

Shancang Li

List of Publications by Year in descending order

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88
papers

9,362
citations

186209

28
h-index

91828

69
g-index

90
all docs

90
docs citations

90
times ranked

9466
citing authors

#	ARTICLE	IF	CITATIONS
1	Internet of Things in Industries: A Survey. IEEE Transactions on Industrial Informatics, 2014, 10, 2233-2243.	7.2	3,788
2	The internet of things: a survey. Information Systems Frontiers, 2015, 17, 243-259.	4.1	1,510
3	5G Internet of Things: A survey. Journal of Industrial Information Integration, 2018, 10, 1-9.	4.3	833
4	Compressed Sensing Signal and Data Acquisition in Wireless Sensor Networks and Internet of Things. IEEE Transactions on Industrial Informatics, 2013, 9, 2177-2186.	7.2	449
5	QoS-Aware Scheduling of Services-Oriented Internet of Things. IEEE Transactions on Industrial Informatics, 2014, 10, 1497-1505.	7.2	222
6	The Internet of Things: a security point of view. Internet Research, 2016, 26, 337-359.	2.7	188
7	Integration of hybrid wireless networks in cloud services oriented enterprise information systems. Enterprise Information Systems, 2012, 6, 165-187.	3.3	168
8	A decision support system for product design in concurrent engineering. Decision Support Systems, 2007, 42, 2029-2042.	3.5	132
9	Time-aware distributed service recommendation with privacy-preservation. Information Sciences, 2019, 480, 354-364.	4.0	129
10	Identification of multiple faults in rotating machinery based on minimum entropy deconvolution combined with spectral kurtosis. Mechanical Systems and Signal Processing, 2016, 81, 235-249.	4.4	114
11	An IoT-Oriented data placement method with privacy preservation in cloud environment. Journal of Network and Computer Applications, 2018, 124, 148-157.	5.8	114
12	Lightweight cryptography methods. Journal of Cyber Security Technology, 2017, 1, 187-201.	1.8	105
13	A long short-term memory-based model for greenhouse climate prediction. International Journal of Intelligent Systems, 2022, 37, 135-151.	3.3	102
14	Robust Collaborative Filtering Recommendation With User-Item-Trust Records. IEEE Transactions on Computational Social Systems, 2022, 9, 986-996.	3.2	100
15	Privacy-Aware Cross-Platform Service Recommendation Based on Enhanced Locality-Sensitive Hashing. IEEE Transactions on Network Science and Engineering, 2021, 8, 1145-1153.	4.1	98
16	Blockchain Enabled Industrial Internet of Things Technology. IEEE Transactions on Computational Social Systems, 2019, 6, 1442-1453.	3.2	97
17	A Distributed Consensus Algorithm for Decision Making in Service-Oriented Internet of Things. IEEE Transactions on Industrial Informatics, 2014, 10, 1461-1468.	7.2	95
18	IoT Forensics: Amazon Echo as a Use Case. IEEE Internet of Things Journal, 2019, 6, 6487-6497.	5.5	94

