

Dong-Seong Kim

List of Publications by Year in descending order

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216
papers

2,629
citations

218677

26
h-index

265206

42
g-index

218
all docs

218
docs citations

218
times ranked

1484
citing authors

#	ARTICLE	IF	CITATIONS
1	MCNet: An Efficient CNN Architecture for Robust Automatic Modulation Classification. IEEE Communications Letters, 2020, 24, 811-815.	4.1	156
2	Toward the Internet of Things for Physical Internet: Perspectives and Challenges. IEEE Internet of Things Journal, 2020, 7, 4711-4736.	8.7	113
3	CNN-Based Automatic Modulation Classification for Beyond 5G Communications. IEEE Communications Letters, 2020, 24, 1038-1041.	4.1	105
4	Energy-Aware Real-Time Routing for Large-Scale Industrial Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2190-2199.	8.7	69
5	Encoding Pose Features to Images With Data Augmentation for 3-D Action Recognition. IEEE Transactions on Industrial Informatics, 2020, 16, 3100-3111.	11.3	67
6	Throughput-Aware Routing for Industrial Sensor Networks: Application to ISA100.11a. IEEE Transactions on Industrial Informatics, 2014, 10, 351-363.	11.3	63
7	Image representation of pose-transition feature for 3D skeleton-based action recognition. Information Sciences, 2020, 513, 112-126.	6.9	62
8	Underwater Acoustic Target Classification Based on Dense Convolutional Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	61
9	FRATO: Fog Resource Based Adaptive Task Offloading for Delay-Minimizing IoT Service Provisioning. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2491-2508.	5.6	58
10	Composite and efficient DDoS attack detection framework for B5G networks. Computer Networks, 2021, 188, 107871.	5.1	55
11	Edge computational task offloading scheme using reinforcement learning for IIoT scenario. ICT Express, 2020, 6, 291-299.	4.8	53
12	The Internet of Things for Logistics: Perspectives, Application Review, and Challenges. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2022, 39, 93-121.	3.2	53
13	Sparsely Connected CNN for Efficient Automatic Modulation Recognition. IEEE Transactions on Vehicular Technology, 2020, 69, 15557-15568.	6.3	51
14	Automatic Modulation Classification: A Deep Architecture Survey. IEEE Access, 2021, 9, 142950-142971.	4.2	50
15	Real-time scheduling method for networked discrete control systems. Control Engineering Practice, 2009, 17, 564-570.	5.5	48
16	Geographical awareness hybrid routing protocol in Mobile Ad Hoc Networks. Wireless Networks, 2017, 23, 1-13.	3.0	46
17	An Information Framework for Internet of Things Services in Physical Internet. IEEE Access, 2018, 6, 43967-43977.	4.2	46
18	IoT-based adaptive network mechanism for reliable smart farm system. Computers and Electronics in Agriculture, 2020, 170, 105287.	7.7	45

