Surya Nepal

List of Publications by Year
in descending order

322 papers	7,729 citations	109137 35 h-index	95083 68 g-index
332 all docs	332 docs citations	332 times ranked	6271 citing authors

#	Article	IF	Citations
1	A Comprehensive Survey on Community Detection With Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-21.	7.2	129
2	ShieldDB: An Encrypted Document Database With Padding Countermeasures. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 4236-4252.	4.0	3
3	Cyber Code Intelligence for Android Malware Detection. IEEE Transactions on Cybernetics, 2023, 53, 617-627.	6.2	12
4	Preserving Privacy for Distributed Genome-Wide Analysis Against Identity Tracing Attacks. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 3341-3357.	3.7	3
5	SAM: Multi-turn Response Selection Based on Semantic Awareness Matching. ACM Transactions on Internet Technology, 2023, 23, 1-18.	3.0	0
6	TREVERSE: TRial-and-Error Lightweight Secure ReVERSE Authentication With Simulatable PUFs. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 419-437.	3.7	5
7	Backdoor Attacks Against Transfer Learning With Pre-Trained Deep Learning Models. IEEE Transactions on Services Computing, 2022, 15, 1526-1539.	3.2	29
8	Securely and Efficiently Outsourcing Decision Tree Inference. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1841-1855.	3.7	18
9	Privacy-Preserving Collaborative Analytics on Medical Time Series Data. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1687-1702.	3.7	7
10	Geometric Range Search on Encrypted Data With Forward/Backward Security. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 698-716.	3.7	7
11	Defending Against Adversarial Attack Towards Deep Neural Networks Via Collaborative Multi-Task Training. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 953-965.	3.7	9
12	Daedalus: Breaking Nonmaximum Suppression in Object Detection via Adversarial Examples. IEEE Transactions on Cybernetics, 2022, 52, 7427-7440.	6.2	24
13	Design and Evaluation of a Multi-Domain Trojan Detection Method on Deep Neural Networks. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2349-2364.	3.7	14
14	Orchestration or Automation: Authentication Flaw Detection in Android Apps. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2165-2178.	3.7	2
15	Blockchain-Based Secure and Lightweight Authentication for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 3321-3332.	5.5	28
16	Efficient and Anonymous Authentication for Healthcare Service With Cloud Based WBANs. IEEE Transactions on Services Computing, 2022, 15, 2728-2741.	3.2	14
17	Analysis of Trending Topics and Text-based Channels of Information Delivery in Cybersecurity. ACM Transactions on Internet Technology, 2022, 22, 1-27.	3.0	1
18	Meltdown-type attacks are still feasible in the wall of kernel page-Table isolation. Computers and Security, 2022, 113, 102556.	4.0	3

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19	Certificate-Based Anonymous Authentication With Efficient Aggregation for Wireless Medical Sensor Networks. IEEE Internet of Things Journal, 2022, 9, 12209-12218.	5.5	6
20	Evaluation and Optimization of Distributed Machine Learning Techniques for Internet of Things. IEEE Transactions on Computers, 2022, 71, 2538-2552.	2.4	23
21	eRiskCom: an e-commerce risky community detection platform. VLDB Journal, 2022, 31, 1085-1101.	2.7	10
22	Adversarial Detection by Latent Style Transformations. IEEE Transactions on Information Forensics and Security, 2022, 17, 1099-1114.	4.5	6
23	OCTOPUS: Overcoming Performance and Privatization Bottlenecks in Distributed Learning. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 3460-3477.	4.0	2
24	Editorial: Human-Centric Security and Privacy. Frontiers in Big Data, 2022, 5, 848058.	1.8	1
25	Guest Editorial: Special Issue on Services Computing for COVID-19 and Future Pandemics. IEEE Transactions on Services Computing, 2022, 15, 1175-1177.	3.2	0
26	ANS-based compression and encryption with 128-bit security. International Journal of Information Security, 2022, 21, 1051-1067.	2.3	2
27	Scheduling Real-Time Security Aware Tasks in Fog Networks. IEEE Transactions on Services Computing, 2021, 14, 1981-1994.	3.2	31
28	CATTmew: Defeating Software-Only Physical Kernel Isolation. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 1989-2004.	3.7	6
29	The importance of social identity on password formulations. Personal and Ubiquitous Computing, 2021, 25, 813-827.	1.9	5
30	Location-Aware Service Recommendations With Privacy-Preservation in the Internet of Things. IEEE Transactions on Computational Social Systems, 2021, 8, 227-235.	3.2	21
31	Privacy Preserving Location-Aware Personalized Web Service Recommendations. IEEE Transactions on Services Computing, 2021, 14, 791-804.	3.2	38
32	Detecting Hardware-Assisted Virtualization With Inconspicuous Features. IEEE Transactions on Information Forensics and Security, 2021, 16, 16-27.	4.5	11
33	Two-Factor Decryption: A Better Way to Protect Data Security and Privacy. Computer Journal, 2021, 64, 550-563.	1.5	1
34	SDN-Enabled Secure IoT Architecture. IEEE Internet of Things Journal, 2021, 8, 6549-6564.	5.5	44
35	Privacy-Aware Autonomous Valet Parking: Towards Experience Driven Approach. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5352-5363.	4.7	15
36	Defending Adversarial Attacks via Semantic Feature Manipulation. IEEE Transactions on Services Computing, 2021, , 1-1.	3.2	2

