

# Hongli Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75  
papers

630  
citations

13  
h-index

22  
g-index

114  
ext. papers

833  
ext. citations

3.4  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
75	Reversible Data Hiding for Color Images Based on Adaptive 3D Prediction-Error Expansion and Double Deep Q-network. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2022</b> , 1-1	6.4	1
74	Multi-task SE-Network for Image Splicing Localization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 1-1	6.4	3
73	TenLa: an approach based on controllable tensor decomposition and optimized lasso regression for judgement prediction of legal cases. <i>Applied Intelligence</i> , <b>2021</b> , 51, 2233-2252	4.9	2
72	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 5722-5735	10.7	10
71	Toward Physical Layer Security and Efficiency for SAGIN: A WFRFT-Based Parallel Complex-Valued Spectrum Spreading Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-11	6.1	1
70	. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 9001-9010	10.7	26
69	Uncovering overlapping community structure in static and dynamic networks. <i>Knowledge-Based Systems</i> , <b>2020</b> , 201-202, 106060	7.3	4
68	Efficient and Privacy-Preserving Ride Matching Using Exact Road Distance in Online Ride Hailing Services. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 1-1	4.8	5
67	. <i>IEEE Access</i> , <b>2020</b> , 8, 167914-167929	3.5	1
66	Hail the Closest Driver on Roads: Privacy-Preserving Ride Matching in Online Ride Hailing Services. <i>Security and Communication Networks</i> , <b>2020</b> , 2020, 1-13	1.9	
65	A secure domain name resolution and management architecture based on blockchain <b>2020</b> ,		3
64	Fog-Based Attack Detection Framework for Internet of Things Using Deep Learning. <i>IEEE Access</i> , <b>2020</b> , 8, 74571-74585	3.5	27
63	PSRide: Privacy-Preserving Shared Ride Matching for Online Ride Hailing Systems. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2019</b> , 1-1	3.9	17
62	Learning Users' Intention of Legal Consultation through Pattern-Oriented Tensor Decomposition with Bi-LSTM. <i>Wireless Communications and Mobile Computing</i> , <b>2019</b> , 2019, 1-16	1.9	0
61	Measuring bandwidth and buffer occupancy to improve the QoE of HTTP adaptive streaming. <i>Signal, Image and Video Processing</i> , <b>2019</b> , 13, 1367-1375	1.6	5
60	RnRTD: Intelligent Approach Based on the Relationship-Driven Neural Network and Restricted Tensor Decomposition for Multiple Accusation Judgment in Legal Cases. <i>Computational Intelligence and Neuroscience</i> , <b>2019</b> , 2019, 6705405	3	3
59	lpRide: Lightweight and Privacy-Preserving Ride Matching Over Road Networks in Online Ride Hailing Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 10418-10428	6.8	23

58	Novel Similarity Measurements for Reassembling Fragmented Image Files. <i>Chinese Journal of Electronics</i> , <b>2019</b> , 28, 331-337	0.9	
57	Element-Aware Legal Judgment Prediction for Criminal Cases with Confusing Charges <b>2019</b> ,		2
56	DRAV: Detection and repair of data availability violations in Internet of Things. <i>International Journal of Distributed Sensor Networks</i> , <b>2019</b> , 15, 155014771988989	1.7	
55	SAVM: A practical secure external approach for automated in-VM management. <i>Concurrency Computation Practice and Experience</i> , <b>2019</b> , 31, e4482	1.4	0
54	Towards Privacy Preserving Publishing of Set-Valued Data on Hybrid Cloud. <i>IEEE Transactions on Cloud Computing</i> , <b>2018</b> , 6, 316-329	3.3	20
53	User-perceived quality aware adaptive streaming of 3D multi-view video plus depth over the internet. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 22965-22983	2.5	4
52	An effective copyright-protected content delivery scheme for P2P file sharing networks. <i>International Journal of Communication Systems</i> , <b>2018</b> , 31, e3476	1.7	1
51	Discrete PSO-based workload optimization in virtual machine placement. <i>Personal and Ubiquitous Computing</i> , <b>2018</b> , 22, 589-596	2.1	16
50	Two-stage Keypoint Detection Scheme for Region Duplication Forgery Detection in Digital Images. <i>Journal of Forensic Sciences</i> , <b>2018</b> , 63, 102-111	1.8	13
49	JPEG image width estimation for file carving. <i>IET Image Processing</i> , <b>2018</b> , 12, 1245-1252	1.7	
48	Predicting the Popularity of Online Content Based on the Weak Ties Theory <b>2018</b> ,		5
47	Evaluating the Rationality of Judicial Decision with LSTM-Based Case Modeling <b>2018</b> ,		2
46	BPDS: A Blockchain Based Privacy-Preserving Data Sharing for Electronic Medical Records <b>2018</b> ,		75
45	A Privacy Preserving Scheme for Nearest Neighbor Query. <i>Sensors</i> , <b>2018</b> , 18,	3.8	21
44	An Efficient Security System for Mobile Data Monitoring. <i>Wireless Communications and Mobile Computing</i> , <b>2018</b> , 2018, 1-10	1.9	2
43	A robust detection algorithm for image Copy-Move forgery in smooth regions <b>2017</b> ,		3
42	Note: Measuring instrument of singlet oxygen quantum yield in photodynamic effects. <i>Review of Scientific Instruments</i> , <b>2017</b> , 88, 066102	1.7	1
41	Cuckoo: flexible compute-intensive task offloading in mobile cloud computing. <i>Wireless Communications and Mobile Computing</i> , <b>2016</b> , 16, 3256-3268	1.9	5

