Sensors, 2019, 19, 821.	3.8	8
171	Biometric-based authentication scheme for Implantable Medical Devices during emergency situations. Future Generation Computer Systems, 2019, 98, 109-119.	7.5	20
172	Cloud Database Encryption Technology Based on Combinatorial Encryption. , 2019, , .		2
173	A Genetic-Algorithm Based Method for Storage Location Assignments in Mobile Rack Warehouses. , 2019, , .		2
174	A Secure and Efficient Medical Data Sharing Protocol for Cloud-Assisted WBAN. , 2019, , .		0
175	A Design of Firewall Based on Feedback of Intrusion Detection System in Cloud Environment. , 2019, , .		10
176	A Novel Chaos-Based Physical Layer Security Transmission Scheme for Internet of Things. , 2019, , .		6
177	An Efficient and Privacy-Preserving Energy Trading Scheme Based on Blockchain. , 2019, , .		6
178	Privacy-Preserving Graph Encryption for Approximate Constrained Shortest Distance Queries. , 2019, , .		1
179	Effective UAV and Ground Sensor Authentication. , 2019, , .		3
180	An Anti-Interference Scheme for UAV Data Links in Airâ€"Ground Integrated Vehicular Networks. Sensors, 2019, 19, 4742.	3.8	14

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181	Blockchain-Based Distributed Energy Trading in Energy Internet: An SDN Approach. IEEE Access, 2019, 7, 173817-173826.	4.2	30
182	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
183	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
184	LAMANCO: A Lightweight Anonymous Mutual Authentication Scheme for N -Times Computing Offloading in IoT. IEEE Internet of Things Journal, 2019, 6, 4462-4471.	8.7	34
185	Timing Channel in IaaS: How to Identify and Investigate. IEEE Access, 2019, 7, 1-11.	4.2	286
186	LRCoin: Leakage-Resilient Cryptocurrency Based on Bitcoin for Data Trading in IoT. IEEE Internet of Things Journal, 2019, 6, 4702-4710.	8.7	21
187	A data-driven method for future Internet route decision modeling. Future Generation Computer Systems, 2019, 95, 212-220.	7.5	119
188	Tac-U: A traffic balancing scheme over licensed and unlicensed bands for Tactile Internet. Future Generation Computer Systems, 2019, 97, 41-49.	7.5	11
189	Cost-Efficient Service Function Chain Orchestration for Low-Latency Applications in NFV Networks. IEEE Systems Journal, 2019, 13, 3877-3888.	4.6	50
190	Energy-efficient and traffic-aware service function chaining orchestration in multi-domain networks. Future Generation Computer Systems, 2019, 91, 347-360.	7.5	89
191	Efficient attribute-based encryption with attribute revocation for assured data deletion. Information Sciences, 2019, 479, 640-650.	6.9	93
192	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
193	Towards Privacy Preserving Publishing of Set-Valued Data on Hybrid Cloud. IEEE Transactions on Cloud Computing, 2018, 6, 316-329.	4.4	27
194	Massive Fishing Website URL Parallel Filtering Method. IEEE Access, 2018, 6, 2378-2388.	4.2	4
195	Multiple Moving Targets Surveillance Based on a Cooperative Network for Multi-UAV. IEEE Communications Magazine, 2018, 56, 82-89.	6.1	180
196	LTE-U and Wi-Fi Coexistence Algorithm Based on Q-Learning in Multi-Channel. IEEE Access, 2018, 6, 13644-13652.	4.2	36
197	Consortium Blockchain-Based Malware Detection in Mobile Devices. IEEE Access, 2018, 6, 12118-12128.	4.2	132
198	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

