

# 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	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	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
3	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
4	Underwater Acoustic Target Classification Based on Dense Convolutional Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	61
5	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
6	Compressed Time-Frequency Channel Beamforming Using Empirical MIMO-UWB RFs for Indoor Jobshop. IEEE Sensors Journal, 2022, 22, 5457-5469.	4.7	0
7	Adaptive LRFU replacement policy for named data network in industrial IoT. ICT Express, 2022, 8, 258-263.	4.8	2
8	A Hybrid Deep Learning Model for Automatic Modulation Classification. IEEE Wireless Communications Letters, 2022, 11, 313-317.	5.0	12
9	Composite Multi-Directional LSTM for Accurate Prediction of Energy Consumption. , 2022, , .		3
10	Adaptive Drone Identification and Neutralization Scheme for Real-Time Military Tactical Operations. , 2022, , .		11
11	Performance Enhancement of Optimized Link State Routing Protocol by Parameter Configuration for UANET. Drones, 2022, 6, 22.	4.9	16
12	Basis Pursuit With Sparsity Averaging for Compressive Sampling of Iris Images. IEEE Access, 2022, 10, 13728-13737.	4.2	3
13	Improved Partial Transmit Sequence Based PAPR Reduction of UFMFC Systems. , 2022, , .		0
14	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 ETQq0 0 0 rgBT 0 Overlock 10 Tf 50 21		10
15	MIMO-OFDM Modulation Classification Using Three-Dimensional Convolutional Network. IEEE Transactions on Vehicular Technology, 2022, 71, 6738-6743.	6.3	24
16	RanNet: Learning Residual-Attention Structure in CNNs for Automatic Modulation Classification. IEEE Wireless Communications Letters, 2022, 11, 1243-1247.	5.0	13
17	MS-DLD: Multi-Sensors Based Daily Locomotion Detection via Kinematic-Static Energy and Body-Specific HMMs. IEEE Access, 2022, 10, 23964-23979.	4.2	21
18	Aerial Supervision of Drones and Other Flying Objects Using Convolutional Neural Networks. , 2022, , .		5

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19	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
20	DRONET: Multi-Tasking Framework for Real-Time Industrial Facility Aerial Surveillance and Safety. <i>Drones</i> , 2022, 6, 46.	4.9	17
21	Countering DNS Vulnerability to Attacks Using Ensemble Learning. , 2022, , .		2
22	Thermal Array Sensor Resolution-Aware Activity Recognition using Convolutional Neural Network. , 2022, , .		1
23	Key Wearable Device Technologies Parameters for Innovative Healthcare Delivery in 5G Network: A Review. <i>IEEE Access</i> , 2022, 10, 49956-49974.	4.2	19
24	RF-UAVNet: High-Performance Convolutional Network for RF-Based Drone Surveillance Systems. <i>IEEE Access</i> , 2022, 10, 49696-49707.	4.2	17
25	CNN-32DC: An improved radar-based drone recognition system based on Convolutional Neural Network. <i>ICT Express</i> , 2022, 8, 606-610.	4.8	9
26	Partial Computation Offloading in Parked Vehicle-Assisted Multi-Access Edge Computing: A Game-Theoretic Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 10220-10225.	6.3	18
27	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
28	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
29	Hybrid MAC Protocol for UAV-Assisted Data Gathering in a Wireless Sensor Network. <i>Internet of Things (Netherlands)</i> , 2021, 14, 100088.	7.7	14
30	Analysis and Prediction of Hourly Energy Consumption Based on Long Short-Term Memory Neural Network. , 2021, , .		8
31	Total Variant Based Average Sparsity Model With Reweighted Analysis for Compressive Sensing of Computed Tomography. <i>IEEE Access</i> , 2021, 9, 119158-119170.	4.2	8
32	Corrections to "Deep Learning-Based Robust Automatic Modulation Classification for Cognitive Radio Networks" IEEE Access, 2021, 9, 109094-109094.	4.2	0
33	Accurate Modulation Classification with Reusable-Feature Convolutional Neural Network. , 2021, , .		3
34	Design and Implementation Scheme of QSFP28 Optical Transceiver for Long-Reach Transmission Using PAM4 Modulation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2803.	2.5	0
35	Novel MIMO-UWB-Based AG-UG-AG Routing With Microbit Sensors for WUSN. , 2021, 5, 1-4.		4
36	Prioritized-MAC Model for Intelligent UAV-to-BS Communication in Industrial-WSN Systems. , 2021, , .		1