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19	Spatial-temporal data-driven service recommendation with privacy-preservation. Information Sciences, 2020, 515, 91-102.	4.0	79
20	A Continuous Biomedical Signal Acquisition System Based on Compressed Sensing in Body Sensor Networks. IEEE Transactions on Industrial Informatics, 2013, 9, 1764-1771.	7.2	76
21	Blockchain-Based Digital Forensics Investigation Framework in the Internet of Things and Social Systems. IEEE Transactions on Computational Social Systems, 2019, 6, 1433-1441.	3.2	68
22	Adaptive and Secure Load-Balancing Routing Protocol for Service-Oriented Wireless Sensor Networks. IEEE Systems Journal, 2014, 8, 858-867.	2.9	60
23	Distributed Consensus Algorithm for Events Detection in Cyber-Physical Systems. IEEE Internet of Things Journal, 2019, 6, 2299-2308.	5.5	58
24	A Heuristic Offloading Method for Deep Learning Edge Services in 5G Networks. IEEE Access, 2019, 7, 67734-67744.	2.6	49
25	Risk Assessment for Mobile Systems Through a Multilayered Hierarchical Bayesian Network. IEEE Transactions on Cybernetics, 2016, 46, 1749-1759.	6.2	42
26	A Secure and Anonymous Communicate Scheme over the Internet of Things. ACM Transactions on Sensor Networks, 2022, 18, 1-21.	2.3	42
27	Dynamic Security Risk Evaluation via Hybrid Bayesian Risk Graph in Cyber-Physical Social Systems. IEEE Transactions on Computational Social Systems, 2018, 5, 1133-1141.	3.2	34
28	Video-Based Evidence Analysis and Extraction in Digital Forensic Investigation. IEEE Access, 2019, 7, 55432-55442.	2.6	34
29	Computational Intelligence Enabled Cybersecurity for the Internet of Things. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 666-674.	3.4	34
30	MIAEC: Missing Data Imputation Based on the Evidence Chain. IEEE Access, 2018, 6, 12983-12992.	2.6	32
31	An LSH-based Offloading Method for IoMT Services in Integrated Cloud-Edge Environment. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-19.	3.0	24
32	Deep Learning-Based Security Behaviour Analysis in IoT Environments: A Survey. Security and Communication Networks, 2021, 2021, 1-13.	1.0	22
33	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
34	Privacy-Preserving Federated Deep Learning for Cooperative Hierarchical Caching in Fog Computing. IEEE Internet of Things Journal, 2022, 9, 22246-22255.	5.5	21
35	Local Semidefinite Programming-Based Node Localization System for Wireless Sensor Network Applications. IEEE Systems Journal, 2014, 8, 879-888.	2.9	19
36	Venue2Vec: An Efficient Embedding Model for Fine-Grained User Location Prediction in Geo-Social Networks. IEEE Systems Journal, 2020, 14, 1740-1751.	2.9	16

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37	Local spatial obesity analysis and estimation using online social network sensors. Journal of Biomedical Informatics, 2018, 83, 54-62.	2.5	15
38	Privacy and Security for Resource-Constrained IoT Devices and Networks: Research Challenges and Opportunities. Sensors, 2019, 19, 1935.	2.1	14
39	Influencing factors analysis in pear disease recognition using deep learning. Peer-to-Peer Networking and Applications, 2021, 14, 1816-1828.	2.6	13
40	Highlighting Relationships of a Smartphone's Social Ecosystem in Potentially Large Investigations. IEEE Transactions on Cybernetics, 2016, 46, 1974-1985.	6.2	12
41	Privacy Enhancing Techniques in the Internet of Things Using Data Anonymisation. Information Systems Frontiers, 0, , 1.	4.1	11
42	Scalable Routing Modeling for Wireless Ad Hoc Networks by Using Polychromatic Sets. IEEE Systems Journal, 2013, 7, 50-58.	2.9	10
43	Modelling and characterization of NAND flash memory channels. Measurement: Journal of the International Measurement Confederation, 2015, 70, 225-231.	2.5	10
44	A Comparative Study of Android Users' Privacy Preferences Under the Runtime Permission Model. Lecture Notes in Computer Science, 2017, , 604-622.	1.0	10
45	Security Requirements in IoT Architecture. , 2017, , 97-108.		10
46	A Stream Processing Framework Based on Linked Data for Information Collaborating of Regional Energy Networks. IEEE Transactions on Industrial Informatics, 2021, 17, 179-188.	7.2	10
47	ABSAC: Attribute-Based Access Control Model Supporting Anonymous Access for Smart Cities. Security and Communication Networks, 2021, 2021, 1-11.	1.0	10
48	An Efficient and Privacy-Preserving Blockchain-Based Authentication Scheme for Low Earth Orbit Satellite-Assisted Internet of Things. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 5153-5164.	2.6	10
49	Source nodes localisation algorithm for large-scale wireless sensor networks using self-organising isometric mapping. International Journal of Sensor Networks, 2010, 7, 44.	0.2	8
50	A general distributed consensus algorithm for wireless sensor networks. , 2012, , .		8
51	Intrusion Detection and Prevention in Cloud, Fog, and Internet of Things. Security and Communication Networks, 2019, 2019, 1-4.	1.0	8
52	Local experts finding using user comments in location-based social networks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3600.	2.6	8
53	Node localisation in wireless sensor network based on self-organising isometric embedding. Enterprise Information Systems, 2008, 2, 259-273.	3.3	7
54	Managing cyber security risks in industrial control systems with game theory and viable system modelling. , 2014, , .		7

