Yang Xiang

List of Publications by Year in descending order

428 papers	14,191 citations	20817 60 h-index	28297 105 g-index
458 all docs	458 docs citations	458 times ranked	10111 citing authors

#	Article	IF	Citations
1	Enhancing OAuth With Blockchain Technologies for Data Portability. IEEE Transactions on Cloud Computing, 2023, 11, 349-366.	4.4	0
2	Cyber Information Retrieval Through Pragmatics Understanding and Visualization. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 1186-1199.	5.4	1
3	Cyber Code Intelligence for Android Malware Detection. IEEE Transactions on Cybernetics, 2023, 53, 617-627.	9.5	12
4	SAM: Multi-turn Response Selection Based on Semantic Awareness Matching. ACM Transactions on Internet Technology, 2023, 23, 1-18.	4.4	0
5	Epidemic Heterogeneity and Hierarchy: A Study of Wireless Hybrid Worm Propagation. IEEE Transactions on Mobile Computing, 2022, 21, 1639-1656.	5.8	5
6	Evaluating intrusion sensitivity allocation with supervised learning in collaborative intrusion detection. Concurrency Computation Practice and Experience, 2022, 34, e5957.	2.2	3
7	FASE: A Fast and Accurate Privacy-Preserving Multi-Keyword Top-k Retrieval Scheme Over Encrypted Cloud Data. IEEE Transactions on Services Computing, 2022, 15, 1855-1867.	4.6	8
8	Blockchain Enables Your Bill Safer. IEEE Internet of Things Journal, 2022, 9, 14162-14171.	8.7	5
9	CD-VulD: Cross-Domain Vulnerability Discovery Based on Deep Domain Adaptation. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 438-451.	5.4	28
10	Defending Against Adversarial Attack Towards Deep Neural Networks Via Collaborative Multi-Task Training. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 953-965.	5.4	9
11	Daedalus: Breaking Nonmaximum Suppression in Object Detection via Adversarial Examples. IEEE Transactions on Cybernetics, 2022, 52, 7427-7440.	9.5	24
12	Vulnerability Detection in SIoT Applications: A Fuzzing Method on their Binaries. IEEE Transactions on Network Science and Engineering, 2022, 9, 970-979.	6.4	2
13	Efficient Verification of Edge Data Integrity in Edge Computing Environment. IEEE Transactions on Services Computing, 2022, 15, 3233-3244.	4.6	18
14	Deep Learning Based Attack Detection for Cyber-Physical System Cybersecurity: A Survey. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 377-391.	13.1	150
15	Backdoor Attack on Machine Learning Based Android Malware Detectors. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3357-3370.	5.4	13
16	DELIA: Distributed Efficient Log Integrity Audit Based on Hierarchal Multi-Party State Channel. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3286-3300.	5.4	5
17	Machine Learning–based Cyber Attacks Targeting on Controlled Information. ACM Computing Surveys, 2022, 54, 1-36.	23.0	59
18	Inspecting Edge Data Integrity With Aggregate Signature in Distributed Edge Computing Environment. IEEE Transactions on Cloud Computing, 2022, 10, 2691-2703.	4.4	19

#	Article	IF	Citations
19	A Game-Theoretical Approach for Mitigating Edge DDoS Attack. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2333-2348.	5.4	66
20	Lightweight and Certificateless Multi-Receiver Secure Data Transmission Protocol for Wireless Body Area Networks. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1464-1475.	5.4	21
21	A Physical-Layer Key Generation Approach Based on Received Signal Strength in Smart Homes. IEEE Internet of Things Journal, 2022, 9, 4917-4927.	8.7	14
22	Domain adaptation for Windows advanced persistent threat detection. Computers and Security, 2022, 112, 102496.	6.0	12
23	CSEdge: Enabling Collaborative Edge Storage for Multi-Access Edge Computing Based on Blockchain. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1873-1887.	5.6	55
24	A Keyword-Grouping Inverted Index Based Multi-Keyword Ranked Search Scheme Over Encrypted Cloud Data. IEEE Transactions on Sustainable Computing, 2022, 7, 561-578.	3.1	6
25	Fuzzing: A Survey for Roadmap. ACM Computing Surveys, 2022, 54, 1-36.	23.0	61
26	Software Vulnerability Discovery via Learning Multi-Domain Knowledge Bases. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 2469-2485.	5.4	52
27	A Truthful and Near-Optimal Mechanism for Colocation Emergency Demand Response. IEEE Transactions on Mobile Computing, 2021, 20, 2728-2744.	5.8	4
28	Publicly Verifiable Databases With All Efficient Updating Operations. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3729-3740.	5.7	22
29	Leakage-Free Dissemination of Authenticated Tree-Structured Data With Multi-Party Control. IEEE Transactions on Computers, 2021, 70, 1120-1131.	3.4	3
30	Authenticated Medical Documents Releasing with Privacy Protection and Release Control. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 448-459.	5.4	12
31	Secure Outsourced Principal Eigentensor Computation for Cyber-Physical-Social Systems. IEEE Transactions on Sustainable Computing, 2021, 6, 119-130.	3.1	3
32	Looking Back! Using Early Versions of Android Apps as Attack Vectors. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 652-666.	5.4	3
33	Challenge-based collaborative intrusion detection in software-defined networking: an evaluation. Digital Communications and Networks, 2021, 7, 257-263.	5.0	21
34	Privacy-preserving and verifiable online crowdsourcing with worker updates. Information Sciences, 2021, 548, 212-232.	6.9	19
35	Zweilous: A Decoupled and Flexible Memory Management Framework. IEEE Transactions on Computers, 2021, 70, 1350-1362.	3.4	0
36	Cooperative Assurance of Cache Data Integrity for Mobile Edge Computing. IEEE Transactions on Information Forensics and Security, 2021, 16, 4648-4662.	6.9	27

#	Article	IF	Citations
37	Location Privacy Protection via Delocalization in 5G Mobile Edge Computing Environment. IEEE Transactions on Services Computing, 2021, , 1-1.	4.6	5
38	Secure Dynamic Searchable Symmetric Encryption With Constant Client Storage Cost. IEEE Transactions on Information Forensics and Security, 2021, 16, 1538-1549.	6.9	43
39	Sustainable Ensemble Learning Driving Intrusion Detection Model. IEEE Transactions on Dependable and Secure Computing, 2021, , 1-1.	5.4	12
40	Steel frame with aseismic floor: From the viscoelastic decoupler model to the elastic structural response. Earthquake Engineering and Structural Dynamics, 2021, 50, 1651-1670.	4.4	5
41	A Survey of Android Malware Detection with Deep Neural Models. ACM Computing Surveys, 2021, 53, 1-36.	23.0	156
42	Auditing Cache Data Integrity in the Edge Computing Environment. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1210-1223.	5.6	83
43	Functionalized Tumor–Targeting Nanosheets Exhibiting Fe(II) Overloading and GSH Consumption for Ferroptosis Activation in Liver Tumor. Small, 2021, 17, e2102046.	10.0	55
44	Man-in-the-Middle Attacks Against Machine Learning Classifiers Via Malicious Generative Models. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 2074-2087.	5.4	9
45	Synthesized Corpora to Evaluate Fuzzing for Green Internet of Things Programs. IEEE Transactions on Green Communications and Networking, 2021, 5, 1041-1050.	5.5	1
46	Kalman prediction-based virtual network experimental platform for smart living. Computer Communications, 2021, 177, 156-165.	5.1	1
47	BitMine: An End-to-End Tool for Detecting Rowhammer Vulnerability. IEEE Transactions on Information Forensics and Security, 2021, 16, 5167-5181.	6.9	3
48	Generalized and Multiple-Queries-Oriented Privacy Budget Strategies in Differential Privacy via Convergent Series. Security and Communication Networks, 2021, 2021, 1-17.	1.5	0
49	Authenticated Data Redaction with Fine-Grained Control. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 291-302.	4.6	17
50	EliMFS: Achieving Efficient, Leakage-Resilient, and Multi-Keyword Fuzzy Search on Encrypted Cloud Data. IEEE Transactions on Services Computing, 2020, 13, 1072-1085.	4.6	24
51	Algebraic Signatures-Based Data Integrity Auditing for Efficient Data Dynamics in Cloud Computing. IEEE Transactions on Sustainable Computing, 2020, 5, 161-173.	3.1	19
52	Moving centroid based routing protocol for incompletely predictable cyber devices in Cyber-Physical-Social Distributed Systems. Future Generation Computer Systems, 2020, 108, 1129-1139.	7.5	7
53	Smart VM co-scheduling with the precise prediction of performance characteristics. Future Generation Computer Systems, 2020, 105, 1016-1027.	7.5	6
54	Efficient cloud-aided verifiable secret sharing scheme with batch verification for smart cities. Future Generation Computer Systems, 2020, 109, 450-456.	7.5	11