#	ARTICLE	IF	CITATIONS
19	Learning 3D spatiotemporal gait feature by convolutional network for person identification. <i>Neurocomputing</i> , 2020, 397, 192-202.	5.9	39
20	Accurate LPI Radar Waveform Recognition With CWD-TFA for Deep Convolutional Network. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 1638-1642.	5.0	39
21	Reinforcement learning based resource management for fog computing environment: Literature review, challenges, and open issues. <i>Journal of Communications and Networks</i> , 2022, 24, 83-98.	2.6	39
22	Physical Activity Recognition With Statistical-Deep Fusion Model Using Multiple Sensory Data for Smart Health. <i>IEEE Internet of Things Journal</i> , 2021, 8, 1533-1543.	8.7	38
23	Dynamic traffic-aware routing algorithm for multi-sink wireless sensor networks. <i>Wireless Networks</i> , 2014, 20, 1239-1250.	3.0	35
24	Towards an IoT-based water quality monitoring system with brokerless pub/sub architecture. , 2017, , .		30
25	Channel-aware cooperative routing in underwater acoustic sensor networks. <i>Journal of Communications and Networks</i> , 2019, 21, 33-44.	2.6	29
26	GRATA: gradient-based traffic-aware routing for wireless sensor networks. <i>IET Wireless Sensor Systems</i> , 2013, 3, 104-111.	1.7	28
27	RFDOA-Net: An Efficient ConvNet for RF-Based DOA Estimation in UAV Surveillance Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 12209-12214.	6.3	27
28	Detection and Classification of Human Activity for Emergency Response in Smart Factory Shop Floor. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3662.	2.5	26
29	Efficient Classification of Enciphered SCADA Network Traffic in Smart Factory Using Decision Tree Algorithm. <i>IEEE Access</i> , 2021, 9, 154892-154901.	4.2	26
30	Channel-Aware Energy-Efficient Two-Hop Cooperative Routing Protocol for Underwater Acoustic Sensor Networks. <i>IEEE Access</i> , 2019, 7, 63181-63194.	4.2	25
31	MIMO-OFDM Modulation Classification Using Three-Dimensional Convolutional Network. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 6738-6743.	6.3	24
32	Overhead reduction scheme for SDN-based Data Center Networks. <i>Computer Standards and Interfaces</i> , 2019, 63, 1-15.	5.4	22
33	MS-DLD: Multi-Sensors Based Daily Locomotion Detection via Kinematic-Static Energy and Body-Specific HMMs. <i>IEEE Access</i> , 2022, 10, 23964-23979.	4.2	21
34	IoMT-Net: Blockchain-Integrated Unauthorized UAV Localization Using Lightweight Convolution Neural Network for Internet of Military Things. <i>IEEE Internet of Things Journal</i> , 2023, 10, 6634-6651.	8.7	20
35	Deep Learning-Based Robust Automatic Modulation Classification for Cognitive Radio Networks. <i>IEEE Access</i> , 2021, 9, 92386-92393.	4.2	19
36	Key Wearable Device Technologies Parameters for Innovative Healthcare Delivery in B5G Network: A Review. <i>IEEE Access</i> , 2022, 10, 49956-49974.	4.2	19

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37	On the Performance of Cooperative Transmission Schemes in Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 4007-4018.	11.3	18
38	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
39	A Smart Surveillance System for People Counting and Tracking Using Particle Flow and Modified SOM. Sustainability, 2021, 13, 5367.	3.2	18
40	Novel hyper-tuned ensemble Random Forest algorithm for the detection of false basic safety messages in Internet of Vehicles. ICT Express, 2023, 9, 122-129.	4.8	18
41	Partial Computation Offloading in Parked Vehicle-Assisted Multi-Access Edge Computing: A Game-Theoretic Approach. IEEE Transactions on Vehicular Technology, 2022, 71, 10220-10225.	6.3	18
42	CNN-SSDI: Convolution neural network inspired surveillance system for UAVs detection and identification. Computer Networks, 2021, 201, 108519.	5.1	17
43	DRONET: Multi-Tasking Framework for Real-Time Industrial Facility Aerial Surveillance and Safety. Drones, 2022, 6, 46.	4.9	17
44	RF-UAVNet: High-Performance Convolutional Network for RF-Based Drone Surveillance Systems. IEEE Access, 2022, 10, 49696-49707.	4.2	17
45	A Novel VANETs-Based Traffic Light Scheduling Scheme for Greener Planet and Safer Road Intersections. IEEE Access, 2019, 7, 22175-22185.	4.2	16
46	Ultrawideband Network Channel Models for Next-Generation Wireless Avionic System. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 113-129.	4.7	16
47	Edge AI prospect using the NeuroEdge computing system: Introducing a novel neuromorphic technology. ICT Express, 2021, 7, 152-157.	4.8	16
48	Performance Enhancement of Optimized Link State Routing Protocol by Parameter Configuration for UANET. Drones, 2022, 6, 22.	4.9	16
49	Wireless Sensor Networks for Industrial Applications. Computer Communications and Networks, 2019, , 127-140.	0.8	15
50	Clustering algorithm of hierarchical structures in large-scale wireless sensor and actuator networks. Journal of Communications and Networks, 2015, 17, 473-481.	2.6	14
51	Hybrid MAC Protocol for UAV-Assisted Data Gathering in a Wireless Sensor Network. Internet of Things (Netherlands), 2021, 14, 100088.	7.7	14
52	Feasibility analysis of hybrid control networks based on common industrial protocol. Computer Standards and Interfaces, 2011, 33, 357-366.	5.4	13
53	Distributed cooperative transmission for underwater acoustic sensor networks. , 2013, , .		13
54	Lightweight Deep Learning Model for Automatic Modulation Classification in Cognitive Radio Networks. IEEE Access, 2020, 8, 197532-197541.	4.2	13