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37	Geo-DRS: Geometric Dynamic Range Search on Spatial Data with Backward and Content Privacy. Lecture Notes in Computer Science, 2021, , 24-43.	1.0	3
38	AuraEN: Autonomous Resource Allocation for Cloud-Hosted Data Processing Pipelines. Lecture Notes in Computer Science, 2021, , 77-80.	1.0	0
39	OblivSketch: Oblivious Network Measurement as a Cloud Service. , 2021, , .		7
40	Intelligent Anomaly Detection for Large Network Traffic With Optimized Deep Clustering (ODC) Algorithm. IEEE Access, 2021, 9, 47243-47251.	2.6	13
41	Compcryptâ€"Lightweight ANS-Based Compression and Encryption. IEEE Transactions on Information Forensics and Security, 2021, 16, 3859-3873.	4.5	11
42	A Survey of Android Malware Detection with Deep Neural Models. ACM Computing Surveys, 2021, 53, 1-36.	16.1	156
43	DeepiSign. , 2021, , .		7
44	User, Usage and Usability: Redefining Human Centric Cyber Security. Frontiers in Big Data, 2021, 4, 583723.	1.8	17
45	Fine with â€œ1234â€? An Analysis of SMS One-Time Password Randomness in Android Apps. , 2021, , .		7
46	P2DPI: Practical and Privacy-Preserving Deep Packet Inspection. , 2021, , .		9
47	Decamouflage: A Framework to Detect Image-Scaling Attacks on CNN. , 2021, , .		3
48	Cost-Effective Authenticated Data Redaction With Privacy Protection in IoT. IEEE Internet of Things Journal, 2021, 8, 11678-11689.	5.5	13
49	Guest Editorsâ€™ Introduction to the Joint Special Section on Secure and Emerging Collaborative Computing and Intelligent Systems. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 1328-1329.	3.2	0
50	Guest Editorsâ€™ Introduction to the Joint Special Section on Secure and Emerging Collaborative Computing and Intelligent Systems. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 1511-1512.	3.7	0
51	Modeling social worm propagation for advanced persistent threats. Computers and Security, 2021, 108, 102321.	4.0	8
52	An internet of things service roadmap. Communications of the ACM, 2021, 64, 86-95.	3.3	22
53	Man-in-the-Middle Attacks Against Machine Learning Classifiers Via Malicious Generative Models. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 2074-2087.	3.7	9
54	Towards Efficient and Strong Backward Private Searchable Encryption withÂSecure Enclaves. Lecture Notes in Computer Science, 2021, , 50-75.	1.0	12