#	Article	IF	Citations
199	Vehicle Tracking Using Surveillance With Multimodal Data Fusion. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2353-2361.	8.0	45
200	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
201	A 3-D Energy-Harvesting-Aware Routing Scheme for Space Nanosatellite Networks. IEEE Internet of Things Journal, 2018, 5, 2729-2740.	8.7	14
202	Mutual Heterogeneous Signcryption Schemes for 5G Network Slicings. IEEE Access, 2018, 6, 7854-7863.	4.2	25
203	An effective copyright€protected content delivery scheme for P2P file sharing networks. International Journal of Communication Systems, 2018, 31, e3476.	2.5	3
204	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
205	Chain-based big data access control infrastructure. Journal of Supercomputing, 2018, 74, 4945-4964.	3.6	23
206	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
207	Checking virtual machine kernel control-flow integrity using a page-level dynamic tracing approach. Soft Computing, 2018, 22, 7977-7987.	3.6	4
208	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
209	Privacy Leakage in Smart Homes and Its Mitigation: IFTTT as a Case Study. , 2018, , .		0
210	An Optimal LTE-U Access Method for Throughput Maximization and Fairness Assurance. , 2018, , .		2
211	V-Chain: A Blockchain-Based Car Lease Platform. , 2018, , .		7
212	Vulnerability Prediction Based on Weighted Software Network for Secure Software Building. , 2018, , .		1
213	Classification of Small UAVs Based on Auxiliary Classifier Wasserstein GANs. , 2018, , .		36
214	A Bignum Network Coding Scheme for Multipath Transmission in Vehicular Networks. , 2018, , .		8
215	Light-Weight Solution to Defend Implantable Medical Devices against Man-In-The-Middle Attack. , 2018, , .		5
216	vFAC: Fine-Grained Access Control with Versatility for Cloud Storage. , 2018, , .		4

#	Article	IF	Citations
217	BPDS: A Blockchain Based Privacy-Preserving Data Sharing for Electronic Medical Records. , 2018, , .		136
218	Congestion Game With Link Failures for Network Selection in High-Speed Vehicular Networks. IEEE Access, 2018, 6, 76165-76175.	4.2	7
219	Monitoring User-Intent of Cloud-Based Networked Applications in Cognitive Networks. , 2018, , .		3
220	A Traceable Concurrent Data Anonymous Transmission Scheme for Heterogeneous VANETs. , 2018, , .		3
221	Deciding Your Own Anonymity: User-Oriented Node Selection in I2P. IEEE Access, 2018, 6, 71350-71359.	4.2	8
222	An Efficient Privacy-Preserving Incentive Scheme without TTP in Participatory Sensing Network. , 2018, , .		2
223	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
224	PROS: A Privacy-Preserving Route-Sharing Service via Vehicular Fog Computing. IEEE Access, 2018, 6, 66188-66197.	4.2	19
225	Vehicle-Type Detection Based on Compressed Sensing and Deep Learning in Vehicular Networks. Sensors, 2018, 18, 4500.	3.8	25
226	An Efficient Privacy-Preserving Algorithm Based on Randomized Response in IoT-Based Smart Grid. , 2018, , .		10
227	Security and Privacy in Wireless IoT. IEEE Wireless Communications, 2018, 25, 10-11.	9.0	5
228	Envisioning an Information Assurance and Performance Infrastructure for the Internet of Things. , 2018, , .		3
229	Enabling Fair Spectrum Sharing between Wi-Fi and LTE-Unlicensed. , 2018, , .		4
230	TLTD: A Testing Framework for Learning-Based IoT Traffic Detection Systems. Sensors, 2018, 18, 2630.	3.8	7
231	Attention-mechanism-based tracking method for intelligent Internet of vehicles. International Journal of Distributed Sensor Networks, 2018, 14, 155014771880594.	2.2	4
232	Online Deadline-Aware Bulk Transfer Over Inter-Datacenter WANs. , 2018, , .		15
233	DTW based Authentication for Wireless Medical Device Security. , 2018, , .		6
234	Monopolistic Models for Resource Allocation: A Probabilistic Reinforcement Learning Approach. IEEE Access, 2018, 6, 49721-49731.	4.2	9