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55	Dragonfly-based swarm system model for node identification in ultra-reliable low-latency communication. <i>Neural Computing and Applications</i> , 2021, 33, 1837-1880.	5.6	13
56	Accurate Deep CNN-Based Waveform Recognition for Intelligent Radar Systems. <i>IEEE Communications Letters</i> , 2021, 25, 2938-2942.	4.1	13
57	RanNet: Learning Residual-Attention Structure in CNNs for Automatic Modulation Classification. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1243-1247.	5.0	13
58	Energy Efficient-based Sensor Data Prediction using Deep Concatenate MLP. , 2021, , .		12
59	A Hybrid Deep Learning Model for Automatic Modulation Classification. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 313-317.	5.0	12
60	Exploiting Cooperative Relay for Reliable Communications in Underwater Acoustic Sensor Networks. , 2014, , .		11
61	Routing protocol over lossy links for ISA100.11a industrial wireless networks. <i>Wireless Networks</i> , 2014, 20, 2359-2370.	3.0	11
62	Industrial Sensors and Controls in Communication Networks. <i>Computer Communications and Networks</i> , 2019, , .	0.8	11
63	DOA estimation of multiple non-coherent and coherent signals using element transposition of covariance matrix. <i>ICT Express</i> , 2020, 6, 67-75.	4.8	11
64	Nozzle Thermal Estimation for Fused Filament Fabricating 3D Printer Using Temporal Convolutional Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6424.	2.5	11
65	Deep Learning-Based 3D Printer Fault Detection. , 2021, , .		11
66	An LSTM-Based Approach for Understanding Human Interactions Using Hybrid Feature Descriptors Over Depth Sensors. <i>IEEE Access</i> , 2021, 9, 167434-167446.	4.2	11
67	The Physical Internet in the Era of Digital Transformation: Perspectives and Open Issues. <i>IEEE Access</i> , 2021, 9, 164613-164631.	4.2	11
68	Adaptive Drone Identification and Neutralization Scheme for Real-Time Military Tactical Operations. , 2022, , .		11
69	Deep Qâ€ learning based resource allocation in industrial wireless networks for URLLC. <i>IET Communications</i> , 2020, 14, 1022-1027.	2.2	10
70	IoT-Based HVAC Monitoring System for Smart Factory. , 2020, , .		10
71	Smart E-Waste Bin Development Based on YOLOv4 Model. , 2021, , .		10
72	Secure Ground Control Station-based Routing Protocol for UAV Networks. , 2019, , .		9

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73	Sensor Failure Recovery using Multi Look-back LSTM Algorithm in Industrial Internet of Things. , 2020, , .		9
74	IoT-Based Vibration Sensor Data Collection and Emergency Detection Classification using Long Short Term Memory (LSTM). , 2021, , .		9
75	Real-time optimizations in energy profiles and end-to-end delay in WSN using two-hop information. Computer Communications, 2021, 172, 169-182.	5.1	9
76	3GPP Release-16 for Industrial Internet of Things and Mission Critical Communications. , 2020, , .		9
77	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
78	CNN-32DC: An improved radar-based drone recognition system based on Convolutional Neural Network. ICT Express, 2022, 8, 606-610.	4.8	9
79	Faulty Node Detection in Distributed Systems Using BCH Code. IEEE Communications Letters, 2013, 17, 620-623.	4.1	8
80	Efficient Forwarding Protocol for Dual-Hop Relaying Wireless Networks. Wireless Personal Communications, 2016, 89, 165-180.	2.7	8
81	Locally Statistical Dual-Mode Background Subtraction Approach. IEEE Access, 2019, 7, 9769-9782.	4.2	8
82	Dual fieldbus industrial IoT networks using edge server architecture. Manufacturing Letters, 2020, 24, 108-112.	2.2	8
83	Analysis and Prediction of Hourly Energy Consumption Based on Long Short-Term Memory Neural Network. , 2021, , .		8
84	Total Variant Based Average Sparsity Model With Reweighted Analysis for Compressive Sensing of Computed Tomography. IEEE Access, 2021, 9, 119158-119170.	4.2	8
85	Blockchain side implementation of Pure Wallet (PW): An offline transaction architecture. ICT Express, 2021, 7, 327-334.	4.8	8
86	Task Priority-based Resource Allocation Algorithm for Task Offloading in Fog-enabled IoT Systems. , 2021, , .		8
87	Anti-Drone System: A Visual-based Drone Detection using Neural Networks. , 2020, , .		8
88	3D Printer State Prediction: A Deep Learning Model Approach. , 2021, , .		8
89	Node discovery scheme of DDS for combat management system. Computer Standards and Interfaces, 2015, 37, 20-28.	5.4	7
90	Robust Image Watermarking Framework Powered by Convolutional Encoder-Decoder Network. , 2019, , .		7