#	ARTICLE	IF	CITATIONS
55	NewMCOS: Towards a Practical Multi-Cloud Oblivious Storage Scheme. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 714-727.	5.7	32
56	DeepPAR and DeepDPA: Privacy Preserving and Asynchronous Deep Learning for Industrial IoT. IEEE Transactions on Industrial Informatics, 2020, 16, 2081-2090.	11.3	77
57	Android HIV: A Study of Repackaging Malware for Evading Machine-Learning Detection. IEEE Transactions on Information Forensics and Security, 2020, 15, 987-1001.	6.9	182
58	Data-Driven Cyber Security in Perspectiveâ€"Intelligent Traffic Analysis. IEEE Transactions on Cybernetics, 2020, 50, 3081-3093.	9.5	78
59	Cyber Vulnerability Intelligence for Internet of Things Binary. IEEE Transactions on Industrial Informatics, 2020, 16, 2154-2163.	11.3	34
60	Effect of the primary structure on the seismic response of the cable-net faÃ§ade. Engineering Structures, 2020, 220, 110989.	5.3	1
61	Toward supervised shape-based behavioral authentication on smartphones. Journal of Information Security and Applications, 2020, 55, 102591.	2.5	6
62	Filling the trust gap of food safety in food trade between the EU and China: An interconnected conceptual traceability framework based on blockchain. Food and Energy Security, 2020, 9, e249.	4.3	33
63	CalAuth: Context-Aware Implicit Authentication When the Screen Is Awake. IEEE Internet of Things Journal, 2020, 7, 11420-11430.	8.7	5
64	CSI-Fuzz: Full-speed Edge Tracing Using Coverage Sensitive Instrumentation. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	5.4	6
65	Tumorâ€Microenvironmentâ€Activated In Situ Selfâ€Assembly of Sequentially Responsive Biopolymer for Targeted Photodynamic Therapy. Advanced Functional Materials, 2020, 30, 2000229.	14.9	31
66	Vision-Based Building Seismic Displacement Measurement by Stratification of Projective Rectification Using Lines. Sensors, 2020, 20, 5775.	3.8	7
67	A Hybrid Key Agreement Scheme for Smart Homes Using the Merkle Puzzle. IEEE Internet of Things Journal, 2020, 7, 1061-1071.	8.7	12
68	Software Vulnerability Detection Using Deep Neural Networks: A Survey. Proceedings of the IEEE, 2020, 108, 1825-1848.	21.3	214
69	Code analysis for intelligent cyber systems: A data-driven approach. Information Sciences, 2020, 524, 46-58.	6.9	25
70	Secure and efficient sharing of authenticated energy usage data with privacy preservation. Computers and Security, 2020, 92, 101756.	6.0	11
71	Deep Learning-Based Vulnerable Function Detection: A Benchmark. Lecture Notes in Computer Science, 2020, , 219-232.	1.3	19
72	Attacks and defences on intelligent connected vehicles: a survey. Digital Communications and Networks, 2020, 6, 399-421.	5.0	98

#	Article	IF	Citations
73	Unmasking Windows Advanced Persistent Threat Execution. , 2020, , .		2
74	Data Analytics of Crowdsourced Resources for Cybersecurity Intelligence. Lecture Notes in Computer Science, 2020, , 3-21.	1.3	5
75	ASBKS: Towards attribute set based keyword search over encrypted personal health records. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	5.4	8
76	E-AUA: An Efficient Anonymous User Authentication Protocol for Mobile IoT. IEEE Internet of Things Journal, 2019, 6, 1506-1519.	8.7	80
77	Data security against receiver corruptions: SOA security for receivers from simulatable DEMs. Information Sciences, 2019, 471, 201-215.	6.9	16
78	Process-Induced Power-Performance Variability in Sub-5-nm III–V Tunnel FETs. IEEE Transactions on Electron Devices, 2019, 66, 2802-2808.	3.0	1
79	Catering to Your Concerns. ACM Transactions on Cyber-Physical Systems, 2019, 3, 1-21.	2.5	2
80	A3CM: Automatic Capability Annotation for Android Malware. IEEE Access, 2019, 7, 147156-147168.	4.2	29
81	An Adaptive Secret Key Establishment Scheme in Smart Home Environments. , 2019, , .		9
82	A Key Agreement Scheme for Smart Homes Using the Secret Mismatch Problem. IEEE Internet of Things Journal, 2019, 6, 10251-10260.	8.7	11
83	A Feature-Oriented Corpus for Understanding, Evaluating and Improving Fuzz Testing. , 2019, , .		8
84	Structural feasibility of incorporating the LVEM-isolated floor in the first story of a two-story steel frame. Engineering Structures, 2019, 199, 109686.	5.3	7
85	CATE: Cloud-Aided Trustworthiness Evaluation Scheme for Incompletely Predictable Vehicular AdÂHoc Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 11213-11226.	6.3	10
86	Single-story steel structure with LVEM-isolated floor: Elastic seismic performance and design response spectrum. Engineering Structures, 2019, 196, 109314.	5.3	13
87	A Truthful FPTAS Mechanism for Emergency Demand Response in Colocation Data Centers. , 2019, , .		9
88	Predicting the Impact of Android Malicious Samples via Machine Learning. IEEE Access, 2019, 7, 66304-66316.	4.2	16
89	Attribute-Based Information Flow Control. Computer Journal, 2019, 62, 1214-1231.	2.4	3
90	Ductility demand of bilinear hysteretic systems with large post-yield stiffness: Spectral model and application in the seismic design of dual-systems. Engineering Structures, 2019, 187, 504-517.	5.3	13