#	Article	IF	Citations
235	Location-Aware Influence Blocking Maximization in Social Networks. IEEE Access, 2018, 6, 61462-61477.	4.2	14
236	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
237	An Location-aware Authentication Scheme for Cross-domain Internet of Thing Systems. , 2018, , .		6
238	Security Mechanisms to Defend against New Attacks on Software-Defined Radio. , 2018, , .		5
239	Security in Mobile Edge Caching with Reinforcement Learning. IEEE Wireless Communications, 2018, 25, 116-122.	9.0	188
240	The Identification of Secular Variation in IoT Based on Transfer Learning. , 2018, , .		7
241	PWiG: A Phase-based Wireless Gesture Recognition System. , 2018, , .		10
242	An Out-of-band Authentication Scheme for Internet of Things Using Blockchain Technology. , 2018, , .		102
243	Secure Payment Routing Protocol for Economic Systems Based on Blockchain. , 2018, , .		4
244	Checking Function-Level Kernel Control Flow Integrity for Cloud Computing. IEEE Access, 2018, 6, 41856-41865.	4.2	1
245	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
246	An Efficient Anonymous Authentication Scheme for Internet of Vehicles. , 2018, , .		32
247	Reinforcement learningâ€"based QoS/QoEâ€"aware service function chaining in softwareâ€"driven 5G slices. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3477.	3.9	32
248	Real-Time Behavior Analysis and Identification for Android Application. IEEE Access, 2018, 6, 38041-38051.	4.2	12
249	Symmetric Encryption Relying on Chaotic Henon System for Secure Hardware-Friendly Wireless Communication of Implantable Medical Systems. Journal of Sensor and Actuator Networks, 2018, 7, 21.	3.9	10
250	A Performance Analysis Model of TCP over Multiple Heterogeneous Paths for 5G Mobile Services. Sustainability, 2018, 10, 1337.	3.2	4
251	Multi-Layer Perceptron Model on Chip for Secure Diabetic Treatment. IEEE Access, 2018, 6, 44718-44730.	4.2	23
252	AOA-Based Three-Dimensional Multi-Target Localization in Industrial WSNs for LOS Conditions. Sensors, 2018, 18, 2727.	3.8	16

#	Article	IF	Citations
253	SVCC-HSR: Providing Secure Vehicular Cloud Computing for Intelligent High-Speed Rail. IEEE Network, 2018, 32, 64-71.	6.9	21
254	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
255	A Low-Latency Secure Data Outsourcing Scheme for Cloud-WSN. , 2017, , .		3
256	A Wideband Spectrum Data Segment Compression Algorithm in Cognitive Radio Networks. , 2017, , .		4
257	Access Control Schemes for Implantable Medical Devices: A Survey. IEEE Internet of Things Journal, 2017, 4, 1272-1283.	8.7	51
258	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
259	P2P-based resource allocation with coalitional game for D2D networks. Pervasive and Mobile Computing, 2017, 42, 487-497.	3.3	6
260	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
261	Cloud-Based Malware Detection Game for Mobile Devices with Offloading. IEEE Transactions on Mobile Computing, 2017, 16, 2742-2750.	5.8	161
262	Detection of LSSUAV using hash fingerprint based SVDD. , 2017, , .		16
263	Security Analysis Based on Petri Net for Separation Mechanisms in Smart Identifier Network. , 2017, , .		0
264	Analyzing Android Application in Real-Time at Kernel Level. , 2017, , .		3
265	Achieving Efficient Detection Against False Data Injection Attacks in Smart Grid. IEEE Access, 2017, 5, 13787-13798.	4.2	90
266	A review of security challenges, attacks and resolutions for wireless medical devices. , 2017, , .		20
267	MeDShare: Trust-Less Medical Data Sharing Among Cloud Service Providers via Blockchain. IEEE Access, 2017, 5, 14757-14767.	4.2	834
268	An efficient encryption scheme with verifiable outsourced decryption in mobile cloud computing. , 2017, , .		6
269	Protecting user privacy based on secret sharing with fault tolerance for big data in smart grid. , 2017, , .		10
270	VDAS: Verifiable data aggregation scheme for Internet of Things. , 2017, , .		14