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91	Predictive Maintenance of Aircraft Engine using Deep Learning Technique. , 2020, , .		7
92	Deep Learning for Coexistence Radar-Communication Waveform Recognition. , 2021, , .		7
93	On the Reliability of Industrial Internet of Things from Systematic Perspectives: Evaluation Approaches, Challenges, and Open Issues. IETE Technical Review (Institution of Electronics and) Tj ETQq1 1 0.78433.4 rgBT /Overlock 10		
94	An efficient throughput improvement through bandwidth awareness in cognitive radio networks. Journal of Communications and Networks, 2014, 16, 146-154.	2.6	6
95	Effective spectrum handoff for cognitive UWB industrial networks. , 2015, , .		6
96	Distributed control system for ship engines using dual fieldbus. Computer Standards and Interfaces, 2017, 50, 83-91.	5.4	6
97	Bio-Inspired Cooperative Localization in Industrial Wireless Sensor Network. , 2019, , .		6
98	Accumulative-Load Aware Routing in Software-Defined Networks. , 2015, , .		5
99	Location Aided Zone Routing Protocol in Mobile Ad Hoc Networks. , 2015, , .		5
100	Enhanced SDP-dynamic bloom filters for a DDS node discovery in real-time distributed systems. , 2017, , .		5
101	Bio-inspired scheme for congestion control in wireless sensor networks. , 2018, , .		5
102	An Overview on Industrial Internet of Things. Computer Communications and Networks, 2019, , 207-216.	0.8	5
103	Efficient bandwidth-aware routing for underwater cognitive acoustic sensor networks. IET Wireless Sensor Systems, 2019, 9, 77-84.	1.7	5
104	Energy Consumption Analysis of Beamforming and Cooperative Schemes for Aircraft Wireless Sensor Networks. Applied Sciences (Switzerland), 2020, 10, 4374.	2.5	5
105	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
106	Decentralized Latency-aware Edge Node Grouping with Fault Tolerance for Internet of Battlefield Things. , 2020, , .		5
107	Deep Learning for Constellation-based Modulation Classification under Multipath Fading Channels. , 2020, , .		5
108	Benefits, Challenges and Practical Concerns of IoT for Smart Manufacturing. , 2021, , .		5