40	CAPR: context-aware participant recruitment mechanism in mobile crowdsourcing. <i>Wireless Communications and Mobile Computing</i> , <b>2016</b> , 16, 2179-2193	1.9	9
39	Multiple Mix-Zones Deployment for Continuous Location Privacy Protection <b>2016</b> ,		8
38	Privacy-Aware Information Sharing in Location-Based Services: Attacks and Defense. <i>IEICE Transactions on Information and Systems</i> , <b>2016</b> , E99.D, 1991-2001	0.6	
37	A Keypoint-Based Region Duplication Forgery Detection Algorithm. <i>IEICE Transactions on Information and Systems</i> , <b>2016</b> , E99.D, 2413-2416	0.6	2
36	LPPS: Location privacy protection for smartphones <b>2016</b> ,		3
35	Performance Difference Prediction in Cloud Services for SLA-Based Auditing <b>2015</b> ,		3
34	An effective access control scheme for preventing permission leak in Android <b>2015</b> ,		8
33	Effective task scheduling in proximate mobile device based communication systems <b>2015</b> ,		4
32	Toward Vehicle-Assisted Cloud Computing for Smartphones. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 5610-5618	6.8	113
31	CLPP: Context-aware location privacy protection for location-based social network <b>2015</b> ,		8
30	Geometric Routing on Flat Names for ICN <b>2015</b> ,		3
29	An efficient parallel algorithm for exact multi-pattern matching. <i>Security and Communication Networks</i> , <b>2015</b> , 8, 1688-1697	1.9	3
28	A Correlated Model for Evaluating Performance and Energy of Cloud System Given System Reliability. <i>Discrete Dynamics in Nature and Society</i> , <b>2015</b> , 2015, 1-10	1.1	1
27	A novel stochastic-encryption-based P2P Digital Rights Management scheme <b>2015</b> ,		1
26	The Property of Chaotic Orbits with Lower Positions of Numerical Solutions in the Logistic Map. <i>Entropy</i> , <b>2014</b> , 16, 5618-5632	2.8	1
25	Verifying cloud service-level agreement by a third-party auditor. <i>Security and Communication Networks</i> , <b>2014</b> , 7, 492-502	1.9	15
24	Designing robust routing protocols to protect base stations in wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , <b>2014</b> , 14, 1613-1626	1.9	7
23	Prometheus: Privacy-aware data retrieval on hybrid cloud <b>2013</b> ,		38

22	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 338-347	14.2	5
21	A parallel encryption algorithm of the logistic map for multicore with OpenMP <b>2013</b> ,		3
20	A performance prediction scheme for computation-intensive applications on cloud <b>2013</b> ,		4
19	A New Property of Logistic Map with Scalable Precision <b>2012</b> ,		1
18	Comparison and Analysis of Flow Features at the Packet Level for Traffic Classification <b>2012</b> ,		4
17	DDoS vulnerability of BitTorrent Peer Exchange extension: Analysis and defense <b>2012</b> ,		2
16	Base station location protection in wireless sensor networks: Attacks and defense <b>2012</b> ,		2
15	Improving the QoS of Web Applications across Multiple Virtual Machines in Cloud Computing Environment <b>2012</b> ,		3
14	Towards Efficient Anonymous Communications in Sensor Networks <b>2011</b> ,		3
13	A General Distributed Object Locating Architecture in the Internet of Things <b>2010</b> ,		1
12	TCFOM: A Robust Traffic Classification Framework Based on OC-SVM Combined with MC-SVM <b>2010</b> ,		3
11	Identification and Analysis of Skype Peer-to-Peer Traffic <b>2010</b> ,		14
10	Traffic identification using flexible neural trees <b>2010</b> ,		7
9	New data mining technique to enhance IDS alarms quality. <i>Journal in Computer Virology</i> , <b>2010</b> , 6, 43-55		7
8	An Autonomous Road Side Infrastructure Based System in Secure VANETs <b>2009</b> ,		5
7	IDS alerts correlation using grammar-based approach. <i>Journal in Computer Virology</i> , <b>2009</b> , 5, 271-282		16
6	A Memory-Efficient Multi-pattern Matching Algorithm Based on the Bitmap <b>2009</b> ,		3
5	Reduction of false positives in intrusion detection via adaptive alert classifier <b>2008</b> ,		1

- 4 Multisite co-allocation scheduling algorithms for parallel jobs in computing grid environments. *Science in China Series F: Information Sciences*, **2006**, 49, 906-926 7
- 3 A parallel programming interface for out-of-core cluster applications. *Cluster Computing*, **2006**, 9, 321-327.1
- 2 An object-oriented method for out-of-core parallel computations on cluster of workstations 2
- 1 Multisite resource selection and scheduling algorithm on computational grid 4