Hongli Zhang

List of Publications by Year
in descending order

113 papers	1,073 citations	623188 14 h-index	580395 25 g-index
114 all docs	114 docs citations	114 times ranked	1137 citing authors

#	Article	IF	Citations
1	BPDS: A Blockchain Based Privacy-Preserving Data Sharing for Electronic Medical Records. , 2018, , .		136
2	Toward Vehicle-Assisted Cloud Computing for Smartphones. IEEE Transactions on Vehicular Technology, 2015, 64, 5610-5618.	3.9	128
3	Fog-Based Attack Detection Framework for Internet of Things Using Deep Learning. IEEE Access, 2020, 8, 74571-74585.	2.6	76
4	Prometheus: Privacy-aware data retrieval on hybrid cloud. , 2013, , .		55
5	Physical-Layer Authentication for Internet of Things via WFRFT-Based Gaussian Tag Embedding. IEEE Internet of Things Journal, 2020, 7, 9001-9010.	5.5	50
6	lpRide: Lightweight and Privacy-Preserving Ride Matching Over Road Networks in Online Ride Hailing Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 10418-10428.	3.9	39
7	Towards Privacy Preserving Publishing of Set-Valued Data on Hybrid Cloud. IEEE Transactions on Cloud Computing, 2018, 6, 316-329.	3.1	27
8	Discrete PSO-based workload optimization in virtual machine placement. Personal and Ubiquitous Computing, 2018, 22, 589-596.	1.9	26
9	A Privacy Preserving Scheme for Nearest Neighbor Query. Sensors, 2018, 18, 2440.	2.1	25
10	Multi-Task SE-Network for Image Splicing Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4828-4840.	5.6	25
11	Twoâ€stage Keypoint Detection Scheme for Region Duplication Forgery Detection in Digital Images. Journal of Forensic Sciences, 2018, 63, 102-111.	0.9	24
12	PSRide: Privacy-Preserving Shared Ride Matching for Online Ride Hailing Systems. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	3.7	24
13	PGRide: Privacy-Preserving Group Ridesharing Matching in Online Ride Hailing Services. IEEE Internet of Things Journal, 2021, 8, 5722-5735.	5.5	24
14	IDS alerts correlation using grammar-based approach. Journal in Computer Virology, 2009, 5, 271-282.	1.9	20
15	Identification and Analysis of Skype Peer-to-Peer Traffic. , 2010, , .		20
16	Verifying cloud serviceâ€level agreement by a thirdâ€party auditor. Security and Communication Networks, 2014, 7, 492-502.	1.0	19
17	Secure Task Offloading in Blockchain-Enabled Mobile Edge Computing With Deep Reinforcement Learning. IEEE Transactions on Network and Service Management, 2022, 19, 4872-4887.	3.2	18
18	Traffic identification using flexible neural trees. , 2010, , .		13

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19	Multisite co-allocation scheduling algorithms for parallel jobs in computing grid environments. Science in China Series F: Information Sciences, 2006, 49, 906-926.	1.1	12
20	An effective access control scheme for preventing permission leak in Android. , 2015, , .		11
21	Multiple Mix-Zones Deployment for Continuous Location Privacy Protection. , 2016, , .		11
22	CAPR: context‐aware participant recruitment mechanism in mobile crowdsourcing. Wireless Communications and Mobile Computing, 2016, 16, 2179-2193.	0.8	10
23	Efficient and Privacy-Preserving Ride Matching Using Exact Road Distance in Online Ride Hailing Services. IEEE Transactions on Services Computing, 2022, 15, 1841-1854.	3.2	10
24	Measuring bandwidth and buffer occupancy to improve the QoE of HTTP adaptive streaming. Signal, Image and Video Processing, 2019, 13, 1367-1375.	1.7	9
25	TenLa: an approach based on controllable tensor decomposition and optimized lasso regression for judgement prediction of legal cases. Applied Intelligence, 2021, 51, 2233-2252.	3.3	9
26	Multisite resource selection and scheduling algorithm on computational grid. , 0, , .		8
27	New data mining technique to enhance IDS alarms quality. Journal in Computer Virology, 2010, 6, 43-55.	1.9	8
28	Designing robust routing protocols to protect base stations in wireless sensor networks. Wireless Communications and Mobile Computing, 2014, 14, 1613-1626.	0.8	8
29	CLPP: Context-aware location privacy protection for location-based social network. , 2015, , .		8
30	Toward Physical Layer Security and Efficiency for SAGIN: A WFRFT-Based Parallel Complex-Valued Spectrum Spreading Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2819-2829.	4.7	8
31	TCFOM: A Robust Traffic Classification Framework Based on OC-SVM Combined with MC-SVM. , 2010, , .		7
32	A performance prediction scheme for computation-intensive applications on cloud. , 2013, , .		7
33	Cuckoo: flexible compute-intensive task offloading in mobile cloud computing. Wireless Communications and Mobile Computing, 2016, 16, 3256-3268.	0.8	7
34	A robust detection algorithm for image Copy-Move forgery in smooth regions. , 2017, , .		7
35	User-perceived quality aware adaptive streaming of 3D multi-view video plus depth over the internet. Multimedia Tools and Applications, 2018, 77, 22965-22983.	2.6	7
36	Uncovering overlapping community structure in static and dynamic networks. Knowledge-Based Systems, 2020, 201-202, 106060.	4.0	7