#	Article	IF	Citations
271	AutoPatchDroid: A framework for patching inter-app vulnerabilities in android application. , 2017, , .		5
272	A calculation method for social network user credibility. , 2017, , .		8
273	FineRoute: Personalized and Time-Aware Route Recommendation Based on Check-Ins. IEEE Transactions on Vehicular Technology, 2017, 66, 10461-10469.	6.3	22
274	A lightweight live memory forensic approach based on hardware virtualization. Information Sciences, 2017, 379, 23-41.	6.9	85
275	DLRT: Deep Learning Approach for Reliable Diabetic Treatment. , 2017, , .		7
276	Two-Stage Mixed Queuing Model for Web Security Gateway Performance Evaluation. , 2017, , .		0
277	An Unbalanced Data Hybrid-Sampling Algorithm Based on Multi-Information Fusion. , 2017, , .		1
278	Wii: Device-Free Passive Identity Identification via WiFi Signals. , 2017, , .		17
279	Achieving Fair Spectrum Allocation for Co-Existing Heterogeneous Secondary User Networks. , 2017, , .		2
280	Performance guarantee aware orchestration for service function chains with elastic demands. , 2017, , .		6
281	Reinforcement Learning Based Mobile Offloading for Cloud-Based Malware Detection. , 2017, , .		27
282	A Performance Analysis Model for TCP over Multiple Heterogeneous Paths in 5G Networks. , 2017, , .		2
283	Intermittent Fault Diagnosability of Interconnection Networks. Journal of Computer Science and Technology, 2017, 32, 1279-1287.	1.5	8
284	EPDA: Enhancing Privacy-Preserving Data Authentication for Mobile Crowd Sensing. , 2017, , .		1
285	Provably efficient algorithms for joint placement and allocation of virtual network functions. , 2017, , .		107
286	A Novel Traceroute-Based Detection Scheme for Wi-Fi Evil Twin Attacks. , 2017, , .		10
287	Energy-Efficient Caching for Mobile Edge Computing in 5G Networks. Applied Sciences (Switzerland), 2017, 7, 557.	2.5	38
288	Thwarting Nonintrusive Occupancy Detection Attacks from Smart Meters. Security and Communication Networks, 2017, 2017, 1-9.	1.5	3

#	Article	IF	Citations
289	Protecting Critical Files Using Target-Based Virtual Machine Introspection Approach. IEICE Transactions on Information and Systems, 2017, E100.D, 2307-2318.	0.7	3
290	Modeling and Optimizing the LTE Discontinuous Reception Mechanism Under Self-Similar Traffic. IEEE Transactions on Vehicular Technology, 2016, 65, 5595-5610.	6.3	30
291	Market Model for Resource Allocation in Emerging Sensor Networks with Reinforcement Learning. Sensors, 2016, 16, 2021.	3.8	4
292	Publishing histograms with outliers under data differential privacy. Security and Communication Networks, 2016, 9, 2313-2322.	1.5	8
293	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
294	Theoretical analysis on caching effects in urban vehicular ad hoc networks. Wireless Communications and Mobile Computing, 2016, 16, 1759-1772.	1.2	6
295	CAPR: context–aware participant recruitment mechanism in mobile crowdsourcing. Wireless Communications and Mobile Computing, 2016, 16, 2179-2193.	1.2	10
296	Efficient device–to–device discovery and access procedure for 5G cellular network. Wireless Communications and Mobile Computing, 2016, 16, 1282-1289.	1.2	10
297	CFWatcher: A novel target-based real-time approach to monitor critical files using VMI. , 2016, , .		7
298	Personalized Location Recommendations with Local Feature Awareness. , 2016, , .		4
299	Robust WLAN-Based Indoor Fine-Grained Intrusion Detection. , 2016, , .		30
300	Analysis of clickjacking attacks and an effective defense scheme for Android devices. , 2016, , .		16
301	Network security analyzing and modeling based on Petri net and Attack tree for SDN. , 2016, , .		10
302	Public scene recognition using mobile phone sensors. , 2016, , .		1
303	LPPS: Location privacy protection for smartphones. , 2016, , .		6
304	A detection method for a novel DDoS attack against SDN controllers by vast new low-traffic flows. , 2016, , .		84
305	Quantifying caching effects in urban VANETs. , 2016, , .		2
306	Energy-efficient cluster management in heterogeneous vehicular networks. , 2016, , .		13

