

# Lijuan Sun

## List of Publications by Year in descending order

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59  
papers

747  
citations

623734

14  
h-index

580821

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g-index

59  
all docs

59  
docs citations

59  
times ranked

795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Template Protection Based on Chaotic Map for Finger Vein Recognition. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 82-95.	1.4	4
2	Cross-scene passive human activity recognition using commodity WiFi. Frontiers of Computer Science, 2022, 16, 1.	2.4	8
3	TWCC: A Robust Through-the-Wall Crowd Counting System Using Ambient WiFi Signals. IEEE Transactions on Vehicular Technology, 2022, 71, 4198-4211.	6.3	4
4	Online Missing Data Imputation Using Virtual Temporal Neighbor in Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-20.	1.2	2
5	A weighted range-free localization algorithm for irregular multihop networks. International Journal of Communication Systems, 2022, 35, .	2.5	3
6	A Dataset and Benchmark for Multimodal Biometric Recognition Based on Fingerprint and Finger Vein. IEEE Transactions on Information Forensics and Security, 2022, 17, 2030-2043.	6.9	17
7	Movements Classification Through sEMG With Convolutional Vision Transformer and Stacking Ensemble Learning. IEEE Sensors Journal, 2022, 22, 13318-13325.	4.7	19
8	DSCP: Depthwise Separable Convolution-Based Passive Indoor Localization Using CSI Fingerprint. Wireless Communications and Mobile Computing, 2021, 2021, 1-17.	1.2	6
9	Fuzzy Multilevel Image Thresholding Based on Improved Coyote Optimization Algorithm. IEEE Access, 2021, 9, 33595-33607.	4.2	49
10	Attention-based video object segmentation algorithm. IET Image Processing, 2021, 15, 1668-1678.	2.5	2
11	Temporal and Spatial Nearest Neighbor Values Based Missing Data Imputation in Wireless Sensor Networks. Sensors, 2021, 21, 1782.	3.8	8
12	Adaptive Routing Strategy Based on Improved Double Q-Learning for Satellite Internet of Things. Security and Communication Networks, 2021, 2021, 1-11.	1.5	6
13	Finger vein recognition system with template protection based on convolutional neural network. Knowledge-Based Systems, 2021, 227, 107159.	7.1	22
14	Network traffic prediction method based on echo state network with adaptive reservoir. Software - Practice and Experience, 2021, 51, 2238-2251.	3.6	6
15	Palm Vein Recognition Based on Dual-channel Convolutional Neural Network. , 2021, , .		0
16	Traffic Prediction Method for GEO Satellites Combining ARIMA Model and Grey Model. Journal of Shanghai Jiaotong University (Science), 2020, 25, 65-69.	0.9	8
17	GQM: Autonomous goods quantity monitoring in IIoT based on battery-free RFID. Mechanical Systems and Signal Processing, 2020, 136, 106411.	8.0	5
18	Multi-Variations Activity Based Gaits Recognition Using Commodity WiFi. IEEE Transactions on Vehicular Technology, 2020, 69, 2263-2273.	6.3	30

#	ARTICLE	IF	CITATIONS
19	Routing Strategy for LEO Satellite Networks Based on Membership Degree Functions. Security and Communication Networks, 2020, 2020, 1-9.	1.5	5
20	A Hybrid Dispatch Strategy Based on the Demand Prediction of Shared Bicycles. Applied Sciences (Switzerland), 2020, 10, 2778.	2.5	5
21	An Accurate Device-Free Action Recognition System Using Two-Stream Network. IEEE Transactions on Vehicular Technology, 2020, 69, 7930-7939.	6.3	15
22	Depthwise Separable Convolution based Passive Indoor Localization using CSI Fingerprint. , 2020, , .		13
23	RF-IDH: An intelligent fall detection system for hemodialysis patients via COTS RFID. Future Generation Computer Systems, 2020, 113, 13-24.	7.5	8
24	Deep Spatial&#x2013;Temporal Model Based Cross-Scene Action Recognition Using Commodity WiFi. IEEE Internet of Things Journal, 2020, 7, 3592-3601.	8.7	57
25	A Distributed Image Compression Scheme for Energy Harvesting Wireless Multimedia Sensor Networks. Sensors, 2020, 20, 667.	3.8	6
26	Trajectory Optimization for UAVs&#x2013;Efficient Charging in Wireless Rechargeable Sensor Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 4207-4220.	6.3	52
27	MOLEAS: a Multi-stage Online Learning Effectiveness Assessment Scheme in MOOC. , 2020, , .		3
28	Video segmentation scheme based on AMC. IET Image Processing, 2020, 14, 407-416.	2.5	2
29	Motion Path Reconstruction in Indoor Environment Using Commodity Wi-Fi. IEEE Transactions on Vehicular Technology, 2019, 68, 7668-7678.	6.3	4
30	Improved hop&#x2013;based localisation algorithm for irregular networks. IET Communications, 2019, 13, 520-527.	2.2	12
31	A Distributed Image Compression Scheme for Energy Harvesting Wireless Multimedia Sensor Networks. , 2019, , .		1
32	Person re-identification using salient region matching game. Multimedia Tools and Applications, 2018, 77, 21393-21415.	3.9	3
33	Improved side information generation algorithm based on naive Bayesian theory for distributed video coding. IET Image Processing, 2018, 12, 354-360.	2.5	11
34	Network Traffic Prediction Method Based on Improved Echo State Network. IEEE Access, 2018, 6, 70625-70632.	4.2	20
35	Water Quality Prediction Method Based on IGRA and LSTM. Water (Switzerland), 2018, 10, 1148.	2.7	69
36	DV&#x2013;hop localisation algorithm based on optimal weighted least square in irregular areas. Electronics Letters, 2018, 54, 1243-1245.	1.0	19