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37	Composite and efficient DDoS attack detection framework for B5G networks. <i>Computer Networks</i> , 2021, 188, 107871.	5.1	55
38	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
39	IoT-Based Vibration Sensor Data Collection and Emergency Detection Classification using Long Short Term Memory (LSTM). , 2021, , .		9
40	Two-Stage Classification Technique for Malicious DNS Identification. , 2021, , .		0
41	Real-time optimizations in energy profiles and end-to-end delay in WSN using two-hop information. <i>Computer Communications</i> , 2021, 172, 169-182.	5.1	9
42	Inspection System for Vehicle Headlight Defects Based on Convolutional Neural Network. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4402.	2.5	2
43	A Smart Surveillance System for People Counting and Tracking Using Particle Flow and Modified SOM. <i>Sustainability</i> , 2021, 13, 5367.	3.2	18
44	Edge AI prospect using the NeuroEdge computing system: Introducing a novel neuromorphic technology. <i>ICT Express</i> , 2021, 7, 152-157.	4.8	16
45	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
46	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
47	Deep Learning-Based 3D Printer Fault Detection. , 2021, , .		11
48	A Distributed Resource Allocation Algorithm for Task Offloading in Fog-enabled IoT Systems. , 2021, , .		0
49	Accurate Deep CNN-Based Waveform Recognition for Intelligent Radar Systems. <i>IEEE Communications Letters</i> , 2021, 25, 2938-2942.	4.1	13
50	Blockchain side implementation of Pure Wallet (PW): An offline transaction architecture. <i>ICT Express</i> , 2021, 7, 327-334.	4.8	8
51	FRATO: Fog Resource Based Adaptive Task Offloading for Delay-Minimizing IoT Service Provisioning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2021, 32, 2491-2508.	5.6	58
52	Task Priority-based Resource Allocation Algorithm for Task Offloading in Fog-enabled IoT Systems. , 2021, , .		8
53	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
54	Precise-Point-Positioning Estimations for Recreational Drones Using Optimized Cubature-Extended Kalman Filtering. <i>IEEE Access</i> , 2021, 9, 134369-134383.	4.2	3

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55	Intelligent Face Recognition on the Edge Computing using Neuromorphic Technology. , 2021, , .		2
56	Deep Learning-Based Robust Automatic Modulation Classification for Cognitive Radio Networks. IEEE Access, 2021, 9, 92386-92393.	4.2	19
57	Automatic Modulation Classification: A Deep Architecture Survey. IEEE Access, 2021, 9, 142950-142971.	4.2	50
58	CNN-SSDI: Convolution neural network inspired surveillance system for UAVs detection and identification. Computer Networks, 2021, 201, 108519.	5.1	17
59	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
60	Enhancing Malicious Activity Classification of IoT Network Traffic Characteristics using Stacked Ensemble Learning. , 2021, , .		2
61	Energy Efficient-based Sensor Data Prediction using Deep Concatenate MLP. , 2021, , .		12
62	Efficient Classification of Enciphered SCADA Network Traffic in Smart Factory Using Decision Tree Algorithm. IEEE Access, 2021, 9, 154892-154901.	4.2	26
63	An LSTM-Based Approach for Understanding Human Interactions Using Hybrid Feature Descriptors Over Depth Sensors. IEEE Access, 2021, 9, 167434-167446.	4.2	11
64	The Physical Internet in the Era of Digital Transformation: Perspectives and Open Issues. IEEE Access, 2021, 9, 164613-164631.	4.2	11
65	Dynamic VRP Optimization Using Discrete PSO in Edge Computing Environment. , 2021, , .		1
66	Benefits, Challenges and Practical Concerns of IoT for Smart Manufacturing. , 2021, , .		5
67	UWB Sensor Assisted Self-Quarantined Person Health Status Monitoring using LSTM. , 2021, , .		1
68	DB-BiLSTM: Euclidean Distance-Based Sensor Data Prediction for IoT Applications. , 2021, , .		3
69	Selecting Gaussian Process Regression Kernels for IoT Intrusion Detection and Classification. , 2021, , .		2
70	Optimizing Multibit Spread Spectrum Audio Watermarking for Internet of Things. , 2021, , .		1
71	Compressed Neural Network for Thermal Array-Based Fall Detection System on Embedded AI. , 2021, , .		1
72	Doppler Radar-based Real-Time Drone Surveillance System Using Convolution Neural Network. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
73	Countering Attacks in IN-Vehicle Network: An Evaluation of Machine Learning Algorithms. , 2021, , .		1
74	A Survey on Low Latency Blockchain Architectures for Industrial Networks. , 2021, , .		0
75	The Design of The Emerging 5G Using Hybrid GPON and XGS-PON Technology. , 2021, , .		2
76	Jointly Coordinated GUE-to-BS Multipoint Terminals in Dense Multi-UAV C-NOMA Network Environment. , 2021, , .		0
77	Real-Time Monitoring of COVID-19 Vaccination Compliance: A Ubiquitous IT Convergence Approach. , 2021, , .		5
78	Deep Learning-based Automatic Modulation Classification for Wireless OFDM Communications. , 2021, , .		3
79	Deep Learning for Coexistence Radar-Communication Waveform Recognition. , 2021, , .		7
80	Performance Enhancement of UFMC Systems using Kaiser Window Filter. , 2021, , .		2
81	Energy Efficient UAV Deployment with Optimized Path-Planning in Post-Disaster Environment. , 2021, , .		0
82	Overview of ICT Convergence Specialized Research Center in South Korea. , 2021, , .		2
83	Impact of Task Splitting on the Delay Performance of Task Offloading in the IoT-enabled Fog Systems. , 2021, , .		5
84	Fused Deposition Modeling 3D Printing Fault Diagnosis using Temporal Convolutional Network. , 2021, , .		5
85	Densely-Accumulated Convolutional Network for Accurate LPI Radar Waveform Recognition. , 2021, , .		2
86	Noise Filtering Mobile Application for Speech Enhancement using a Redundant Convolutional Encoder-Decoder. , 2021, , .		2
87	Smart E-Waste Bin Development Based on YOLOv4 Model. , 2021, , .		10
88	3D Printer State Prediction: A Deep Learning Model Approach. , 2021, , .		8
89	Ultrawideband Network Channel Models for Next-Generation Wireless Avionic System. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 113-129.	4.7	16
90	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