#	Article	IF	Citations
91	Multi-level multi-secret sharing scheme for decentralized e-voting in cloud computing. Journal of Parallel and Distributed Computing, 2019, 130, 91-97.	4.1	33
92	Insider Threat Identification Using the Simultaneous Neural Learning of Multi-Source Logs. IEEE Access, 2019, 7, 183162-183176.	4.2	22
93	EduCoin: a Secure and Efficient Payment Solution for MOOC Environment. , 2019, , .		9
94	Foreword to the special issue on security, privacy, and social networks. Concurrency Computation Practice and Experience, 2019, 31, e5278.	2.2	1
95	DeepBalance: Deep-Learning and Fuzzy Oversampling for Vulnerability Detection. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	9.8	50
96	An Adaptive Physical Layer Key Extraction Scheme for Smart Homes. , 2019, , .		4
97	Effects of C3â€"C5 alcohols on solubility of alcohols/diesel blends. Fuel, 2019, 236, 65-74.	6.4	78
98	Design of multi-view based email classification for IoT systems via semi-supervised learning. Journal of Network and Computer Applications, 2019, 128, 56-63.	9.1	40
99	Multidimensional privacy preservation in location-based services. Future Generation Computer Systems, 2019, 93, 312-326.	7.5	31
100	Privacy Enhancing Technologies in the Internet of Things: Perspectives and Challenges. IEEE Internet of Things Journal, 2019, 6, 2159-2187.	8.7	57
101	Identifying Propagation Source in Large-Scale Networks. Advances in Information Security, 2019, , 159-178.	1.2	0
102	Malicious Attack Propagation and Source Identification. Advances in Information Security, 2019, , .	1.2	2
103	CrowdBC: A Blockchain-Based Decentralized Framework for Crowdsourcing. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1251-1266.	5.6	322
104	Damping modification factor for the vertical seismic response spectrum: A study based on Japanese earthquake records. Engineering Structures, 2019, 179, 493-511.	5.3	12
105	Protecting VNF services with smart online behavior anomaly detection method. Future Generation Computer Systems, 2019, 95, 265-276.	7.5	1
106	IoT-FBAC: Function-based access control scheme using identity-based encryption in IoT. Future Generation Computer Systems, 2019, 95, 344-353.	7.5	41
107	On exploiting priority relation graph for reliable multi-path communication in mobile social networks. Information Sciences, 2019, 477, 490-507.	6.9	10
108	Data-Driven Cybersecurity Incident Prediction: A Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 1744-1772.	39.4	216

#	Article	IF	Citations
109	Identifying Multiple Propagation Sources. Advances in Information Security, 2019, , 139-157.	1.2	0
110	Noise-Resistant Statistical Traffic Classification. IEEE Transactions on Big Data, 2019, 5, 454-466.	6.1	10
111	Block Design-Based Key Agreement for Group Data Sharing in Cloud Computing. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 996-1010.	5.4	175
112	SADI: A Novel Model to Study the Propagation of Social Worms in Hierarchical Networks. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 142-155.	5.4	11
113	Data-Driven Android Malware Intelligence: A Survey. Lecture Notes in Computer Science, 2019, , 183-202.	1.3	14
114	Unsupervised Insider Detection Through Neural Feature Learning and Model Optimisation. Lecture Notes in Computer Science, 2019, , 18-36.	1.3	5
115	Restrain Malicious Attack Propagation. Advances in Information Security, 2019, , 41-62.	1.2	0
116	A Visualization-Based Analysis on Classifying Android Malware. Lecture Notes in Computer Science, 2019, , 304-319.	1.3	1
117	STC: Exposing Hidden Compromised Devices in Networked Sustainable Green Smart Computing Platforms by Partial Observation. IEEE Transactions on Sustainable Computing, 2019, 4, 178-190.	3.1	1
118	Special Issue on Intelligent Edge Computing for Cyber Physical and Cloud Systems. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-4.	4.5	129
119	Big network traffic data visualization. Multimedia Tools and Applications, 2018, 77, 11459-11487.	3.9	8
120	Osteogenesis of 3D printed porous Ti6Al4V implants with different pore sizes. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 84, 1-11.	3.1	218
121	Detecting and Preventing Cyber Insider Threats: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 1397-1417.	39.4	246
122	OSPN: Optimal Service Provisioning with Negotiation for Bag-of-Tasks Applications. IEEE Transactions on Services Computing, 2018, , 1-1.	4.6	4
123	Improved step-by-step modeling method for analyzing the mechanical behavior of steel structures during construction. Advances in Structural Engineering, 2018, 21, 1632-1651.	2.4	1
124	Global stability analysis of spatial structures based on Eigen-stiffness and structural Eigen-curve. Journal of Constructional Steel Research, 2018, 141, 226-240.	3.9	7
125	Machine Learning Differential Privacy With Multifunctional Aggregation in a Fog Computing Architecture. IEEE Access, 2018, 6, 17119-17129.	4.2	51
126	Blind Filtering at Third Parties: An Efficient Privacy-Preserving Framework for Location-Based Services. IEEE Transactions on Mobile Computing, 2018, 17, 2524-2535.	5.8	59

#	Article	IF	Citations
127	An over-the-air key establishment protocol using keyless cryptography. Future Generation Computer Systems, 2018, 79, 284-294.	7.5	14
128	A variant of password authenticated key exchange protocol. Future Generation Computer Systems, 2018, 78, 699-711.	7.5	18
129	PokÃ©mon GO in Melbourne CBD: A case study of the cyber-physical symbiotic social networks. Journal of Computational Science, 2018, 26, 456-467.	2.9	9
130	Comprehensive analysis of network traffic data. Concurrency Computation Practice and Experience, 2018, 30, e4181.	2.2	10
131	Analyzing the seismic response of nonlinear cable net structure by the linear response spectrum analysis method. Advances in Structural Engineering, 2018, 21, 185-200.	2.4	10
132	Efficient cache resource aggregation using adaptive multi-level exclusive caching policies. Future Generation Computer Systems, 2018, 86, 964-974.	7.5	3
133	A survey on security control and attack detection for industrial cyber-physical systems. Neurocomputing, 2018, 275, 1674-1683.	5.9	694
134	A coupled interpolating meshfree method for computing sound radiation in infinite domain. International Journal for Numerical Methods in Engineering, 2018, 113, 1466-1487.	2.8	11
135	Secure attribute-based data sharing for resource-limited users in cloud computing. Computers and Security, 2018, 72, 1-12.	6.0	384
136	JFCGuard: Detecting juice filming charging attack via processor usage analysis on smartphones. Computers and Security, 2018, 76, 252-264.	6.0	22
137	Twitter spam detection: Survey of new approaches and comparative study. Computers and Security, 2018, 76, 265-284.	6.0	116
138	A matrix-based cross-layer key establishment protocol for smart homes. Information Sciences, 2018, 429, 390-405.	6.9	19
139	Blockchain-based publicly verifiable data deletion scheme for cloud storage. Journal of Network and Computer Applications, 2018, 103, 185-193.	9.1	114
140	Privacy-Preserving and Lightweight Key Agreement Protocol for V2G in the Social Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2526-2536.	8.7	94
141	Vertical ductility demand and residual displacement of roof-type steel structures subjected to vertical earthquake ground motions. Soil Dynamics and Earthquake Engineering, 2018, 104, 259-275.	3.8	8
142	Security Measurements of Cyber Networks. Security and Communication Networks, 2018, 2018, 1-2.	1.5	1
143	Trap-Aware Compact Modeling and Power-Performance Assessment of III-V Tunnel FET. , 2018, , .		0
144	Anomaly-Based Insider Threat Detection Using Deep Autoencoders. , 2018, , .		40