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55	Peeler: Profiling Kernel-Level Events to Detect Ransomware. Lecture Notes in Computer Science, 2021, , 240-260.	1.0	12
56	A Behavioural Network Traffic Novelty Detection for the Internet of Things Infrastructures. Communications in Computer and Information Science, 2021, , 174-186.	0.4	1
57	FedDICE: A Ransomware Spread Detection in a Distributed Integrated Clinical Environment Using Federated Learning and SDN Based Mitigation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 3-24.	0.2	3
58	A Secure Access and Accountability Framework for Provisioning Services in Named Data Networks. , 2021, , .		4
59	BitMine: An End-to-End Tool for Detecting Rowhammer Vulnerability. IEEE Transactions on Information Forensics and Security, 2021, 16, 5167-5181.	4.5	3
60	A Multi-Vocal Review of Security Orchestration. ACM Computing Surveys, 2020, 52, 1-45.	16.1	42
61	What and With Whom? Identifying Topics in Twitter Through Both Interactions and Text. IEEE Transactions on Services Computing, 2020, 13, 584-596.	3.2	7
62	Privacy-Preserving User Profile Matching in Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1572-1585.	4.0	17
63	Android HIV: A Study of Repackaging Malware for Evading Machine-Learning Detection. IEEE Transactions on Information Forensics and Security, 2020, 15, 987-1001.	4.5	182
64	A survey of recent methods on deriving topics from Twitter: algorithm to evaluation. Knowledge and Information Systems, 2020, 62, 2485-2519.	2.1	25
65	Vulnerability Database as a Service for IoT. Communications in Computer and Information Science, 2020, , 95-107.	0.4	3
66	OIAD: One-for-all Image Anomaly Detection with Disentanglement Learning. , 2020, , .		3
67	Towards a Security Enhanced Virtualised Network Infrastructure for Internet of Medical Things (IoMT). , 2020, , .		18
68	PThammer: Cross-User-Kernel-Boundary Rowhammer through Implicit Accesses. , 2020, , .		13
69	Are Android Apps Being Protected Well Against Attacks?. IEEE Wireless Communications, 2020, 27, 66-71.	6.6	2
70	Blockchain voting: Publicly verifiable online voting protocol without trusted tallying authorities. Future Generation Computer Systems, 2020, 112, 859-874.	4.9	47
71	Realizing an Internet of Secure Things: A Survey on Issues and Enabling Technologies. IEEE Communications Surveys and Tutorials, 2020, 22, 1372-1391.	24.8	63
72	Pay as You Decrypt: Decryption Outsourcing for Functional Encryption Using Blockchain. IEEE Transactions on Information Forensics and Security, 2020, 15, 3227-3238.	4.5	35

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73	SMARTSHIELD: Automatic Smart Contract Protection Made Easy. , 2020, , .		45
74	Dual-Mediation Paths Linking Corporate Social Responsibility to Employee's Job Performance: A Multilevel Approach. Frontiers in Psychology, 2020, 11, 612565.	1.1	5
75	Accelerating Forward and Backward Private Searchable Encryption Using Trusted Execution. Lecture Notes in Computer Science, 2020, , 83-103.	1.0	17
76	Robust digital signature revisited. Theoretical Computer Science, 2020, 844, 87-96.	0.5	2
77	DRAMDig: A Knowledge-assisted Tool to Uncover DRAM Address Mapping. , 2020, , .		13
78	Boosting Privately: Federated Extreme Gradient Boosting for Mobile Crowdsensing. , 2020, , .		40
79	End-to-End Evaluation of Federated Learning and Split Learning for Internet of Things. , 2020, , .		84
80	Can We Use Split Learning on 1D CNN Models for Privacy Preserving Training?. , 2020, , .		51
81	Deep Learning for Community Detection: Progress, Challenges and Opportunities. , 2020, , .		114
82	Privacy-Preserving Data Generation and Sharing Using Identification Sanitizer. Lecture Notes in Computer Science, 2020, , 185-200.	1.0	0
83	Assessing Social License to Operate from the Public Discourse on Social Media. , 2020, , .		0
84	Towards Secure Edge-assisted Image Sharing for Timely Disaster Situation Awareness. , 2020, , .		0
85	Certified Copy? Understanding Security Risks of Wi-Fi Hotspot based Android Data Clone Services. , 2020, , .		4
86	A Defence Against Input-Agnostic Backdoor Attacks on Deep Neural Networks. Lecture Notes in Computer Science, 2020, , 69-80.	1.0	2
87	Internet of Things (IoT) and Cloud Computing Enabled Disaster Management. Scalable Computing and Communications, 2020, , 273-298.	0.5	3
88	Architecture-Centric Support for Integrating Security Tools in a Security Orchestration Platform. Lecture Notes in Computer Science, 2020, , 165-181.	1.0	8
89	PART-GAN: Privacy-Preserving Time-Series Sharing. Lecture Notes in Computer Science, 2020, , 578-593.	1.0	4
90	An Accountable Access Control Scheme for Hierarchical Content in Named Data Networks with Revocation. Lecture Notes in Computer Science, 2020, , 569-590.	1.0	6

