

Jae-Min Lee

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

591
citations

759233

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docs citations

51
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Adaptive LRFU replacement policy for named data network in industrial IoT. ICT Express, 2022, 8, 258-263.	4.8	2
4	Composite Multi-Directional LSTM for Accurate Prediction of Energy Consumption. , 2022, , .		3
5	Performance Enhancement of Optimized Link State Routing Protocol by Parameter Configuration for UANET. Drones, 2022, 6, 22.	4.9	16
6	DRONET: Multi-Tasking Framework for Real-Time Industrial Facility Aerial Surveillance and Safety. Drones, 2022, 6, 46.	4.9	17
7	Countering DNS Vulnerability to Attacks Using Ensemble Learning. , 2022, , .		2
8	Thermal Array Sensor Resolution-Aware Activity Recognition using Convolutional Neural Network. , 2022, , .		1
9	Key Wearable Device Technologies Parameters for Innovative Healthcare Delivery in B5G Network: A Review. IEEE Access, 2022, 10, 49956-49974.	4.2	19
10	Hybrid MAC Protocol for UAV-Assisted Data Gathering in a Wireless Sensor Network. Internet of Things (Netherlands), 2021, 14, 100088.	7.7	14
11	Analysis and Prediction of Hourly Energy Consumption Based on Long Short-Term Memory Neural Network. , 2021, , .		8
12	Prioritized-MAC Model for Intelligent UAV-to-BS Communication in Industrial-WSN Systems. , 2021, , .		1
13	Detection and Classification of Human Activity for Emergency Response in Smart Factory Shop Floor. Applied Sciences (Switzerland), 2021, 11, 3662.	2.5	26
14	Nozzle Thermal Estimation for Fused Filament Fabricating 3D Printer Using Temporal Convolutional Neural Networks. Applied Sciences (Switzerland), 2021, 11, 6424.	2.5	11
15	Deep Learning-Based 3D Printer Fault Detection. , 2021, , .		11
16	CNN-SSDI: Convolution neural network inspired surveillance system for UAVs detection and identification. Computer Networks, 2021, 201, 108519.	5.1	17
17	Energy Efficient-based Sensor Data Prediction using Deep Concatenate MLP. , 2021, , .		12
18	Efficient Classification of Enciphered SCADA Network Traffic in Smart Factory Using Decision Tree Algorithm. IEEE Access, 2021, 9, 154892-154901.	4.2	26

#	ARTICLE	IF	CITATIONS
19	Benefits, Challenges and Practical Concerns of IoT for Smart Manufacturing. , 2021, , .		5
20	UWB Sensor Assisted Self-Quarantined Person Health Status Monitoring using LSTM. , 2021, , .		1
21	DB-BiLSTM: Euclidean Distance-Based Sensor Data Prediction for IoT Applications. , 2021, , .		3
22	Selecting Gaussian Process Regression Kernels for IoT Intrusion Detection and Classification. , 2021, , .		2
23	Compressed Neural Network for Thermal Array-Based Fall Detection System on Embedded AI. , 2021, , .		1
24	Doppler Radar-based Real-Time Drone Surveillance System Using Convolution Neural Network. , 2021, , .		5
25	Countering Attacks in IN-Vehicle Network: An Evaluation of Machine Learning Algorithms. , 2021, , .		1
26	A Survey on Low Latency Blockchain Architectures for Industrial Networks. , 2021, , .		0
27	Real-Time Monitoring of COVID-19 Vaccination Compliance: A Ubiquitous IT Convergence Approach. , 2021, , .		5
28	Energy Efficient UAV Deployment with Optimized Path-Planning in Post-Disaster Environment. , 2021, , .		0
29	Fused Deposition Modeling 3D Printing Fault Diagnosis using Temporal Convolutional Network. , 2021, , .		5
30	Noise Filtering Mobile Application for Speech Enhancement using a Redundant Convolutional Encoder-Decoder. , 2021, , .		2
31	3D Printer State Prediction: A Deep Learning Model Approach. , 2021, , .		8
32	Edge computational task offloading scheme using reinforcement learning for IIoT scenario. ICT Express, 2020, 6, 291-299.	4.8	53
33	Sensor Failure Recovery using Multi Look-back LSTM Algorithm in Industrial Internet of Things. , 2020, , .		9
34	Sparsely Connected CNN for Efficient Automatic Modulation Recognition. IEEE Transactions on Vehicular Technology, 2020, 69, 15557-15568.	6.3	51
35	CNN-Based Automatic Modulation Classification for Beyond 5G Communications. IEEE Communications Letters, 2020, 24, 1038-1041.	4.1	105
36	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

#	ARTICLE	IF	CITATIONS
37	3GPP Release-16 for Industrial Internet of Things and Mission Critical Communications. , 2020, , .		9
38	Efficient spectrum management based on localisation of primary user position towards 5G. IET Communications, 2020, 14, 3567-3577.	2.2	1
39	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
40	Predictive Maintenance of Aircraft Engine using Deep Learning Technique. , 2020, , .		7
41	Anti-Drone System: A Visual-based Drone Detection using Neural Networks. , 2020, , .		8
42	Rounding Modulation for Transparent Data-Hiding Scheme in High-Quality Audio File. , 2019, , .		1
43	Bio-inspired Service Provisioning Scheme for Fog-based Industrial Internet of Things. , 2019, , .		2
44	WSNs-based long-range selfie camera system. , 2019, , .		1
45	Identification Method of Military Mobile Device Using for C3I. , 2019, , .		1
46	Secure Ground Control Station-based Routing Protocol for UAV Networks. , 2019, , .		9
47	Spatial Diversity to Support URLLC through Unlicensed Spectrum in Industrial Wireless Network Systems. , 2018, , .		3
48	Enhanced VFDN Spectrum-Sharing Technique for Smart Platform. , 2018, , .		2
49	Bio-inspired scheme for congestion control in wireless sensor networks. , 2018, , .		5
50	On the Performance of Cooperative Transmission Schemes in Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 4007-4018.	11.3	18
51	Towards an IoT-based water quality monitoring system with brokerless pub/sub architecture. , 2017, , .		30