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37	Reversible Data Hiding for Color Images Based on Adaptive 3D Prediction-Error Expansion and Double Deep Q-Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5055-5067.	5.6	7
38	Reduction of false positives in intrusion detection via adaptive alert classifier. , 2008, , .		6
39	An Autonomous Road Side Infrastructure Based System in Secure VANETs. , 2009, , .		6
40	Comparison and Analysis of Flow Features at the Packet Level for Traffic Classification. , 2012, , .		6
41	Privacy-preserving granular data retrieval indexes for outsourced cloud data. , 2014, , .		6
42	LPPS: Location privacy protection for smartphones. , 2016, , .		6
43	Predicting the Popularity of Online Content Based on the Weak Ties Theory. , 2018, , .		6
44	Element-Aware Legal Judgment Prediction for Criminal Cases with Confusing Charges. , 2019, , .		6
45	Verifying cloud Service Level Agreement. , 2012, , .		5
46	Improving the QoS of Web Applications across Multiple Virtual Machines in Cloud Computing Environment. , 2012, , .		5
47	A Measurement Study on the Topologies of BitTorrent Networks. IEEE Journal on Selected Areas in Communications, 2013, 31, 338-347.	9.7	5
48	Geometric Routing on Flat Names for ICN. , 2015, , .		5
49	Performance Difference Prediction in Cloud Services for SLA-Based Auditing. , 2015, , .		5
50	Effective task scheduling in proximate mobile device based communication systems. , 2015, , .		5
51	A secure domain name resolution and management architecture based on blockchain. , 2020, , .		5
52	A Memory-Efficient Multi-pattern Matching Algorithm Based on the Bitmap. , 2009, , .		4
53	Towards Efficient Anonymous Communications in Sensor Networks. , 2011, , .		4
54	A parallel encryption algorithm of the logistic map for multicore with OpenMP. , 2013, , .		4

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55	An efficient parallel algorithm for exact multi‐pattern matching. Security and Communication Networks, 2015, 8, 1688-1697.	1.0	4
56	A Keypoint-Based Region Duplication Forgery Detection Algorithm. IEICE Transactions on Information and Systems, 2016, E99.D, 2413-2416.	0.4	4
57	Evaluating the Rationality of Judicial Decision with LSTM-Based Case Modeling. , 2018, , .		4
58	RnRTD: Intelligent Approach Based on the Relationship-Driven Neural Network and Restricted Tensor Decomposition for Multiple Accusation Judgment in Legal Cases. Computational Intelligence and Neuroscience, 2019, 2019, 1-18.	1.1	4
59	TenRR: An Approach Based on Innovative Tensor Decomposition and Optimized Ridge Regression for Judgment Prediction of Legal Cases. IEEE Access, 2020, 8, 167914-167929.	2.6	4
60	An Efficient Routing Mechanism in Network Simulation. , 0, , .		3
61	Social Topic Detection for Web Forum. , 2012, , .		3
62	The Property of Chaotic Orbits with Lower Positions of Numerical Solutions in the Logistic Map. Entropy, 2014, 16, 5618-5632.	1.1	3
63	An effective copyright‐protected content delivery scheme for P2P file sharing networks. International Journal of Communication Systems, 2018, 31, e3476.	1.6	3
64	An Efficient Security System for Mobile Data Monitoring. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	0.8	3
65	SPETS: Secure and Privacy-Preserving Energy Trading System in Microgrid. Sensors, 2021, 21, 8121.	2.1	3
66	An object-oriented method for out-of-core parallel computations on cluster of workstations. , 0, , .		2
67	Clustering of Network Link Characteristic for Detector Placement of Macroscopical Prewarning. , 2006, , .		2
68	The research on rootkit for information system classified protection. , 2011, , .		2
69	Base station location protection in wireless sensor networks: Attacks and defense. , 2012, , .		2
70	DDoS vulnerability of BitTorrent Peer Exchange extension: Analysis and defense. , 2012, , .		2
71	Practical and privacy-assured data indexes for outsourced cloud data. , 2013, , .		2
72	Contention-based adaptive position update for intermittently connected VANETs. , 2014, , .		2