#	Article	IF	Citations
145	Who Spread to Whom? Inferring Online Social Networks with User Features. , 2018, , .		2
146	A Data-driven Attack against Support Vectors of SVM. , 2018, , .		4
147	Differential Private POI Queries via Johnson-Lindenstrauss Transform. IEEE Access, 2018, 6, 29685-29699.	4.2	3
148	Built-In Sheet Charge As an Alternative to Dopant Pockets in Tunnel Field-Effect Transistors`. IEEE Journal of the Electron Devices Society, 2018, 6, 658-663.	2.1	3
149	Privacy-preserving machine learning with multiple data providers. Future Generation Computer Systems, 2018, 87, 341-350.	7.5	74
150	TouchWB : Touch behavioral user authentication based on web browsing on smartphones. Journal of Network and Computer Applications, 2018, 117, 1-9.	9.1	51
151	Cross-Project Transfer Representation Learning for Vulnerable Function Discovery. IEEE Transactions on Industrial Informatics, 2018, 14, 3289-3297.	11.3	135
152	DedupDUM: Secure and scalable data deduplication with dynamic user management. Information Sciences, 2018, 456, 159-173.	6.9	35
153	A fog-based privacy-preserving approach for distributed signature-based intrusion detection. Journal of Parallel and Distributed Computing, 2018, 122, 26-35.	4.1	63
154	A Novel Secure Scheme for Supporting Complex SQL Queries over Encrypted Databases in Cloud Computing. Security and Communication Networks, 2018, 2018, 1-15.	1.5	8
155	Guest Editor's Introduction to the Special Section on Social Network Security. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 549-550.	5.4	0
156	Density-Based Location Preservation for Mobile Crowdsensing With Differential Privacy. IEEE Access, 2018, 6, 14779-14789.	4.2	33
157	Robust Reputation-Based Cooperative Spectrum Sensing via Imperfect Common Control Channel. IEEE Transactions on Vehicular Technology, 2018, 67, 3950-3963.	6.3	26
158	Probabilistic inelastic seismic demand spectra for large-span planar steel structures subjected to vertical ground motions. Engineering Structures, 2018, 174, 646-662.	5.3	4
159	Dissemination of Authenticated Tree-Structured Data with Privacy Protection and Fine-Grained Control in Outsourced Databases. Lecture Notes in Computer Science, 2018, , 167-186.	1.3	8
160	Distributed Detection of Zero-Day Network Traffic Flows. Communications in Computer and Information Science, 2018, , 173-191.	0.5	0
161	Attribute-Based Access Control with Constant-Size Ciphertext in Cloud Computing. IEEE Transactions on Cloud Computing, 2017, 5, 617-627.	4.4	55
162	Fully Reversible Privacy Region Protection for Cloud Video Surveillance. IEEE Transactions on Cloud Computing, 2017, 5, 510-522.	4.4	21

#	Article	IF	Citations
163	Investigating the deceptive information in Twitter spam. Future Generation Computer Systems, 2017, 72, 319-326.	7.5	38
164	A CPS framework based perturbation constrained buffer planning approach in VLSI design. Journal of Parallel and Distributed Computing, 2017, 103, 3-10.	4.1	6
165	Twitter spam detection based on deep learning. , 2017, , .		92
166	Security and privacy in social networks. Concurrency Computation Practice and Experience, 2017, 29, e4093.	2.2	4
167	Adaptive Multimedia Data Forwarding for Privacy Preservation in Vehicular Ad-Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2629-2641.	8.0	53
168	A new lightweight RFID grouping authentication protocol for multiple tags in mobile environment. Multimedia Tools and Applications, 2017, 76, 22761-22783.	3.9	18
169	Crossed Cube Ring: A k -connected virtual backbone for wireless sensor networks. Journal of Network and Computer Applications, 2017, 91, 75-88.	9.1	5
170	Personalized Privacy Preserving Collaborative Filtering. Lecture Notes in Computer Science, 2017, , 371-385.	1.3	6
171	Towards Accurate Statistical Analysis of Security Margins: New Searching Strategies for Differential Attacks. IEEE Transactions on Computers, 2017, 66, 1763-1777.	3.4	15
172	Network Coding Based Converge-Cast Scheme in Wireless Sensor Networks. Wireless Personal Communications, 2017, 96, 4947-4972.	2.7	3
173	The Spatial–Temporal Perspective: The Study of the Propagation of Modern Social Worms. IEEE Transactions on Information Forensics and Security, 2017, 12, 2558-2573.	6.9	13
174	The structure of communities in scale–free networks. Concurrency Computation Practice and Experience, 2017, 29, e4040.	2.2	11
175	Statistical Twitter Spam Detection Demystified: Performance, Stability and Scalability. IEEE Access, 2017, 5, 11142-11154.	4.2	31
176	Geographic spatiotemporal big data correlation analysis via the Hilbert–Huang transformation. Journal of Computer and System Sciences, 2017, 89, 130-141.	1.2	15
177	A practical cross-datacenter fault-tolerance algorithm in the cloud storage system. Cluster Computing, 2017, 20, 1801-1813.	5.0	4
178	A general framework for secure sharing of personal health records in cloud system. Journal of Computer and System Sciences, 2017, 90, 46-62.	1.2	60
179	MIPE: a practical memory integrity protection method in a trusted execution environment. Cluster Computing, 2017, 20, 1075-1087.	5.0	13
180	MBSA: a lightweight and flexible storage architecture for virtual machines. Concurrency Computation Practice and Experience, 2017, 29, e4028.	2.2	1

#	Article	IF	Citations
181	Joint affinity aware grouping and virtual machine placement. Microprocessors and Microsystems, 2017, 52, 365-380.	2.8	11
182	Identifying Propagation Sources in Networks: State-of-the-Art and Comparative Studies. IEEE Communications Surveys and Tutorials, 2017, 19, 465-481.	39.4	148
183	Embedded Device Forensics and Security. Transactions on Embedded Computing Systems, 2017, 16, 1-5.	2.9	3
184	Addressing the class imbalance problem in Twitter spam detection using ensemble learning. Computers and Security, 2017, 69, 35-49.	6.0	78
185	An extended modal pushover procedure for estimating the in-plane seismic responses of latticed arches. Soil Dynamics and Earthquake Engineering, 2017, 93, 42-60.	3.8	18
186	TC-Release++: An Efficient Timestamp-Based Coherence Protocol for Many-Core Architectures. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 3313-3327.	5.6	2
187	Detecting spamming activities in twitter based on deepâ€learning technique. Concurrency Computation Practice and Experience, 2017, 29, e4209.	2.2	25
188	Estimating the response of steel structures subjected to vertical seismic excitation: Idealized model and inelastic displacement ratio. Engineering Structures, 2017, 148, 225-238.	5.3	21
189	Statistical Features-Based Real-Time Detection of Drifted Twitter Spam. IEEE Transactions on Information Forensics and Security, 2017, 12, 914-925.	6.9	101
190	Associative retrieval in spatial big data based on spreading activation with semantic ontology. Future Generation Computer Systems, 2017, 76, 499-509.	7.5	8
191	Secure independent-update concise-expression access control for video on demand in cloud. Information Sciences, 2017, 387, 75-89.	6.9	5
192	Attribute-based data access control in mobile cloud computing: Taxonomy and open issues. Future Generation Computer Systems, 2017, 72, 273-287.	7.5	71
193	Using epidemic betweenness to measure the influence of users in complex networks. Journal of Network and Computer Applications, 2017, 78, 288-299.	9.1	32
194	A bayesian inference-based detection mechanism to defend medical smartphone networks against insider attacks. Journal of Network and Computer Applications, 2017, 78, 162-169.	9.1	69
195	How Spam Features Change in Twitter and the Impact to Machine Learning Based Detection. Lecture Notes in Computer Science, 2017, , 898-904.	1.3	2
196	Fuzzy-Based Information Decomposition for Incomplete and Imbalanced Data Learning. IEEE Transactions on Fuzzy Systems, 2017, 25, 1476-1490.	9.8	59
197	Connection Characteristics of High Nitrogen Steel Electron Beam Welding. DEStech Transactions on Engineering and Technology Research, 2017, , .	0.0	0
198	An Ensemble Learning Approach for Addressing the Class Imbalance Problem in Twitter Spam Detection. Lecture Notes in Computer Science, 2016, , 215-228.	1.3	8