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109	Doppler Radar-based Real-Time Drone Surveillance System Using Convolution Neural Network. , 2021, , .		5
110	Real-Time Monitoring of COVID-19 Vaccination Compliance: A Ubiquitous IT Convergence Approach. , 2021, , .		5
111	Impact of Task Splitting on the Delay Performance of Task Offloading in the IoT-enabled Fog Systems. , 2021, , .		5
112	Aerial Supervision of Drones and Other Flying Objects Using Convolutional Neural Networks. , 2022, , .		5
113	Fused Deposition Modeling 3D Printing Fault Diagnosis using Temporal Convolutional Network. , 2021, , .		5
114	Real-Time SLFN-Based Node Localization Using UAV. , 2019, , .		4
115	Highly Secured C3I Communication Network Based on Blockchain Technology for Military System. , 2019, , .		4
116	Fog Radio Access Networks in Internet of Battlefield Things (IoBT) and Load Balancing Technology. , 2019, , .		4
117	Dragonfly approach for resource allocation in industrial wireless networks. Physical Communication, 2020, 43, 101198.	2.1	4
118	The Firmware Design and Implementation Scheme for C Form-Factor Pluggable Optical Transceiver. Applied Sciences (Switzerland), 2020, 10, 2143.	2.5	4
119	Novel MIMO-UWB-Based AG-UG-AG Routing With Microbit Sensors for WUSN. , 2021, 5, 1-4.		4
120	Link delay and spectrum availability aware routing in cognitive sensor networks. IET Communications, 2020, 14, 3639-3651.	2.2	4
121	Tactical Remodeling of Unrecoverable Packets in MIL-STD-1553 Network-bus for Industrial-IoBT. , 2020, , .		4
122	Traffic-aware message scheduling method for ISA100.11a. , 2013, , .		3
123	Dynamic spectrum handoff for industrial cognitive wireless sensor networks. , 2013, , .		3
124	Data forwarding algorithm over lossy links in wireless sensor networks. IEICE Communications Express, 2013, 2, 453-458.	0.4	3
125	Male-silkmoth-inspired routing algorithm for large-scale wireless mesh networks. Journal of Communications and Networks, 2015, 17, 384-393.	2.6	3
126	Rate estimation based relay selection scheme for large-scale wireless networks. IET Communications, 2016, 10, 1501-1507.	2.2	3

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127	TDMA-based efficient cooperative relaying selection scheme in multi-hop wireless networks. Computer Standards and Interfaces, 2017, 53, 39-47.	5.4	3
128	Enhanced industrial message protocol for real-time IoT platform. , 2018, , .		3
129	Spatial Diversity to Support URLLC through Unlicensed Spectrum in Industrial Wireless Network Systems. , 2018, , .		3
130	Energy-efficient Sensors in Data Centers for Industrial Internet of Things (IIoT). , 2018, , .		3
131	Efficient relay selection algorithm for cooperative routing in underwater acoustic sensor networks. , 2018, , .		3
132	Evaluation of DLX Microprocessor Instructions Efficiency for Image Compression. , 2019, , .		3
133	Accurate Modulation Classification with Reusable-Feature Convolutional Neural Network. , 2021, , .		3
134	Precise-Point-Positioning Estimations for Recreational Drones Using Optimized Cubature-Extended Kalman Filtering. IEEE Access, 2021, 9, 134369-134383.	4.2	3
135	Machine Learning Algorithm for Intelligent Prediction for Military Logistics and Planning. , 2020, , .		3
136	An Overview on Wireless Sensor Networks. Computer Communications and Networks, 2019, , 101-113.	0.8	3
137	Double Deep Q-Learning Based Channel Estimation for Industrial Wireless Networks. , 2020, , .		3
138	DB-BiLSTM: Euclidean Distance-Based Sensor Data Prediction for IoT Applications. , 2021, , .		3
139	Deep Learning-based Automatic Modulation Classification for Wireless OFDM Communications. , 2021, , .		3
140	Composite Multi-Directional LSTM for Accurate Prediction of Energy Consumption. , 2022, , .		3
141	Basis Pursuit With Sparsity Averaging for Compressive Sampling of Iris Images. IEEE Access, 2022, 10, 13728-13737.	4.2	3
142	Distributed relay assignment with interference limitation for industrial wireless networks. , 2013, , .		2
143	Lossy link-aware routing algorithm for ISA100.11a wireless networks. , 2013, , .		2
144	Interference-aware relay assignment scheme for multi-hop wireless networks. Wireless Networks, 2015, 21, 2195-2207.	3.0	2

