

# Lijuan Sun

## List of Publications by Year in descending order

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59  
papers

747  
citations

623734

14  
h-index

580821

25  
g-index

59  
all docs

59  
docs citations

59  
times ranked

795  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water Quality Prediction Method Based on IGRA and LSTM. <i>Water (Switzerland)</i> , 2018, 10, 1148.	2.7	69
2	Deep Spatial-Temporal Model Based Cross-Scene Action Recognition Using Commodity WiFi. <i>IEEE Internet of Things Journal</i> , 2020, 7, 3592-3601.	8.7	57
3	Fuzzy Multilevel Image Thresholding Based on Modified Discrete Grey Wolf Optimizer and Local Information Aggregation. <i>IEEE Access</i> , 2016, 4, 6438-6450.	4.2	56
4	Trajectory Optimization for UAVs' Efficient Charging in Wireless Rechargeable Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 4207-4220.	6.3	52
5	Fuzzy Multilevel Image Thresholding Based on Improved Coyote Optimization Algorithm. <i>IEEE Access</i> , 2021, 9, 33595-33607.	4.2	49
6	Utility-aware data transmission scheme for delay tolerant networks. <i>Peer-to-Peer Networking and Applications</i> , 2016, 9, 936-944.	3.9	41
7	Modified Discrete Grey Wolf Optimizer Algorithm for Multilevel Image Thresholding. <i>Computational Intelligence and Neuroscience</i> , 2017, 2017, 1-16.	1.7	41
8	Multi-Variations Activity Based Gaits Recognition Using Commodity WiFi. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 2263-2273.	6.3	30
9	Dynamic channel reservation scheme based on priorities in LEO satellite systems. <i>Journal of Systems Engineering and Electronics</i> , 2015, 26, 1-9.	2.2	23
10	Finger vein recognition system with template protection based on convolutional neural network. <i>Knowledge-Based Systems</i> , 2021, 227, 107159.	7.1	22
11	Network Traffic Prediction Method Based on Improved Echo State Network. <i>IEEE Access</i> , 2018, 6, 70625-70632.	4.2	20
12	DV-hop localisation algorithm based on optimal weighted least square in irregular areas. <i>Electronics Letters</i> , 2018, 54, 1243-1245.	1.0	19
13	Movements Classification Through sEMG With Convolutional Vision Transformer and Stacking Ensemble Learning. <i>IEEE Sensors Journal</i> , 2022, 22, 13318-13325.	4.7	19
14	A Dataset and Benchmark for Multimodal Biometric Recognition Based on Fingerprint and Finger Vein. <i>IEEE Transactions on Information Forensics and Security</i> , 2022, 17, 2030-2043.	6.9	17
15	An Accurate Device-Free Action Recognition System Using Two-Stream Network. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 7930-7939.	6.3	15
16	A Quick Artificial Bee Colony Algorithm for Image Thresholding. <i>Information (Switzerland)</i> , 2017, 8, 16.	2.9	14
17	Depthwise Separable Convolution based Passive Indoor Localization using CSI Fingerprint. , 2020, , .		13
18	Improved hop-based localisation algorithm for irregular networks. <i>IET Communications</i> , 2019, 13, 520-527.	2.2	12