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91	What risk? I don't understand. An Empirical Study on Users' Understanding of the Terms Used in Security Texts. , 2020, , .		6
92	Security and Privacy for a Sustainable Internet of Things. , 2020, , .		1
93	Towards IoT Security Automation and Orchestration. , 2020, , .		8
94	Identity-Based Broadcast Encryption with Outsourced Partial Decryption for Hybrid Security Models in Edge Computing. , 2019, , .		9
95	Proof-of-QoS: QoS based blockchain consensus protocol. Computers and Security, 2019, 87, 101580.	4.0	39
96	Catering to Your Concerns. ACM Transactions on Cyber-Physical Systems, 2019, 3, 1-21.	1.9	2
97	Multi-client Cloud-based Symmetric Searchable Encryption. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	3.7	17
98	A3CM: Automatic Capability Annotation for Android Malware. IEEE Access, 2019, 7, 147156-147168.	2.6	29
99	Security is the Weakest Link. , 2019, , .		0
100	Building Secure SRAM PUF Key Generators on Resource Constrained Devices. , 2019, , .		17
101	P-STM: Privacy-Protected Social Tie Mining of Individual Trajectories. , 2019, , .		4
102	Towards Risk-Aware Cost-Optimal Resource Allocation for Cloud Applications. , 2019, , .		1
103	An Ontology-Driven Approach to Automating the Process of Integrating Security Software Systems. , 2019, , .		12
104	Self-Improving Autonomic Systems for Antifragile Cyber Defence: Challenges and Opportunities. , 2019, , .		7
105	Learning Influence Probabilities and Modelling Influence Diffusion in Twitter. , 2019, , .		13
106	Automated Interpretation and Integration of Security Tools Using Semantic Knowledge. Lecture Notes in Computer Science, 2019, , 513-528.	1.0	10
107	A Note on Quality of Service Issues in Smart Cities. Journal of Parallel and Distributed Computing, 2019, 127, 116-117.	2.7	1
108	Exploiting Heterogeneity for Opportunistic Resource Scaling in Cloud-hosted Applications. IEEE Transactions on Services Computing, 2019, , 1-1.	3.2	3

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109	Proactive Antifragility: A New Paradigm for Next-Generation Cyber Defence at the Edge. , 2019, , .		6
110	A Logic for Secure Stratified Systems and its Application to Containerized Systems. , 2019, , .		2
111	Benchmarking for End-to-End QoS Sustainability in Cloud-Hosted Data Processing Pipelines. , 2019, , .		1
112	IoT Device Identification via Network-Flow Based Fingerprinting and Learning. , 2019, , .		39
113	Context-Aware Trust Management System for IoT Applications with Multiple Domains. , 2019, , .		14
114	Bootstrapping Trust in a "Trusted" Virtualized Platform. , 2019, , .		5
115	STRIP. , 2019, , .		250
116	Exploiting the Remote Server Access Support of CoAP Protocol. IEEE Internet of Things Journal, 2019, 6, 9338-9349.	5.5	11
117	Testbed evaluation of Lightweight Authentication Protocol (LAUP) for 6LoWPAN wireless sensor networks. Concurrency Computation Practice and Experience, 2019, 31, e4868.	1.4	9
118	A new privacyâ€preserving authentication protocol for anonymous web browsing. Concurrency Computation Practice and Experience, 2019, 31, e4706.	1.4	3
119	A lightweight authentication scheme for vehicular ad hoc networks based on MSR. Vehicular Communications, 2019, 15, 16-27.	2.7	38
120	Crowdsensing and Privacy in Smart City Applications. , 2019, , 57-73.		8
121	SEEN: A Selective Encryption Method to Ensure Confidentiality for Big Sensing Data Streams. IEEE Transactions on Big Data, 2019, 5, 379-392.	4.4	32
122	Finding Flaws from Password Authentication Code in Android Apps. Lecture Notes in Computer Science, 2019, , 619-637.	1.0	7
123	Generic Multi-keyword Ranked Search on Encrypted Cloud Data. Lecture Notes in Computer Science, 2019, , 322-343.	1.0	7
124	Data-Driven Android Malware Intelligence: A Survey. Lecture Notes in Computer Science, 2019, , 183-202.	1.0	14
125	An empirical study of SMS one-time password authentication in Android apps. , 2019, , .		17
126	Recognising Agreement and Disagreement between Stances with Reason Comparing Networks. , 2019, , .		4