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145	Enhanced VFDN Spectrum-Sharing Technique for Smart Platform. , 2018, , .		2
146	Enhanced Digital Audio Watermarking Using Genetic Algorithm. , 2018, , .		2
147	Real-time Power-splitting with Relay Selection Scheme for Wireless Multi-terminal DF-UWB Relay Network. , 2018, , .		2
148	Long-Range Wireless Tethering Selfie Camera System Using Wireless Sensor Networks. IEEE Access, 2019, 7, 108742-108749.	4.2	2
149	Bio-inspired Service Provisioning Scheme for Fog-based Industrial Internet of Things. , 2019, , .		2
150	FARELI: A FAST and RELIable Routing Path for Cognitive Radio Sensor Networks. , 2019, , .		2
151	Physical Internet for Military Logistics: Perspectives. , 2019, , .		2
152	Analysis of Mood Tags for Multimedia Content Recommendation in Social Networks. , 2019, , .		2
153	Inspection System for Vehicle Headlight Defects Based on Convolutional Neural Network. Applied Sciences (Switzerland), 2021, 11, 4402.	2.5	2
154	Intelligent Face Recognition on the Edge Computing using Neuromorphic Technology. , 2021, , .		2
155	Adaptive LRFU replacement policy for named data network in industrial IoT. ICT Express, 2022, 8, 258-263.	4.8	2
156	UAV-assisted Real-time Data Processing using Deep Q-Network for Industrial Internet of Things. , 2020, , .		2
157	Enhancing Malicious Activity Classification of IoT Network Traffic Characteristics using Stacked Ensemble Learning. , 2021, , .		2
158	Selecting Gaussian Process Regression Kernels for IoT Intrusion Detection and Classification. , 2021, , .		2
159	The Design of The Emerging 5G Using Hybrid GPON and XGS-PON Technology. , 2021, , .		2
160	Performance Enhancement of UFMC Systems using Kaiser Window Filter. , 2021, , .		2
161	Overview of ICT Convergence Specialized Research Center in South Korea. , 2021, , .		2
162	Countering DNS Vulnerability to Attacks Using Ensemble Learning. , 2022, , .		2

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163	Densely-Accumulated Convolutional Network for Accurate LPI Radar Waveform Recognition. , 2021, , .		2
164	Noise Filtering Mobile Application for Speech Enhancement using a Redundant Convolutional Encoder-Decoder. , 2021, , .		2
165	Message Scheduling on CAN Bus for Large-Scaled Ship Engine Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7911-7916.	0.4	1
166	Rate adaptation algorithm for multicast communication in tactical networks. , 2015, , .		1
167	Efficient cooperative relaying selection scheme based on TDMA for military tactical multi-hop wireless networks. , 2015, , .		1
168	Collaborative transmission schemes in industrial Wireless Sensor Networks. , 2016, , .		1
169	Rounding Modulation for Transparent Data-Hiding Scheme in High-Quality Audio File. , 2019, , .		1
170	WSNs-based long-range selfie camera system. , 2019, , .		1
171	Identification Method of Military Mobile Device Using for C3I. , 2019, , .		1
172	Study of Total Ship Computing Environments for Naval Combat Systems. , 2019, , .		1
173	Prioritized-MAC Model for Intelligent UAV-to-BS Communication in Industrial-WSN Systems. , 2021, , .		1
174	Rate-Estimation Based Relay Selection Scheme for Large-Scale Wireless Sensor Networks. , 2013, , .		1
175	On the Performance Evaluations of Cooperative Retransmission Scheme for Cell-Edge Users of URLLC in Multi-Carrier Downlink NOMA Systems. Sensors, 2021, 21, 7052.	3.8	1
176	Energy-Aware Real-Time Routing for Large-Scale Industrial Internet of Things. Computer Communications and Networks, 2019, , 217-239.	0.8	1
177	Spectral Efficiency Improvement based on Small-cell Deployments Toward 5G Communications Technologies. IEIE Transactions on Smart Processing and Computing, 2019, 8, 126-135.	0.4	1
178	Efficient spectrum management based on localisation of primary user position towards 5G. IET Communications, 2020, 14, 3567-3577.	2.2	1
179	Convolutional Neural Network-Based DOA Estimation Using Non-uniform Linear Array for Multipath Channels. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 45-56.	0.3	1
180	Multi-shuffled Convolutional Blocks for Low-complex Modulation Recognition. , 2020, , .		1