#	Article	IF	Citations
307	Secure data access for wireless body sensor networks. , 2016, , .		3
308	Cuckoo: flexible compute-intensive task offloading in mobile cloud computing. Wireless Communications and Mobile Computing, 2016, 16, 3256-3268.	1.2	7
309	A multi‐channel cooperative clustering‐based MAC protocol for V2V communications. Wireless Communications and Mobile Computing, 2016, 16, 3295-3306.	1.2	10
310	Protecting sink location against global traffic monitoring attacker. , 2016, , .		1
311	Effective Defense Schemes for Phishing Attacks on Mobile Computing Platforms. IEEE Transactions on Vehicular Technology, 2016, 65, 6678-6691.	6.3	89
312	Sink Location Protection Protocols Based on Packet Sending Rate Adjustment. International Journal of Distributed Sensor Networks, 2016, 12, 6354514.	2.2	6
313	Improving QoS on high-speed vehicle by multipath transmission based on practical experiment. , 2015, , .		6
314	Haddle: A Framework for Investigating Data Leakage Attacks in Hadoop. , 2015, , .		10
315	WiGroup: A Lightweight Cellular-Assisted Device-to-Device Network Formation Framework. , 2015, , .		0
316	Geometric Routing on Flat Names for ICN. , 2015, , .		5
317	Virtual machine placement in cloud systems through migration process. International Journal of Parallel, Emergent and Distributed Systems, 2015, 30, 393-410.	1.0	9
318	Face Recognition with Environment Tolerance on a Mobile Device. , 2015, , .		1
319	Interference management for heterogeneous networks with spectral efficiency improvement. IEEE Wireless Communications, 2015, 22, 101-107.	9.0	65
320	Optimizing the LTE Discontinuous Reception Mechanism Under Self-Similar Traffic. IEEE Transactions on Vehicular Technology, 2015, 64, 5904-5918.	6.3	14
321	An effective access control scheme for preventing permission leak in Android. , 2015, , .		11
322	Correlating processes for automatic memory evidence analysis. , 2015, , .		0
323	Effective task scheduling in proximate mobile device based communication systems. , 2015, , .		5
324	Toward Vehicle-Assisted Cloud Computing for Smartphones. IEEE Transactions on Vehicular Technology, 2015, 64, 5610-5618.	6.3	128

#	Article	IF	Citations
325	CLPP: Context-aware location privacy protection for location-based social network. , 2015, , .		8
326	Detective: Automatically identify and analyze malware processes in forensic scenarios via DLLs. , 2015, , .		21
327	A practical approach to the attestation of computational integrity in hybrid cloud. , 2015, , .		1
328	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
329	Achieving Secure and Efficient Data Access Control for Cloud-Integrated Body Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 101287.	2.2	8
330	Modeling Leechers attack in BitTorrent. , 2014, , .		0
331	Contention-based adaptive position update for intermittently connected VANETs. , 2014, , .		2
332	A lightweight dynamic multicast authentication scheme. , 2014, , .		0
333	Analyzing mobile phone vulnerabilities caused by camera. , 2014, , .		1
334	Verifying cloud service–level agreement by a third–party auditor. Security and Communication Networks, 2014, 7, 492-502.	1.5	19
335	Designing robust routing protocols to protect base stations in wireless sensor networks. Wireless Communications and Mobile Computing, 2014, 14, 1613-1626.	1.2	8
336	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
337	An effective online scheme for detecting Android malware. , 2014, , .		4
338	Auditing cloud service level agreement on VM CPU speed. , 2014, , .		6
339	MobiFish: A lightweight anti-phishing scheme for mobile phones. , 2014, , .		49
340	A lightweight access control mechanism for mobile cloud computing. , 2014, , .		10
341	Achieving big data privacy via hybrid cloud. , 2014, , .		56
342	Permission-combination-based scheme for Android mobile malware detection. , 2014, , .		77

#	Article	IF	Citations
343	Security threats to mobile multimedia applications: Camera-based attacks on mobile phones. , 2014, 52, 80-87.		51
344	Haddle: A Framework for Investigating Data Leakage Attacks in Hadoop. , 2014, , .		0
345	Geometric Routing on Flat Names for ICN. , 2014, , .		0
346	Prometheus: Privacy-aware data retrieval on hybrid cloud. , 2013, , .		55
347	A Measurement Study on the Topologies of BitTorrent Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 338-347.	14.0	5
348	Efficiently secure data privacy on hybrid cloud. , 2013, , .		12
349	Cognitive femtocell networks: an opportunistic spectrum access for future indoor wireless coverage. IEEE Wireless Communications, 2013, 20, 44-51.	9.0	129
350	A Task Scheduling Algorithm for Multi-core Processors. , 2013, , .		18
351	Dynamic cache cleaning on Android. , 2013, , .		3
352	Protecting private cloud located within public cloud. , 2013, , .		1
353	A Method to Automatically Filter Log Evidences for Intrusion Forensics. , 2013, , .		0
354	Performance bound of ad hoc Device-to-Device communications using cognitive radio. , 2013, , .		9
355	Distributed precoder design for inter-cell interference suppressing in multi-cell MU-MIMO systems. , 2013, , .		1
356	Auditing CPU Performance in Public Cloud. , 2013, , .		9
357	Stable multiuser channel allocations in opportunistic spectrum access. , 2013, , .		16
358	A performance prediction scheme for computation-intensive applications on cloud. , 2013, , .		7
359	A Lightweight Multicast Authentication Mechanism for Small Scale IoT Applications. IEEE Sensors Journal, 2013, 13, 3693-3701.	4.7	160
360	PIPAC: Patient infusion pattern based access control scheme for wireless insulin pump system. , 2013, , .		60