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73	A novel stochastic-encryption-based P2P Digital Rights Management scheme. , 2015, , .		2
74	A Template Independent Approach for Web News and Blog Content Extraction. , 2016, , .		2
75	JPEG image width estimation for file carving. IET Image Processing, 2018, 12, 1245-1252.	1.4	2
76	Learning Users' Intention of Legal Consultation through Pattern-Oriented Tensor Decomposition with Bi-LSTM. Wireless Communications and Mobile Computing, 2019, 2019, 1-16.	0.8	2
77	SAVM: A practical secure external approach for automated in‑VM management. Concurrency Computation Practice and Experience, 2019, 31, e4482.	1.4	2
78	A General Distributed Object Locating Architecture in the Internet of Things. , 2010, , .		1
79	A New Property of Logistic Map with Scalable Precision. , 2012, , .		1
80	A measurement study on swarm evolution of BitTorrent. , 2012, , .		1
81	Protecting private cloud located within public cloud. , 2013, , .		1
82	A Correlated Model for Evaluating Performance and Energy of Cloud System Given System Reliability. Discrete Dynamics in Nature and Society, 2015, 2015, 1-10.	0.5	1
83	Note: Measuring instrument of singlet oxygen quantum yield in photodynamic effects. Review of Scientific Instruments, 2017, 88, 066102.	0.6	1
84	A Metadata-Based Representation Method of the Internet of Things. , 2018, , .		1
85	Novel Similarity Measurements for Reassembling Fragmented Image Files. Chinese Journal of Electronics, 2019, 28, 331-337.	0.7	1
86	RnnTd: An Approach Based on LSTM and Tensor Decomposition for Classification of Crimes in Legal Cases. , 2019, , .		1
87	DRAV: Detection and repair of data availability violations in Internet of Things. International Journal of Distributed Sensor Networks, 2019, 15, 155014771988989.	1.3	1
88	Hail the Closest Driver on Roads: Privacy-Preserving Ride Matching in Online Ride Hailing Services. Security and Communication Networks, 2020, 2020, 1-13.	1.0	1
89	Load Balance Heuristics for Synchronous Iterative Applications on Heterogeneous Cluster Systems. , 2005, , .		0
90	On the Effectiveness of multi-similarity for early detection of worms. , 2005, , .		0

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91	A parallel programming interface for out-of-core cluster applications. Cluster Computing, 2006, 9, 321-327.	3.5	0
92	Parallel Job Scheduling with Time-varying Constraints for Heterogeneous Multiple-Cluster Systems. , 2008, , .		0
93	Topology Awareness on Network Damage Assessment and Control Strategies Generation. , 2009, , .		0
94	A Topology Partition Algorithm Based on Link Coarsening in Parallel Network Simulation. , 2009, , .		0
95	Depth Balancing and Multipath Transmission Algorithms for P2P Streaming Media Using PeerCast. , 2010, , .		0
96	Using Honeyclients to Detect Malicious Websites. , 2010, , .		0
97	A Directed-Multicast Routing Approach with Path Replication in Content Addressable Network. , 2010, , .		0
98	Reliable object rating framework for content sharing system. , 2011, , .		0
99	User rank in one subject of network forum and trend analysis. , 2011, , .		0
100	IR4CF: A intrusion replay system for computer forensics. , 2011, , .		0
101	Lightweight Source Anonymity in Wireless Sensor Networks. , 2011, , .		0
102	Understanding the topologies of BitTorrent networks: A measurement view. , 2012, , .		0
103	An efficient and sustainable self-healing protocol for Unattended Wireless Sensor Networks. , 2012, , .		0
104	Synthetic evaluation on the performance of network coordinate systems. , 2012, , .		0
105	Modeling Leechers attack in BitTorrent. , 2014, , .		0
106	Geometric Routing on Flat Names for ICN. , 2014, , .		0
107	Matrix-based parallel pattern matching method. , 2015, , .		0
108	Cocktail: A New Tool for Audit by Performance Evaluation on Local Machine. , 2015, , .		0

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109	Energy-Efficient Hadoop Green Scheduler. , 2016, , .		0
110	Privacy-Aware Information Sharing in Location-Based Services: Attacks and Defense. IEICE Transactions on Information and Systems, 2016, E99.D, 1991-2001.	0.4	0
111	Tearing Down the Face of Algorithmic Complexity Attacks for DPI Engines. , 2018, , .		0
112	Marrying K-means with Evidence Accumulation in Clustering Analysis. , 2018, , .		0
113	OFC: An Approach for Protecting Location Privacy from Location Provider in Location-Based Services. , 2018, , .		0