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181	Latency Based Reliability Analysis for Naval Combat System. , 2020, , .		1
182	Dynamic VRP Optimization Using Discrete PSO in Edge Computing Environment. , 2021, , .		1
183	UWB Sensor Assisted Self-Quarantined Person Health Status Monitoring using LSTM. , 2021, , .		1
184	Optimizing Multibit Spread Spectrum Audio Watermarking for Internet of Things. , 2021, , .		1
185	Compressed Neural Network for Thermal Array-Based Fall Detection System on Embedded AI. , 2021, , .		1
186	Countering Attacks in IN-Vehicle Network: An Evaluation of Machine Learning Algorithms. , 2021, , .		1
187	Thermal Array Sensor Resolution-Aware Activity Recognition using Convolutional Neural Network. , 2022, , .		1
188	Contention window allocation scheme for V2V. , 2013, , .		0
189	Rate-aware relay selection scheme for wireless networks. , 2013, , .		0
190	Automatic rate fallback algorithm for industrial WLANs. , 2014, , .		0
191	LIDA-ATR for object detection in Automatic Target Recognition system. , 2014, , .		0
192	Parametric curve for data reconstruction method for reliable communication. , 2014, , .		0
193	Multiple relaying protocols for lifetime extension in two-hop wireless networks. , 2014, , .		0
194	Reconstruct unrecoverable data in real-time networks using BÃ©zier curve. IET Communications, 2015, 9, 596-602.	2.2	0
195	Energy-aware routing scheme in industrial wireless sensor networks for Internet of Things systems. , 2016, , .		0
196	Design and implementation of an automated, long-range selfie camera system using LORA. , 2017, , .		0
197	Error detection scheme of smart DDS for naval combat system. , 2018, , .		0
198	Information Protection by Noise Generator for Tactical Smart Platforms. , 2018, , .		0

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199	A Smart TLVC-Based Traffic Light Scheduling for Preventing YLD-related Accidents in Smart City. , 2018, , .		0
200	Design & Implementation of Real-Time Parallel Image Processing Scheme on Fire-Control System. , 2018, , .		0
201	Non Keyword-Based Music Retrieval Using Social Tags. , 2018, , .		0
202	Reliability Assessment for Ultra-reliable and Low Latency Communications in Cyber-physical Energy Systems. , 2019, , .		0
203	Intelligent Vision System for Multi-rotor UAVs in SAR Operation. , 2019, , .		0
204	Lowered-Complexity Decoding Algorithms of LDPC Codes for Agricultural-WSNs.. , 2019, , .		0
205	Field Based Traffic Load Balancing for Industrial Wireless Sensor Network. , 2019, , .		0
206	Corrections to "Deep Learning-Based Robust Automatic Modulation Classification for Cognitive Radio Networks" IEEE Access, 2021, 9, 109094-109094.	4.2	0
207	Design and Implementation Scheme of QSFP28 Optical Transceiver for Long-Reach Transmission Using PAM4 Modulation. Applied Sciences (Switzerland), 2021, 11, 2803.	2.5	0
208	Two-Stage Classification Technique for Malicious DNS Identification. , 2021, , .		0
209	A Distributed Resource Allocation Algorithm for Task Offloading in Fog-enabled IoT Systems. , 2021, , .		0
210	Compressed Time-Frequency Channel Beamforming Using Empirical MIMO-UWB RFs for Indoor Jobshop. IEEE Sensors Journal, 2022, 22, 5457-5469.	4.7	0
211	Cooperative Multi-channel Access for Industrial Wireless Networks Based 802.11 Standard. Computer Communications and Networks, 2019, , 161-172.	0.8	0
212	Space-Time Skeletal Analysis with Jointly Dual-Stream ConvNet for Action Recognition. , 2020, , .		0
213	A Survey on Low Latency Blockchain Architectures for Industrial Networks. , 2021, , .		0
214	Jointly Coordinated GUE-to-BS Multipoint Terminals in Dense Multi-UAV C-NOMA Network Environment. , 2021, , .		0
215	Energy Efficient UAV Deployment with Optimized Path-Planning in Post-Disaster Environment. , 2021, , .		0
216	Improved Partial Transmit Sequence Based PAPR Reduction of UPMC Systems. , 2022, , .		0