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127	Chameleon Hash Time-Lock Contract for Privacy Preserving Payment Channel Networks. Lecture Notes in Computer Science, 2019, , 303-318.	1.0	14
128	Ciphertext-Delegatable CP-ABE for a Dynamic Credential: A Modular Approach. Lecture Notes in Computer Science, 2019, , 3-20.	1.0	3
129	Introduction to the Special Section on Advances in Internet-based Collaborative Technologies. ACM Transactions on Internet Technology, 2019, 19, 1-4.	3.0	24
130	An efficient and expressive ciphertext-policy attribute-based encryption scheme with partially hidden access structures, revisited. Computer Networks, 2018, 133, 157-165.	3.2	62
131	A Secure Verifiable Ranked Choice Online Voting System Based on Homomorphic Encryption. IEEE Access, 2018, 6, 20506-20519.	2.6	49
132	A Government-Run Online Community to Support Recipients of Welfare Payments. International Journal of Cooperative Information Systems, 2018, 27, 1850001.	0.6	2
133	Privacy-protected statistics publication over social media user trajectory streams. Future Generation Computer Systems, 2018, 87, 792-802.	4.9	20
134	IoT and Big Data: An Architecture with Data Flow and Security Issues. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 243-252.	0.2	5
135	Privacy Preserving User Based Web Service Recommendations. IEEE Access, 2018, 6, 56647-56657.	2.6	17
136	PAIRS: Privacy-Aware Identification and Recommendation of Spatio-Friends. , 2018, , .		0
137	MEDUSA: Malware Detection Using Statistical Analysis of System's Behavior. , 2018, , .		6
138	P-GENT: Privacy-Preserving Geocoding of Non-Geotagged Tweets. , 2018, , .		3
139	ADSL: An Embedded Domain-Specific Language for Constraint-Based Distributed Self-Management. , 2018, , .		2
140	AWaRE - Towards Distributed Self-Management for Resilient Cyber Systems. , 2018, , .		7
141	Practical Backward-Secure Searchable Encryption from Symmetric Puncturable Encryption. , 2018, , .		125
142	Decentralized Voting: A Self-tallying Voting System Using a Smart Contract on the Ethereum Blockchain. Lecture Notes in Computer Science, 2018, , 18-35.	1.0	20
143	An Improved Lightweight RFID Authentication Protocol for Internet of Things. Lecture Notes in Computer Science, 2018, , 111-126.	1.0	4
144	Towards End-to-End QoS and Cost-Aware Resource Scaling in Cloud-Based IoT Data Processing Pipelines. , 2018, , .		5

