

# Jae-Min Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

591  
citations

759233

12  
h-index

839539

18  
g-index

51  
all docs

51  
docs citations

51  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	CNN-Based Automatic Modulation Classification for Beyond 5G Communications. IEEE Communications Letters, 2020, 24, 1038-1041.	4.1	105
2	Edge computational task offloading scheme using reinforcement learning for IIoT scenario. ICT Express, 2020, 6, 291-299.	4.8	53
3	Sparsely Connected CNN for Efficient Automatic Modulation Recognition. IEEE Transactions on Vehicular Technology, 2020, 69, 15557-15568.	6.3	51
4	Towards an IoT-based water quality monitoring system with brokerless pub/sub architecture. , 2017, , .		30
5	Detection and Classification of Human Activity for Emergency Response in Smart Factory Shop Floor. Applied Sciences (Switzerland), 2021, 11, 3662.	2.5	26
6	Efficient Classification of Enciphered SCADA Network Traffic in Smart Factory Using Decision Tree Algorithm. IEEE Access, 2021, 9, 154892-154901.	4.2	26
7	IoMT-Net: Blockchain-Integrated Unauthorized UAV Localization Using Lightweight Convolution Neural Network for Internet of Military Things. IEEE Internet of Things Journal, 2023, 10, 6634-6651.	8.7	20
8	Key Wearable Device Technologies Parameters for Innovative Healthcare Delivery in B5G Network: A Review. IEEE Access, 2022, 10, 49956-49974.	4.2	19
9	On the Performance of Cooperative Transmission Schemes in Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 4007-4018.	11.3	18
10	A Long Short-Term Memory-Based Solar Irradiance Prediction Scheme Using Meteorological Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	18
11	CNN-SSDI: Convolution neural network inspired surveillance system for UAVs detection and identification. Computer Networks, 2021, 201, 108519.	5.1	17
12	DRONET: Multi-Tasking Framework for Real-Time Industrial Facility Aerial Surveillance and Safety. Drones, 2022, 6, 46.	4.9	17
13	Performance Enhancement of Optimized Link State Routing Protocol by Parameter Configuration for UANET. Drones, 2022, 6, 22.	4.9	16
14	Hybrid MAC Protocol for UAV-Assisted Data Gathering in a Wireless Sensor Network. Internet of Things (Netherlands), 2021, 14, 100088.	7.7	14
15	Energy Efficient-based Sensor Data Prediction using Deep Concatenate MLP. , 2021, , .		12
16	Nozzle Thermal Estimation for Fused Filament Fabricating 3D Printer Using Temporal Convolutional Neural Networks. Applied Sciences (Switzerland), 2021, 11, 6424.	2.5	11
17	Deep Learning-Based 3D Printer Fault Detection. , 2021, , .		11
18	Secure Ground Control Station-based Routing Protocol for UAV Networks. , 2019, , .		9

#	ARTICLE	IF	CITATIONS
19	Sensor Failure Recovery using Multi Look-back LSTM Algorithm in Industrial Internet of Things. , 2020, , .		9
20	3GPP Release-16 for Industrial Internet of Things and Mission Critical Communications. , 2020, , .		9
21	Towards Machine Learning Based Analysis of Quality of User Experience (QoUE). International Journal of Machine Learning and Computing, 2020, 10, 752-758.	0.6	9
22	Analysis and Prediction of Hourly Energy Consumption Based on Long Short-Term Memory Neural Network. , 2021, , .		8
23	Anti-Drone System: A Visual-based Drone Detection using Neural Networks. , 2020, , .		8
24	3D Printer State Prediction: A Deep Learning Model Approach. , 2021, , .		8
25	Predictive Maintenance of Aircraft Engine using Deep Learning Technique. , 2020, , .		7
26	Bio-inspired scheme for congestion control in wireless sensor networks. , 2018, , .		5
27	Novel MA-VFBC Based Deployment of Obstacle-Avoiding Scattered Sensors for Region-of-Interest Incidence Monitoring. IEEE Access, 2020, 8, 3065-3075.	4.2	5
28	Benefits, Challenges and Practical Concerns of IoT for Smart Manufacturing. , 2021, , .		5
29	Doppler Radar-based Real-Time Drone Surveillance System Using Convolution Neural Network. , 2021, , .		5
30	Real-Time Monitoring of COVID-19 Vaccination Compliance: A Ubiquitous IT Convergence Approach. , 2021, , .		5
31	Fused Deposition Modeling 3D Printing Fault Diagnosis using Temporal Convolutional Network. , 2021, , .		5
32	Spatial Diversity to Support URLLC through Unlicensed Spectrum in Industrial Wireless Network Systems. , 2018, , .		3
33	DB-BiLSTM: Euclidean Distance-Based Sensor Data Prediction for IoT Applications. , 2021, , .		3
34	Composite Multi-Directional LSTM for Accurate Prediction of Energy Consumption. , 2022, , .		3
35	Enhanced VFDM Spectrum-Sharing Technique for Smart Platform. , 2018, , .		2
36	Bio-inspired Service Provisioning Scheme for Fog-based Industrial Internet of Things. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
37	Adaptive LRFU replacement policy for named data network in industrial IoT. ICT Express, 2022, 8, 258-263.	4.8	2
38	Selecting Gaussian Process Regression Kernels for IoT Intrusion Detection and Classification. , 2021, , .		2
39	Countering DNS Vulnerability to Attacks Using Ensemble Learning. , 2022, , .		2
40	Noise Filtering Mobile Application for Speech Enhancement using a Redundant Convolutional Encoder-Decoder. , 2021, , .		2
41	Rounding Modulation for Transparent Data-Hiding Scheme in High-Quality Audio File. , 2019, , .		1
42	WSNs-based long-range selfie camera system. , 2019, , .		1
43	Identification Method of Military Mobile Device Using for C3I. , 2019, , .		1
44	Prioritized-MAC Model for Intelligent UAV-to-BS Communication in Industrial-WSN Systems. , 2021, , .		1
45	Efficient spectrum management based on localisation of primary user position towards 5G. IET Communications, 2020, 14, 3567-3577.	2.2	1
46	UWB Sensor Assisted Self-Quarantined Person Health Status Monitoring using LSTM. , 2021, , .		1
47	Compressed Neural Network for Thermal Array-Based Fall Detection System on Embedded AI. , 2021, , .		1
48	Countering Attacks in IN-Vehicle Network: An Evaluation of Machine Learning Algorithms. , 2021, , .		1
49	Thermal Array Sensor Resolution-Aware Activity Recognition using Convolutional Neural Network. , 2022, , .		1
50	A Survey on Low Latency Blockchain Architectures for Industrial Networks. , 2021, , .		0
51	Energy Efficient UAV Deployment with Optimized Path-Planning in Post-Disaster Environment. , 2021, , .		0