#	Article	IF	Citations
361	Practical and privacy-assured data indexes for outsourced cloud data. , 2013, , .		2
362	Verifying cloud Service Level Agreement. , 2012, , .		5
363	Understanding the topologies of BitTorrent networks: A measurement view. , 2012, , .		0
364	Base station location protection in wireless sensor networks: Attacks and defense. , 2012, , .		2
365	Efficient communications in Mobile Hybrid Wireless Networks. , 2012, , .		1
366	An efficient and sustainable self-healing protocol for Unattended Wireless Sensor Networks. , 2012, , .		0
367	An effective auditing scheme for cloud computing. , 2012, , .		7
368	Two matrices for Blakley's secret sharing scheme. , 2012, , .		9
369	DDoS vulnerability of BitTorrent Peer Exchange extension: Analysis and defense. , 2012, , .		2
370	An efficient anonymous communication protocol for wireless sensor networks. Wireless Communications and Mobile Computing, 2012, 12, 1302-1312.	1.2	22
371	Self€protecting networking using dynamic <i>p</i>â€cycle construction within link capacity constraint. Security and Communication Networks, 2012, 5, 689-708.	1.5	0
372	Efficient resource allocation in Hybrid Wireless Networks. , 2011, , .		4
373	A Secure Key Management Scheme in Wireless Mesh Networks. , 2011, , .		3
374	Towards Efficient Anonymous Communications in Sensor Networks. , 2011, , .		4
375	Lightweight Source Anonymity in Wireless Sensor Networks. , 2011, , .		0
376	Securing multi-tiered web applications. , 2010, , .		2
377	Defending Resource Depletion Attacks on Implantable Medical Devices. , 2010, , .		80
378	Defending Malicious Collision Attacks in Wireless Sensor Networks. , 2010, , .		15

#	Article	IF	Citations
379	On Deployment of Multiple Base Stations for Energy-Efficient Communication in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2010, 6, 563156.	2.2	7
380	Near-Minimum-Energy Routing in Heterogeneous Wireless Sensor Networks. , 2010, , .		5
381	Weaving a proper net to catch large objects in wireless sensor networks. IEEE Transactions on Wireless Communications, 2010, 9, 1360-1369.	9.2	9
382	Stream-based cipher feedback mode in wireless error channel. IEEE Transactions on Wireless Communications, 2009, 8, 622-626.	9.2	64
383	Efficient rekeying algorithms for WiMAX networks. Security and Communication Networks, 2009, 2, 392-400.	1.5	6
384	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
385	On hierarchical pipeline paging in multi-tier overlaid hierarchical cellular networks. IEEE Transactions on Wireless Communications, 2009, 8, 4406-4410.	9.2	4
386	Towards Efficient and Secure Rekeying for IEEE 802.16e WiMAX Networks. , 2009, , .		2
387	An Efficient Post-Deployment Key Establishment Scheme for Heterogeneous Sensor Networks. , 2009, , .		5
388	Designing fault tolerant networks to prevent poison message failure. Security and Communication Networks, 2008, 1, 161-177.	1.5	2
389	Increasing network lifetime by balancing node energy consumption in heterogeneous sensor networks. Wireless Communications and Mobile Computing, 2008, 8, 125-136.	1.2	44
390	Load balance and energy efficient data gathering in wireless sensor networks. Wireless Communications and Mobile Computing, 2008, 8, 645-659.	1.2	37
391	Secure and Efficient Time Synchronization in Heterogeneous Sensor Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 2387-2394.	6.3	74
392	Security in wireless sensor networks. IEEE Wireless Communications, 2008, 15, 60-66.	9.0	297
393	Weaving a Proper Net to Catch Large Objects. , 2008, , .		3
394	Intrusion Objects with Shapes under Randomized Scheduling Algorithm in Sensor Networks. , 2008, , .		5
395	Three Dimensional Intrusion Objects Detection under Randomized Scheduling Algorithm in Sensor Networks. , 2008, , .		1
396	A Cross-Layer Approach for Frame Transmissions of MPEG-4 over the IEEE 802.11e Wireless Local Area Networks. , 2008, , .		8