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145	Platform-Independent Secure Blockchain-Based Voting System. Lecture Notes in Computer Science, 2018, , 369-386.	1.0	75
146	KASR: A Reliable and Practical Approach to Attack Surface Reduction of Commodity OS Kernels. Lecture Notes in Computer Science, 2018, , 691-710.	1.0	20
147	A Privacy-Preserving Semantic Annotation Framework Using Online Social Media. Lecture Notes in Computer Science, 2018, , 353-372.	1.0	0
148	Towards Resource and Contract Heterogeneity Aware Rescaling for Cloud-Hosted Applications. , 2018, , .		7
149	IoTChain: Establishing Trust in the Internet of Things Ecosystem Using Blockchain. IEEE Cloud Computing, 2018, 5, 12-23.	5.3	156
150	The Next Grand Challenges: Integrating the Internet of Things and Data Science. IEEE Cloud Computing, 2018, 5, 12-26.	5.3	74
151	Achieving Scalable Access Control Over Encrypted Data for Edge Computing Networks. IEEE Access, 2018, 6, 30049-30059.	2.6	27
152	Cross-Target Stance Classification with Self-Attention Networks. , 2018, , .		58
153	Keep Calm and Know Where to Focus: Measuring and Predicting the Impact of Android Malware. Lecture Notes in Computer Science, 2018, , 238-254.	1.0	2
154	An Infrastructure Service Recommendation System for Cloud Applications with Real-time QoS Requirement Constraints. IEEE Systems Journal, 2017, 11, 2960-2970.	2.9	22
155	A dynamic prime number based efficient security mechanism for big sensing data streams. Journal of Computer and System Sciences, 2017, 83, 22-42.	0.9	54
156	TruXy: Trusted Storage Cloud for Scientific Workflows. IEEE Transactions on Cloud Computing, 2017, 5, 428-442.	3.1	11
157	An Efficient KP-ABE with Short Ciphertexts in Prime OrderGroups under Standard Assumption. , 2017, , .		6
158	Twitter Content Eliciting User Engagement. , 2017, , .		9
159	Lightweight Mutual Authentication for IoT and Its Applications. IEEE Transactions on Sustainable Computing, 2017, 2, 359-370.	2.2	117
160	Statistical Twitter Spam Detection Demystified: Performance, Stability and Scalability. IEEE Access, 2017, 5, 11142-11154.	2.6	31
161	A service computing manifesto. Communications of the ACM, 2017, 60, 64-72.	3.3	180
162	DLSeF. Transactions on Embedded Computing Systems, 2017, 16, 1-24.	2.1	61

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163	Incentivising Resource Sharing in Edge Computing Applications. Lecture Notes in Computer Science, 2017, , 204-215.	1.0	5
164	A Verifiable Ranked Choice Internet Voting System. Lecture Notes in Computer Science, 2017, , 490-501.	1.0	7
165	Privacy Preserving Location Recommendations. Lecture Notes in Computer Science, 2017, , 502-516.	1.0	10
166	Lightweight Authentication Protocol (LAUP) for 6LoWPAN Wireless Sensor Networks. , 2017, , .		5
167	Fuzzy Extractors for Biometric Identification. , 2017, , .		20
168	Catch Me If You Can: Detecting Compromised Users Through Partial Observation on Networks. , 2017, , .		2
169	A Practical Authentication Protocol for Anonymous Web Browsing. Lecture Notes in Computer Science, 2017, , 468-482.	1.0	1
170	Using time-sensitive interactions to improve topic derivation in twitter. World Wide Web, 2017, 20, 61-87.	2.7	14
171	Privacy-Aware Scheduling SaaS in High Performance Computing Environments. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 1176-1188.	4.0	27
172	Privacy-protected place of activity mining on big location data. , 2017, , .		2
173	<i>RT-SANE</i>. , 2017, , .		14
174	Towards Quality-Assured Data Delivery in Cloud-Based IoT Platforms for Smart Cities. , 2017, , .		7
175	Sensitive gazetteer discovery and protection for mobile social media users. , 2017, , .		1
176	The Joint Effects of Tweet Content Similarity and Tweet Interactions for Topic Derivation. , 2017, , .		0
177	Web Information Systems Engineering â€" WISE 2017. Lecture Notes in Computer Science, 2017, , .	1.0	1
178	Impact of At-Home Telemonitoring on Health Services Expenditure and Hospital Admissions in Patients With Chronic Conditions: Before and After Control Intervention Analysis. JMIR Medical Informatics, 2017, 5, e29.	1.3	34
179	ConTaaS: An Approach to Internet-Scale Contextualisation for Developing Efficient Internet of Things Applications. , 2017, , .		18
180	A Synchronized Shared Key Generation Method for Maintaining End-to-End Security of Big Data Streams. , 2017, , .		17