#	Article	IF	Citations
199	Trustworthiness-hypercube-based reliable communication in mobile social networks. Information Sciences, 2016, 369, 34-50.	6.9	19
200	Comprehensive Analysis of Network Traffic Data. , 2016, , .		11
201	Password-Authenticated Group Key Exchange. ACM Transactions on Internet Technology, 2016, 16, 1-20.	4.4	11
202	Modelling of mixed hub-and-spoke express freight network considering customer satisfaction. , 2016, , .		0
203	Design of an improved high-gain omnidirectional printed dipole antenna. , 2016, , .		1
204	Miniaturized dual-band circularly polarized antenna design and realization based on cavity resonator structure. , 2016, , .		0
205	Security and reliability in big data. Concurrency Computation Practice and Experience, 2016, 28, 581-582.	2.2	2
206	On the Race of Worms and Patches: Modeling the Spread of Information in Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2016, 11, 2854-2865.	6.9	52
207	Gatekeeping Behavior Analysis for Information Credibility Assessment on Weibo. Lecture Notes in Computer Science, 2016, , 483-496.	1.3	1
208	Load-bearing capacity of occlusive high-strength bolt connections. Journal of Constructional Steel Research, 2016, 127, 1-14.	3.9	17
209	Privacy preserving in cloud computing environment. Security and Communication Networks, 2016, 9, 2752-2753.	1.5	5
210	Privacy Preserving Scheme for Location and Content Protection in Location-Based Services. Lecture Notes in Computer Science, 2016, , 26-38.	1.3	2
211	Security and privacy in big data. Concurrency Computation Practice and Experience, 2016, 28, 2856-2857.	2.2	1
212	SEMD: Secure and efficient message dissemination with policy enforcement in VANET. Journal of Computer and System Sciences, 2016, 82, 1316-1328.	1.2	44
213	Statistical Detection of Online Drifting Twitter Spam. , 2016, , .		21
214	Comments and Corrections. IEEE Transactions on Computational Social Systems, 2016, 3, 42-42.	4.4	1
215	Efficient consolidation-aware VCPU scheduling on multicore virtualization platform. Future Generation Computer Systems, 2016, 56, 229-237.	7.5	7
216	Spammers Are Becoming "Smarter" on Twitter. IT Professional, 2016, 18, 66-70.	1.5	20

#	Article	IF	Citations
217	A General Collaborative Framework for Modeling and Perceiving Distributed Network Behavior. IEEE/ACM Transactions on Networking, 2016, 24, 3162-3176.	3.8	9
218	Efficient Network Security Policy Enforcement With Policy Space Analysis. IEEE/ACM Transactions on Networking, 2016, 24, 2926-2938.	3.8	11
219	Two-Factor Data Security Protection Mechanism for Cloud Storage System. IEEE Transactions on Computers, 2016, 65, 1992-2004.	3.4	56
220	Certificate-based encryption resilient to key leakage. Journal of Systems and Software, 2016, 116, 101-112.	4.5	42
221	Fuzzy-Based Feature and Instance Recovery. Lecture Notes in Computer Science, 2016, , 605-615.	1.3	5
222	Frontier technologies of trust computing and network security. Concurrency Computation Practice and Experience, 2015, 27, 2907-2909.	2.2	1
223	Availability, resilience, and fault tolerance of internet and distributed computing systems. Concurrency Computation Practice and Experience, 2015, 27, 2503-2505.	2.2	1
224	Real time cyber attack analysis on Hadoop ecosystem using machine learning algorithms. , 2015, , .		2
225	AMC: an adaptive multiâ€level cache algorithm in hybrid storage systems. Concurrency Computation Practice and Experience, 2015, 27, 4230-4246.	2.2	6
226	FLAX: A Flexible Architecture for Large Scale Cloud Fabric. , 2015, , .		0
227	Detecting stepping stones by abnormal causality probability. Security and Communication Networks, 2015, 8, 1831-1844.	1.5	0
228	Verifiable Auditing for Outsourced Database in Cloud Computing. IEEE Transactions on Computers, 2015, 64, 3293-3303.	3.4	123
229	ANGEL: Agent-Based Scheduling for Real-Time Tasks in Virtualized Clouds. IEEE Transactions on Computers, 2015, 64, 3389-3403.	3.4	45
230	Research on the Relationship Between Reduction of State-Owned Shares and Enterprise Valueâ€"the Empirical Data from a-Share Listed Companies of China. IEEE International Conference on Industrial Engineering and Engineering Management, 2015, , 567-571.	0.1	0
231	Asymmetric self-learning for tackling Twitter Spam Drift. , 2015, , .		18
232	Unknown pattern extraction for statistical network protocol identification. , 2015, , .		2
233	Enhanced Twitter Sentiment Analysis by Using Feature Selection and Combination. , 2015, , .		12
234	A Performance Evaluation of Machine Learning-Based Streaming Spam Tweets Detection. IEEE Transactions on Computational Social Systems, 2015, 2, 65-76.	4.4	95

#	ARTICLE	IF	CITATIONS
235	A Secure and Efficient Data Sharing Framework with Delegated Capabilities in Hybrid Cloud. , 2015, , .		6
236	The Relation Between Local and Global Influence of Individuals in Scale-Free Networks. , 2015, , .		0
237	A privacy-preserving location tracking system for smartphones based on cloud storage. Security and Communication Networks, 2015, 8, 446-458.	1.5	1
238	Secure Distributed Deduplication Systems with Improved Reliability. IEEE Transactions on Computers, 2015, 64, 3569-3579.	3.4	136
239	A Lightweight Virtualization Solution for Android Devices. IEEE Transactions on Computers, 2015, 64, 2741-2751.	3.4	27
240	Cloud Computing: Security, Privacy and Practice. Future Generation Computer Systems, 2015, 52, 59-60.	7.5	8
241	Target coverage through distributed clustering in directional sensor networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	15
242	6 million spam tweets: A large ground truth for timely Twitter spam detection. , 2015, , .		75
243	Anonymous Credential-Based Access Control Scheme for Clouds. IEEE Cloud Computing, 2015, 2, 34-43.	3.9	12
244	K-Center: An Approach on the Multi-Source Identification of Information Diffusion. IEEE Transactions on Information Forensics and Security, 2015, 10, 2616-2626.	6.9	57
245	Robust Network Traffic Classification. IEEE/ACM Transactions on Networking, 2015, 23, 1257-1270.	3.8	291
246	FESTAL: Fault-Tolerant Elastic Scheduling Algorithm for Real-Time Tasks in Virtualized Clouds. IEEE Transactions on Computers, 2015, 64, 2545-2558.	3.4	83
247	Dominating Set and Network Coding-Based Routing in Wireless Mesh Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 423-433.	5.6	50
248	Cost-Effective Authentic and Anonymous Data Sharing with Forward Security. IEEE Transactions on Computers, 2015, 64, 971-983.	3.4	93
249	A Stochastic Time-Domain Model for Burst Data Aggregation in IEEE 802.15.4 Wireless Sensor Networks. IEEE Transactions on Computers, 2015, 64, 627-639.	3.4	10
250	Dynamic cloud service selection using an adaptive learning mechanism in multi-cloud computing. Journal of Systems and Software, 2015, 100, 195-210.	4.5	63
251	A Sword with Two Edges: Propagation Studies on Both Positive and Negative Information in Online Social Networks. IEEE Transactions on Computers, 2015, 64, 640-653.	3.4	142
252	Obtain confidentiality or/and authenticity in Big Data by ID-based generalized signcryption. Information Sciences, 2015, 318, 111-122.	6.9	49