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37	Node Localization Based on Improved PSO and Mobile Nodes for Environmental Monitoring WSNs. International Journal of Wireless Information Networks, 2018, 25, 470-479.	2.7	5
38	A CSI Frequency Domain Fingerprint-Based Method for Passive Indoor Human Detection. , 2018, , .		7
39	A Clustering Algorithm for Heterogeneous Wireless Sensor Networks Based on Solar Energy Supply. Electronics (Switzerland), 2018, 7, 103.	3.1	9
40	A Multiple Access Protocol Based on Gray Forecast for Satellite Network. Future Internet, 2018, 10, 45.	3.8	0
41	An energy-efficient data transmission protocol for mobile crowd sensing. Peer-to-Peer Networking and Applications, 2017, 10, 510-518.	3.9	11
42	A Quick Artificial Bee Colony Algorithm for Image Thresholding. Information (Switzerland), 2017, 8, 16.	2.9	14
43	An Image Compression Scheme in Wireless Multimedia Sensor Networks Based on NMF. Information (Switzerland), 2017, 8, 26.	2.9	7
44	Design and Implementation of Low-Power Analog-to-Information Conversion for Environmental Information Perception. Energies, 2017, 10, 753.	3.1	5
45	Modified Discrete Grey Wolf Optimizer Algorithm for Multilevel Image Thresholding. Computational Intelligence and Neuroscience, 2017, 2017, 1-16.	1.7	41
46	Packet-Forwarding Algorithm in DTN Based on the Pheromone of Destination Node. Information (Switzerland), 2016, 7, 51.	2.9	0
47	Fuzzy Multilevel Image Thresholding Based on Modified Discrete Grey Wolf Optimizer and Local Information Aggregation. IEEE Access, 2016, 4, 6438-6450.	4.2	56
48	Utility-aware data transmission scheme for delay tolerant networks. Peer-to-Peer Networking and Applications, 2016, 9, 936-944.	3.9	41
49	Load Balanced Coding Aware Multipath Routing for Wireless Mesh Networks. Chinese Journal of Electronics, 2015, 24, 8-12.	1.5	11
50	Dynamic channel reservation scheme based on priorities in LEO satellite systems. Journal of Systems Engineering and Electronics, 2015, 26, 1-9.	2.2	23
51	An admission control scheme based on the game theory for LEO satellite networks. , 2014, , .		0
52	Traversal path algorithm based on boundaries of intersection region in three-dimensional directional sensor networks. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
53	Multiview and multifocus image fusion based on wavelet transform for wireless multimedia sensor networks. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	1
54	Mining frequent itemsets in data streams based on genetic algorithm. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	Iterative location algorithm based on adaptive grid. , 2013, , .		0
56	Localization algorithm based on minimum condition number for wireless sensor networks. Journal of Electronics, 2013, 30, 25-32.	0.2	3
57	A new approach to DVC combined with ROI extraction and residual video coding for multimedia sensor networks. Journal of Electronics, 2013, 30, 17-24.	0.2	2
58	A Novel Clustering Ant-Based QoS-aware Routing Algorithm in Large Scale Wireless Multimedia Sensor Networks. , 2012, , .		1
59	Topology control based on quantum genetic algorithm in sensor networks. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2007, 2, 326-329.	0.6	6