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55	Symmetry Degree Measurement and its Applications to Anomaly Detection. IEEE Transactions on Information Forensics and Security, 2020, 15, 1040-1055.	4.5	7
56	Visual-Textual Sentiment Analysis Enhanced by Hierarchical Cross-Modality Interaction. IEEE Systems Journal, 2021, 15, 4303-4314.	2.9	7
57	A novel gait recognition analysis system based on body sensor networks for patients with parkinson's disease. , 2010, , .		6
58	Industrial wireless sensor networks 2016. International Journal of Distributed Sensor Networks, 2017, 13, 155014771770954.	1.3	6
59	IoT Node Authentication. , 2017, , 69-95.		6
60	Security Architecture in the Internet of Things. , 2017, , 27-48.		6
61	Forensic Analysis of Digital Images over Smart Devices and Online Social Networks. , 2018, , .		6
62	A novel gait recognition analysis system based on body sensor networks for patients with Parkinson's disease. International Journal of Communication Networks and Distributed Systems, 2011, 7, 262.	0.3	5
63	Security in Enabling Technologies. , 2017, , 109-118.		5
64	Intelligent algorithm for dynamic functional brain network complexity from CN to AD. International Journal of Intelligent Systems, 2022, 37, 4715-4746.	3.3	5
65	An adaptive distributed localisation in wireless sensor network. Enterprise Information Systems, 2009, 3, 117-132.	3.3	4
66	A Novel Algorithm for Node Localization and Motion Analysis in Wireless Sensor Networks. , 2006, , .		3
67	Efficient blind spectrum sensing for cognitive radio networks based on compressed sensing. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	3
68	Behavior Rhythm: A New Model for Behavior Visualization and Its Application in System Security Management. IEEE Access, 2018, 6, 73940-73951.	2.6	3
69	Social Relationships and Temp-Spatial Behaviors Based Community Discovery to Improve Cyber Security Practices. IEEE Access, 2019, 7, 105973-105986.	2.6	3
70	ABCAttack: A Gradient-Free Optimization Black-Box Attack for Fooling Deep Image Classifiers. Entropy, 2022, 24, 412.	1.1	3
71	A novel scalable routing scheme based on Polychromatic Sets theory for wireless sensor networks. , 2010, , .		2
72	Development of a high performance Wireless Mesh Network for video streaming. , 2010, , .		2

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73	Industrial Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 218050.	1.3	2
74	Security and Vulnerability in the Internet of Things. , 2017, , 49-68.		2
75	Guest Editorial Special Issue on Blockchain-Based Secure and Trusted Computing for IoT. IEEE Transactions on Computational Social Systems, 2019, 6, 1369-1372.	3.2	2
76	A Two-Stage Approach for Social Identity Linkage Based on an Enhanced Weighted Graph Model. Mobile Networks and Applications, 2020, 25, 1364-1375.	2.2	2
77	On the Development of Automated Forensic Analysis Methods for Mobile Devices. Lecture Notes in Computer Science, 2014, , 212-213.	1.0	2
78	Microservices priority estimation for IoT platform based on analytic hierarchy process and fuzzy comprehensive method. World Wide Web, 2022, 25, 1851-1862.	2.7	2
79	Deep Learning Based Customer Preferences Analysis in Industry 4.0 Environment. Mobile Networks and Applications, 2021, 26, 2329.	2.2	2
80	MTAL: A Novel Chinese Herbal Medicine Classification Approach with Mutual Triplet Attention Learning. Wireless Communications and Mobile Computing, 2022, 2022, 1-9.	0.8	2
81	Modeling and Analyzing Concurrent Design Process for Manufacturing Enterprise Information Systems. , 2006, , .		1
82	Machine Learning based Activity learning for Behavioral Contexts in Internet of Things. Proceedings of the Institute for System Programming of RAS, 2021, 33, 47-58.	0.1	1
83	A Formal Modeling Method based on CPN. , 2006, , .		0
84	A high performance congestion control scheme for streaming transmission over wireless mesh networks. , 2010, , .		0
85	Sensor Network Localization Based on Distance Reconstruction. , 2012, , .		0
86	Dancing with the sound in edge computing environments. Wireless Networks, 0, , 1.	2.0	0
87	Changing the Threshold in a Bivariate Polynomial Based Secret Image Sharing Scheme. Mathematics, 2022, 10, 710.	1.1	0
88	Behavior Pattern Mining from Traffic and Its Application to Network Anomaly Detection. Security and Communication Networks, 2022, 2022, 1-17.	1.0	0