#	Article	IF	Citations
253	A Secure Cloud Computing Based Framework for Big Data Information Management of Smart Grid. IEEE Transactions on Cloud Computing, 2015, 3, 233-244.	4.4	199
254	A strong provably secure IBE scheme without bilinear map. Journal of Computer and System Sciences, 2015, 81, 125-131.	1.2	11
255	A Framework for Cloud-Based Healthcare Services to Monitor Noncommunicable Diseases Patient. International Journal of Distributed Sensor Networks, 2015, 11, 985629.	2.2	25
256	Trust, Security, and Privacy in Next-Generation Wireless Sensor Networks 2014. International Journal of Distributed Sensor Networks, 2015, 11, 958190.	2.2	1
257	Guest Editors' Introduction: Special Issue on Trust, Security, and Privacy in Parallel and Distributed Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 279-282.	5.6	1
258	Are the popular users always important for information dissemination in online social networks?. IEEE Network, 2014, 28, 64-67.	6.9	14
259	Message from the TrustCom 2014 Workshop/Symposium Chairs. , 2014, , .		0
260	Message from the UbiSafe 2014 Symposium Chairs. , 2014, , .		0
261	Detecting replicated nodes in Wireless Sensor Networks using random walks and network division. , 2014, , .		14
262	An analytical model for optimal spectrum leasing under constraints of quality of service in CRNs. Computer Networks, 2014, 74, 71-80.	5.1	4
263	Detecting clones in wireless sensor networks using Single Stage Memory Random Walk with Network Division. , 2014, , .		2
264	Enabling Cloud Computing in Emergency Management Systems. IEEE Cloud Computing, 2014, 1, 60-67.	3.9	106
265	FEACS: A Flexible and Efficient Access Control Scheme for Cloud Computing. , 2014, , .		8
266	Editorial: Special Issue on Theory and Applications in Parallel and Distributed Computing Systems. Journal of Computer and System Sciences, 2014, 80, 1491-1492.	1.2	0
267	Cryptography in Cloud Computing. Future Generation Computer Systems, 2014, 30, 90.	7.5	1
268	Internet traffic clustering with side information. Journal of Computer and System Sciences, 2014, 80, 1021-1036.	1.2	32
269	Modeling the Propagation of Worms in Networks: A Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 942-960.	39.4	135
270	Further Observations on Smart-Card-Based Password-Authenticated Key Agreement in Distributed Systems. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1767-1775.	5.6	71

#	Article	IF	Citations
271	Detection and defense of application-layer DDoS attacks in backbone web traffic. Future Generation Computer Systems, 2014, 38, 36-46.	7.5	93
272	Chameleon Hashing for Secure and Privacy-Preserving Vehicular Communications. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2794-2803.	5.6	48
273	Robustness enhancement of quantization based audio watermarking method using adaptive safe-band. , 2014, , .		0
274	Security from the transparent computing aspect. , 2014, , .		6
275	To Shut Them Up or to Clarify: Restraining the Spread of Rumors in Online Social Networks. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3306-3316.	5.6	99
276	Securely Outsourcing Attribute-Based Encryption with Checkability. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2201-2210.	5.6	365
277	Internet Traffic Classification Using Constrained Clustering. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2932-2943.	5.6	81
278	Modeling and Analysis on the Propagation Dynamics of Modern Email Malware. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 361-374.	5.4	58
279	Control Flow-Based Malware VariantDetection. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 307-317.	5.4	103
280	Secure Outsourced Attribute-Based Signatures. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3285-3294.	5.6	95
281	Spam Trapping System: Novel security framework to fight against spam botnets. , 2014, , .		6
282	Robust Multi-Factor Authentication for Fragile Communications. IEEE Transactions on Dependable and Secure Computing, 2014, 11, 568-581.	5.4	105
283	Message from U-Science 2014 Program Chairs. , 2014, , .		0
284	Towards Designing an Email Classification System Using Multi-view Based Semi-supervised Learning. , 2014, , .		4
285	A Cross-Layer Key Establishment Scheme in Wireless Mesh Networks. Lecture Notes in Computer Science, 2014, , 526-541.	1.3	8
286	On Addressing the Imbalance Problem: A Correlated KNN Approach for Network Traffic Classification. Lecture Notes in Computer Science, 2014, , 138-151.	1.3	5
287	A Novel Method for Detecting Double Compressed Facebook JPEG Images. Communications in Computer and Information Science, 2014, , 191-198.	0.5	2
288	Novel Z-Domain Precoding Method for Blind Separation of Spatially Correlated Signals. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 94-105.	11.3	14

#	Article	IF	Citations
289	A clustering based coscheduling strategy for efficient scientific workflow execution in cloud computing. Concurrency Computation Practice and Experience, 2013, 25, 2523-2539.	2.2	20
290	Modeling Propagation Dynamics of Social Network Worms. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1633-1643.	5.6	87
291	Malwiseâ€"An Effective and Efficient Classification System for Packed and Polymorphic Malware. IEEE Transactions on Computers, 2013, 62, 1193-1206.	3.4	78
292	Traffic Identification in Semi-known Network Environment. , 2013, , .		3
293	Internet Traffic Classification by Aggregating Correlated Naive Bayes Predictions. IEEE Transactions on Information Forensics and Security, 2013, 8, 5-15.	6.9	134
294	Evolution of cooperation in reputation system byÂgroup-based scheme. Journal of Supercomputing, 2013, 63, 171-190.	3.6	8
295	Unsupervised traffic classification using flow statistical properties and IP packet payload. Journal of Computer and System Sciences, 2013, 79, 573-585.	1.2	69
296	An Effective Network Traffic Classification Method with Unknown Flow Detection. IEEE Transactions on Network and Service Management, 2013, 10, 133-147.	4.9	98
297	Modeling Oscillation Behavior of Network Traffic by Nested Hidden Markov Model with Variable State-Duration. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1807-1817.	5.6	30
298	Robust image retrieval with hidden classes. Computer Vision and Image Understanding, 2013, 117, 670-679.	4.7	4
299	Resisting Web Proxy-Based HTTP Attacks by Temporal and Spatial Locality Behavior. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1401-1410.	5.6	22
300	How to achieve non-repudiation of origin with privacy protection in cloud computing. Journal of Computer and System Sciences, 2013, 79, 1200-1213.	1.2	19
301	Fault-Tolerant Topology Control Based on Artificial Immune Theory in WMNs. Lecture Notes in Computer Science, 2013, , 590-598.	1.3	1
302	Towards Designing Privacy-Preserving Signature-Based IDS as a Service: A Study and Practice. , 2013, , .		9
303	Matrix-based pairwise key establishment in wireless mesh networks using deployment knowledge. , 2013, , .		8
304	Analysis of a patchwork-based audio watermarking scheme. , 2013, , .		0
305	Mobile Phone Sensing Systems: A Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 402-427.	39.4	464
306	Detection and Mitigation of Node Replication Attacks in Wireless Sensor Networks: A Survey. International Journal of Distributed Sensor Networks, 2013, 9, 149023.	2.2	37