#	ARTICLE	IF	CITATIONS
19	Load Balanced Coding Aware Multipath Routing for Wireless Mesh Networks. Chinese Journal of Electronics, 2015, 24, 8-12.	1.5	11
20	An energy-efficient data transmission protocol for mobile crowd sensing. Peer-to-Peer Networking and Applications, 2017, 10, 510-518.	3.9	11
21	Improved side information generation algorithm based on naive Bayesian theory for distributed video coding. IET Image Processing, 2018, 12, 354-360.	2.5	11
22	A Clustering Algorithm for Heterogeneous Wireless Sensor Networks Based on Solar Energy Supply. Electronics (Switzerland), 2018, 7, 103.	3.1	9
23	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
24	RF-IDH: An intelligent fall detection system for hemodialysis patients via COTS RFID. Future Generation Computer Systems, 2020, 113, 13-24.	7.5	8
25	Temporal and Spatial Nearest Neighbor Values Based Missing Data Imputation in Wireless Sensor Networks. Sensors, 2021, 21, 1782.	3.8	8
26	Cross-scene passive human activity recognition using commodity WiFi. Frontiers of Computer Science, 2022, 16, 1.	2.4	8
27	An Image Compression Scheme in Wireless Multimedia Sensor Networks Based on NMF. Information (Switzerland), 2017, 8, 26.	2.9	7
28	A CSI Frequency Domain Fingerprint-Based Method for Passive Indoor Human Detection. , 2018, , .		7
29	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
30	A Distributed Image Compression Scheme for Energy Harvesting Wireless Multimedia Sensor Networks. Sensors, 2020, 20, 667.	3.8	6
31	DSCP: Depthwise Separable Convolution-Based Passive Indoor Localization Using CSI Fingerprint. Wireless Communications and Mobile Computing, 2021, 2021, 1-17.	1.2	6
32	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
33	Network traffic prediction method based on echo state network with adaptive reservoir. Software - Practice and Experience, 2021, 51, 2238-2251.	3.6	6
34	Design and Implementation of Low-Power Analog-to-Information Conversion for Environmental Information Perception. Energies, 2017, 10, 753.	3.1	5
35	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
36	GQM: Autonomous goods quantity monitoring in IIoT based on battery-free RFID. Mechanical Systems and Signal Processing, 2020, 136, 106411.	8.0	5

#	ARTICLE	IF	CITATIONS
37	Routing Strategy for LEO Satellite Networks Based on Membership Degree Functions. Security and Communication Networks, 2020, 2020, 1-9.	1.5	5
38	A Hybrid Dispatch Strategy Based on the Demand Prediction of Shared Bicycles. Applied Sciences (Switzerland), 2020, 10, 2778.	2.5	5
39	Motion Path Reconstruction in Indoor Environment Using Commodity Wi-Fi. IEEE Transactions on Vehicular Technology, 2019, 68, 7668-7678.	6.3	4
40	Template Protection Based on Chaotic Map for Finger Vein Recognition. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 82-95.	1.4	4
41	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
42	Localization algorithm based on minimum condition number for wireless sensor networks. Journal of Electronics, 2013, 30, 25-32.	0.2	3
43	Person re-identification using salient region matching game. Multimedia Tools and Applications, 2018, 77, 21393-21415.	3.9	3
44	MOLEAS: a Multi-stage Online Learning Effectiveness Assessment Scheme in MOOC. , 2020, , .		3
45	A weighted range-free localization algorithm for irregular multihop networks. International Journal of Communication Systems, 2022, 35, .	2.5	3
46	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
47	Attention-based video object segmentation algorithm. IET Image Processing, 2021, 15, 1668-1678.	2.5	2
48	Video segmentation scheme based on AMC. IET Image Processing, 2020, 14, 407-416.	2.5	2
49	Online Missing Data Imputation Using Virtual Temporal Neighbor in Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-20.	1.2	2
50	A Novel Clustering Ant-Based QoS-aware Routing Algorithm in Large Scale Wireless Multimedia Sensor Networks. , 2012, , .		1
51	A Distributed Image Compression Scheme for Energy Harvesting Wireless Multimedia Sensor Networks. , 2019, , .		1
52	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
53	Mining frequent itemsets in data streams based on genetic algorithm. , 2013, , .		0
54	Iterative location algorithm based on adaptive grid. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	An admission control scheme based on the game theory for LEO satellite networks. , 2014, , .		0
56	Packet-Forwarding Algorithm in DTN Based on the Pheromone of Destination Node. Information (Switzerland), 2016, 7, 51.	2.9	0
57	A Multiple Access Protocol Based on Gray Forecast for Satellite Network. Future Internet, 2018, 10, 45.	3.8	0
58	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
59	Palm Vein Recognition Based on Dual-channel Convolutional Neural Network. , 2021, , .		0