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181	Exploiting Users' Rating Behaviour to Enhance the Robustness of Social Recommendation. Lecture Notes in Computer Science, 2017, , 467-475.	1.0	1
182	WebRTC-based video conferencing service for telehealth. Computing (Vienna/New York), 2016, 98, 169-193.	3.2	44
183	Threats to Networking Cloud and Edge Datacenters in the Internet of Things. IEEE Cloud Computing, 2016, 3, 64-71.	5.3	144
184	Protecting the location privacy of mobile social media users. , 2016, , .		8
185	LogProv: Logging events as provenance of big data analytics pipelines with trustworthiness. , 2016, , .		13
186	Internet of Things (IoT). ACM Transactions on Internet Technology, 2016, 16, 1-7.	3.0	105
187	A Secure Big Data Stream Analytics Framework for Disaster Management on the Cloud. , 2016, , .		24
188	TweetRipple: Understanding Your Twitter Audience and the Impact of Your Tweets. , 2016, , .		7
189	Why Is It Difficult for Welfare Recipients to Return to Work? A Case Study through a Collaborative Online Community. , 2016, , .		0
190	Can a Government Use Social Media to Support Disadvantaged Citizens?. , 2016, , .		0
191	Developing Dependable and Secure Cloud Applications. IEEE Internet Computing, 2016, 20, 74-79.	3.2	15
192	A Cryptographically Enforced Access Control with a Flexible User Revocation on Untrusted Cloud Storage. Data Science and Engineering, 2016, 1, 149-160.	4.6	12
193	IoT Middleware: A Survey on Issues and Enabling technologies. IEEE Internet of Things Journal, 2016, , 1-1.	5.5	354
194	Privacy-protected social media user trajectories calibration. , 2016, , .		2
195	Guest Editorial: Cloud Computing and Scientific Applications (CCSA)â€"Big Data Analysis in the Cloud. Computer Journal, 2016, 59, 285-286.	1.5	2
196	SafeProtect: Controlled Data Sharing With User-Defined Policies in Cloud-Based Collaborative Environment. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 301-315.	3.2	22
197	Incorporating Tweet Relationships into Topic Derivation. Communications in Computer and Information Science, 2016, , 177-190.	0.4	10
198	Facilitating Secure Sharing of Personal Health Data in the Cloud. JMIR Medical Informatics, 2016, 4, e15.	1.3	16

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199	Monitoring of Chronic Disease in the community: Australian Telehealth Study on Organisational Challenges and Economic Impact. International Journal of Integrated Care, 2016, 16, 106.	0.1	2
200	PBCP: A Process-based Bussiness Collaboration Platform. , 2016, , .		0
201	Behavior€Based Propagation of Trust in Social Networks with Restricted and Anonymous Participation. Computational Intelligence, 2015, 31, 642-668.	2.1	9
202	Trustworthy Processing of Healthcare Big Data in Hybrid Clouds. IEEE Cloud Computing, 2015, 2, 78-84.	5.3	65
203	Self Protecting Data Sharing Using Generic Policies. , 2015, , .		4
204	DPBSV -- An Efficient and Secure Scheme for Big Sensing Data Stream. , 2015, , .		17
205	Matrix Inter-joint Factorization - A New Approach for Topic Derivation in Twitter. , 2015, , .		7
206	Gamification on the Social Web. , 2015, , 197-220.		4
207	A Dynamic Key Length Based Approach for Real-Time Security Verification of Big Sensing Data Stream. Lecture Notes in Computer Science, 2015, , 93-108.	1.0	42
208	Social Media for Government Services: An Introduction. , 2015, , 3-24.		4
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211	A note on resource orchestration for cloud computing. Concurrency Computation Practice and Experience, 2015, 27, 2370-2372.	1.4	14
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214	Guest editorial: Special issue on data intensive cloud computing. Computing (Vienna/New York), 2015, 97, 333-335.	3.2	0
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