#	Article	IF	Citations
307	Robust network traffic identification with unknown applications. , 2013, , .		13
308	A Matrix-Based Pairwise Key Establishment Scheme for Wireless Mesh Networks Using Pre Deployment Knowledge. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 331-340.	4.6	17
309	Network Traffic Classification Using Correlation Information. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 104-117.	5.6	262
310	Advances in parallel, distributed, embedded, and ubiquitous systems. Concurrency Computation Practice and Experience, 2013, 25, 1985-1986.	2.2	0
311	An Effective Deferentially Private Data Releasing Algorithm for Decision Tree. , 2013, , .		11
312	Network traffic clustering using Random Forest proximities. , 2013, , .		13
313	A Markov model of safety message broadcasting for vehicular networks. , 2013, , .		11
314	TSP 2013: Message from Workshop Chairs. , 2013, , .		0
315	TrustCom 2013: Message from the Program Chairs. , 2013, , .		0
316	IUCC 2013: Message from the Program Chairs. , 2013, , .		0
317	Zero-Day Traffic Identification. Lecture Notes in Computer Science, 2013, , 213-227.	1.3	7
318	Trust, Security, and Privacy in Next-Generation Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 956736.	2.2	13
319	Detecting Stepping Stones by Abnormal Causality Probability. Lecture Notes in Computer Science, 2013, , 308-322.	1.3	0
320	Modeling and Analysis for Thwarting Worm Propagation in Email Networks. Lecture Notes in Computer Science, 2013, , 763-769.	1.3	0
321	Internet traffic clustering with constraints. , 2012, , .		6
322	Advances in Network and System Security: Editorial Statement. Computer Journal, 2012, 55, 382-383.	2.4	1
323	Semi-supervised and compound classification of network traffic. International Journal of Security and Networks, 2012, 7, 252.	0.2	4
324	An Analytical Model on the Propagation of Modern Email Worms. , 2012, , .		0

#	Article	IF	Citations
325	Semi-supervised and Compound Classification of Network Traffic. , 2012, , .		8
326	Classification of Correlated Internet Traffic Flows. , 2012, , .		5
327	Wire -- A Formal Intermediate Language for Binary Analysis. , 2012, , .		4
328	Special issue on security in ubiquitous computing. Security and Communication Networks, 2012, 5, 1221-1222.	1.5	0
329	Static Analysis of Binaries. SpringerBriefs in Computer Science, 2012, , 41-49.	0.2	1
330	CAFS: a novel lightweight cache-based scheme for large-scale intrusion alert fusion. Concurrency Computation Practice and Experience, 2012, 24, 1137-1153.	2.2	3
331	A QoSâ€based fineâ€grained reputation system in the grid environment. Concurrency Computation Practice and Experience, 2012, 24, 1990-2006.	2.2	5
332	Advances in network and system security. Concurrency Computation Practice and Experience, 2012, 24, 1035-1036.	2.2	0
333	Generating regular expression signatures for network traffic classification in trusted network management. Journal of Network and Computer Applications, 2012, 35, 992-1000.	9.1	62
334	Locating Defense Positions for Thwarting the Propagation of Topological Worms. IEEE Communications Letters, 2012, 16, 560-563.	4.1	19
335	A novel semi-supervised approach for network traffic clustering. , 2011, , .		32
336	Modeling worms propagation on probability. , 2011, , .		1
337	Polymorphic Malware Detection Using Hierarchical Hidden Markov Model. , 2011, , .		10
338	Browsing behavior mimicking attacks on popular web sites for large botnets. , 2011, , .		5
339	Absorption of Carbon Dioxide with Ionic Liquid in a Rotating Packed Bed Contactor: Mass Transfer Study. Industrial & Engineering Chemistry Research, 2011, 50, 6957-6964.	3.7	105
340	A Generic Framework for Three-Factor Authentication: Preserving Security and Privacy in Distributed Systems. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1390-1397.	5.6	191
341	Malware Variant Detection Using Similarity Search over Sets of Control Flow Graphs. , 2011, , .		38
342	Secure Image Retrieval Based on Visual Content and Watermarking Protocol. Computer Journal, 2011, 54, 1661-1674.	2.4	9

#	Article	IF	Citations
343	Eliminating Errors in Worm Propagation Models. IEEE Communications Letters, 2011, 15, 1022-1024.	4.1	9
344	TrustCom 2011 Welcome Message from the Program Chairs. , 2011, , .		0
345	Optimistic Fair Exchange with Strong Resolution-Ambiguity. IEEE Journal on Selected Areas in Communications, 2011, 29, 1491-1502.	14.0	5
346	Low-Rate DDoS Attacks Detection and Traceback by Using New Information Metrics. IEEE Transactions on Information Forensics and Security, 2011, 6, 426-437.	6.9	290
347	Secure localization with attack detection in wireless sensor networks. International Journal of Information Security, 2011, 10, 155-171.	3.4	30
348	Cloud security defence to protect cloud computing against HTTP-DoS and XML-DoS attacks. Journal of Network and Computer Applications, 2011, 34, 1097-1107.	9.1	193
349	A secure and efficient data aggregation scheme for wireless sensor networks. Concurrency Computation Practice and Experience, 2011, 23, 1414-1430.	2.2	8
350	Editorial: Advances in network and system security. Computers and Security, 2011, 30, 295-296.	6.0	1
351	Special Section: Trusted computing. Future Generation Computer Systems, 2011, 27, 527-528.	7.5	0
352	Message from EUC 2011 Program Committee Chairs. , 2011, , .		0
353	Defending against Large-Scale and Coordinated Attacks in the Ubiquitous Environments. , 2011, , .		1
354	Trust Ticket Deployment: A Notion of a Data Owner's Trust in Cloud Computing. , 2011, , .		12
355	Internet Traffic Classification Using Machine Learning: A Token-based Approach. , 2011, , .		6
356	The Microcosmic Model of Worm Propagation. Computer Journal, 2011, 54, 1700-1720.	2.4	11
357	Cationic polymerization in rotating packed bed reactor: Experimental and modeling. AICHE Journal, 2010, 56, 1053-1062.	3.6	26
358	Message from the DMWPC 2010 Workshop Chairs. , 2010, , .		0
359	Message from the AHPCN-10 Symposium Chairs. , 2010, , .		0
360	Message from the NSS 2010 Program Chairs. , 2010, , .		0