#	Article	IF	Citations
397	An Efficient Public-Key-Based Heterogeneous Sensor Network Key Distribution Scheme. , 2007, , .		4
398	Performance Analysis of Blanket Paging, Sequential Probability Paging, and Pipeline Probability Paging for Wireless Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 2745-2755.	6.3	11
399	A Secure Time Synchronization Scheme for Heterogeneous Sensor Networks. , 2007, , .		2
400	Simulating MPEG-4 over the IEEE 802.11 WLANs. , 2007, , .		1
401	A Pseudo-Random Function Based Key Management Scheme for Heterogeneous Sensor Networks. , 2007, , .		4
402	Paging Schemes Performance for Wireless Systems. , 2007, , .		0
403	Self-healing sensor networks with distributed decision making. International Journal of Sensor Networks, 2007, 2, 289.	0.4	53
404	Internet Protocol Television (IPTV): The Killer Application for the Next-Generation Internet. , 2007, 45, 126-134.		262
405	A Boundary-Node based Localization Scheme for Heterogeneous Wireless Sensor Networks. , 2007, , .		2
406	Two Tier Secure Routing Protocol for Heterogeneous Sensor Networks. IEEE Transactions on Wireless Communications, 2007, 6, 3395-3401.	9.2	81
407	A survey of key management schemes in wireless sensor networks. Computer Communications, 2007, 30, 2314-2341.	5.1	490
408	An effective key management scheme for heterogeneous sensor networks. Ad Hoc Networks, 2007, 5, 24-34.	5.5	427
409	Joint Design of Routing and Medium Access Control for Hybrid Mobile Ad Hoc Networks. Mobile Networks and Applications, 2007, 12, 57-68.	3.3	6
410	NIS02-2: A Secure Routing Protocol for Heterogeneous Sensor Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	5
411	Challenges and Futuristic Perspective of CDMA Technologies: OCC-CDMA/OS for 4G Wireless Networks. , 2006, , .		0
412	Distributed Decision Making Algorithm for Self-Healing Sensor Networks. , 2006, , .		12
413	Load Balance and Energy Efficient Data Gathering in Wireless Sensor Networks. , 2006, , .		23
414	Secure cell relay routing protocol for sensor networks. Wireless Communications and Mobile Computing, 2006, 6, 375-391.	1.2	43

#	Article	IF	Citations
415	Identifying Control and Management Plane Poison Message Failure by K-Nearest Neighbor Method. Journal of Network and Systems Management, 2006, 14, 243-259.	4.9	7
416	Adaptive Cell Relay Routing Protocol for Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2006, 55, 278-285.	6.3	50
417	WLC25-2: Channel Allocation Algorithms for Three-tier Wireless Local Loops. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
418	NIS01-1: An Efficient Key Management Scheme for Heterogeneous Sensor Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
419	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
420	Maintaining Differentiated Coverage in Heterogeneous Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	87
421	Improving coverage performance in sensor networks by using mobile sensors. , 2005, , .		33
422	QoS routing based on multi-class nodes for mobile ad hoc networks. Ad Hoc Networks, 2004, 2, 241-254.	5.5	51
423	Using K-nearest neighbor method to identify poison message failure. , 0, , .		0
424	Improving Routing in Sensor Networks with Heterogeneous Sensor Nodes. , 0, , .		26
425	Low complexity closedâ€loop strategy for mmWave communication in industrial intelligent systems. International Journal of Intelligent Systems, 0, , .	5.7	0