#	Article	IF	Citations
361	Email classification using data reduction method. , 2010, , .		19
362	Defending against the propagation of active worms. Journal of Supercomputing, 2010, 51, 167-200.	3.6	4
363	A microscopic competition model and its dynamics analysis on network attacks. Concurrency Computation Practice and Experience, 2010, 22, 503-517.	2.2	4
364	An automatic application signature construction system for unknown traffic. Concurrency Computation Practice and Experience, 2010, 22, 1927-1944.	2.2	38
365	Modeling the propagation of Peer-to-Peer worms. Future Generation Computer Systems, 2010, 26, 1433-1443.	7.5	31
366	Comparison of tightly and loosely coupled decision paradigms in multiagent expedition. International Journal of Approximate Reasoning, 2010, 51, 600-613.	3.3	7
367	Security in next generation wireless networks. Security and Communication Networks, 2010, 3, 1-3.	1.5	2
368	Automatic Application Signature Construction from Unknown Traffic. , 2010, , .		11
369	Fault-tolerant scheduling with dynamic number of replicas in heterogeneous systems. , 2010, , .		54
370	Above the Trust and Security in Cloud Computing: A Notion Towards Innovation. , 2010, , .		34
371	A Lightweight Intrusion Alert Fusion System. , 2010, , .		3
372	Modeling the propagation of Peer-to-Peer worms under quarantine. , 2010, , .		6
373	A Fast Flowgraph Based Classification System for Packed and Polymorphic Malware on the Endhost. , 2010, , .		31
374	Propagation Modeling of Peer-to-Peer Worms. , 2010, , .		7
375	Further Observations on Optimistic Fair Exchange Protocols in the Multi-user Setting. Lecture Notes in Computer Science, 2010, , 124-141.	1.3	8
376	Defending Grid Web Services from XDoS attacks by SOTA. , 2009, , .		11
377	Spam filtering for network traffic security on a multi-core environment. Concurrency Computation Practice and Experience, 2009, 21, 1307-1320.	2.2	15
378	Large-scale network intrusion detection based on distributed learning algorithm. International Journal of Information Security, 2009, 8, 25-35.	3.4	10

#	Article	IF	Citations
379	Managing email overload with an automatic nonparametric clustering system. Journal of Supercomputing, 2009, 48, 227-242.	3.6	8
380	An innovative analyser for multi-classifier e-mail classification based on grey list analysis. Journal of Network and Computer Applications, 2009, 32, 357-366.	9.1	27
381	Flexible Deterministic Packet Marking: An IP Traceback System to Find the Real Source of Attacks. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 567-580.	5.6	126
382	A Time-decay Based P2P Trust Model. , 2009, , .		4
383	Modeling the Propagation Process of Topology-Aware Worms: An Innovative Logic Matrix Formulation. , 2009, , .		2
384	Message from CSS 2009 Workshop Chairs. , 2009, , .		0
385	Checkpointing schemes for Grid workflow systems. Concurrency Computation Practice and Experience, 2008, 20, 1773-1790.	2.2	1
386	Detecting and Tracing DDoS Attacks by Intelligent Decision Prototype. , 2008, , .		11
387	Multi-Core Defense System (MSDS) for Protecting Computer Infrastructure against DDoS Attacks. , 2008, , .		5
388	A Multi-core Supported Intrusion Detection System. , 2008, , .		5
389	Using Multi-Core Processors to Support Network Security Applications. , 2008, , .		12
390	Ubiquitous Multicore (UM) Methodology for Multimedia. , 2008, , .		3
391	Shortening the Slow Start Phase in the Propagation of Active Worms. , 2008, , .		2
392	Protecting Information Systems from DDoS Attack Using Multicore Methodology. , 2008, , .		13
393	Multi-core Security Defense System (MSDS). , 2008, , .		3
394	Protecting web services with Service Oriented Traceback Architecture. , 2008, , .		7
395	Defending against the Propagation of Active Worms. , 2008, , .		1
396	Message from the General and Program Committee Chairs. , 2008, , .		0

#	Article	IF	Citations
397	Message from the NSS 2008 Chairs. , 2008, , .		0
398	Accelerating the Propagation of Active Worms by Employing Multiple Target Discovery Techniques. Lecture Notes in Computer Science, 2008, , 150-161.	1.3	4
399	Using Multi-core to Support Security-Related Applications. , 2008, , 316-317.		0
400	On the Effectiveness of Flexible Deterministic Packet Marking for DDoS Defense. , 2007, , .		4
401	Pervasive computing at tableside: a wireless web€based ordering system. International Journal of Pervasive Computing and Communications, 2007, 3, 82-101.	1.3	1
402	Spam Classification Using Adaptive Boosting Algorithm. , 2007, , .		9
403	Tractable Optimal Multiagent Collaborative Design. , 2007, , .		1
404	Defending against Distributed Denial of Service. , 2007, , 121-129.		0
405	Managing Email Overload with an Automatic Nonparametric Clustering Approach. Lecture Notes in Computer Science, 2007, , 81-90.	1.3	2
406	Simulation and Analysis of DDoS in Active Defense Environment. Lecture Notes in Computer Science, 2007, , 878-886.	1.3	1
407	On the Effectiveness of Flexible Deterministic Packet Marking for DDoS Defense. , 2007, , .		0
408	An Analytical Model for DDoS Attacks and Defense. , 2006, , .		5
409	Performance Optimization of Checkpointing Schemes with Task Duplication. , 2006, , .		0
410	An Intrusion Surveillance System to Detect IRC-based DDoS Attacks. , 2006, , .		1
411	Optimizing Adaptive Checkpointing Schemes for Grid Workflow Systems. , 2006, , .		5
412	Protecting information infrastructure from DDoS attacks by MADF. International Journal of High Performance Computing and Networking, 2006, 4, 357.	0.4	14
413	Factors Influencing the Organic Acids Content in Final Malt. Journal of the American Society of Brewing Chemists, 2006, 64, 222-227.	1.1	12
414	Protecting web applications from DDoS attacks by an active distributed defense system. International Journal of Web Information Systems, 2006, 2, 37-44.	2.4	6

#	Article	IF	Citations
415	Preface - Message from General and Program Chairs. , 2006, , .		1
416	Mathematical Analysis of Active DDoS Defense Systems. , 2006, , .		1
417	Mark-aided distributed filtering by using neural network for DDoS defense. , 2005, , .		18
418	Intelligent DDoS Packet Filtering in High-Speed Networks. Lecture Notes in Computer Science, 2005, , 395-406.	1.3	2
419	Safeguard Information Infrastructure Against DDoS Attacks: Experiments and Modeling. Lecture Notes in Computer Science, 2005, , 320-333.	1.3	0
420	GHIRS: Integration of Hotel Management Systems by Web Services. Lecture Notes in Computer Science, 2004, , 1002-1009.	1.3	3
421	A Decision-Theoretic Graphical Model for Collaborative Design on Supply Chains. Lecture Notes in Computer Science, 2004, , 355-369.	1.3	9
422	Towards Extended Machine Translation Model for Next Generation World Wide Web. Lecture Notes in Computer Science, 2004, , 1017-1020.	1.3	0
423	Object-oriented finite element analysis: a distributed approach to mesh generation. , 0, , .		0
424	The design and development of an integrated system for object-oriented finite element computing. , 0, , .		0
425	A Web-DB model on multicast and anycast. , 0, , .		0
426	Trace IP packets by flexible deterministic packet marking (FDPM). , 0, , .		15
427	A Defense System against DDoS Attacks by Large-Scale IP Traceback. , 0, , .		12
428	An efficient anonymous remote attestation scheme for trusted computing based on improved CPK. Electronic Commerce Research, 0, , .	5.0	1