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91	Image representation of pose-transition feature for 3D skeleton-based action recognition. Information Sciences, 2020, 513, 112-126.	6.9	62
92	Dragonfly approach for resource allocation in industrial wireless networks. Physical Communication, 2020, 43, 101198.	2.1	4
93	Edge computational task offloading scheme using reinforcement learning for IIoT scenario. ICT Express, 2020, 6, 291-299.	4.8	53
94	Energy Consumption Analysis of Beamforming and Cooperative Schemes for Aircraft Wireless Sensor Networks. Applied Sciences (Switzerland), 2020, 10, 4374.	2.5	5
95	Sensor Failure Recovery using Multi Look-back LSTM Algorithm in Industrial Internet of Things. , 2020, , .		9
96	Sparsely Connected CNN for Efficient Automatic Modulation Recognition. IEEE Transactions on Vehicular Technology, 2020, 69, 15557-15568.	6.3	51
97	Lightweight Deep Learning Model for Automatic Modulation Classification in Cognitive Radio Networks. IEEE Access, 2020, 8, 197532-197541.	4.2	13
98	CNN-Based Automatic Modulation Classification for Beyond 5G Communications. IEEE Communications Letters, 2020, 24, 1038-1041.	4.1	105
99	Dual fieldbus industrial IoT networks using edge server architecture. Manufacturing Letters, 2020, 24, 108-112.	2.2	8
100	The Firmware Design and Implementation Scheme for C Form-Factor Pluggable Optical Transceiver. Applied Sciences (Switzerland), 2020, 10, 2143.	2.5	4
101	Toward the Internet of Things for Physical Internet: Perspectives and Challenges. IEEE Internet of Things Journal, 2020, 7, 4711-4736.	8.7	113
102	IoT-based adaptive network mechanism for reliable smart farm system. Computers and Electronics in Agriculture, 2020, 170, 105287.	7.7	45
103	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
104	Learning 3D spatiotemporal gait feature by convolutional network for person identification. Neurocomputing, 2020, 397, 192-202.	5.9	39
105	MCNet: An Efficient CNN Architecture for Robust Automatic Modulation Classification. IEEE Communications Letters, 2020, 24, 811-815.	4.1	156
106	Deep Q-learning based resource allocation in industrial wireless networks for URLLC. IET Communications, 2020, 14, 1022-1027.	2.2	10
107	DOA estimation of multiple non-coherent and coherent signals using element transposition of covariance matrix. ICT Express, 2020, 6, 67-75.	4.8	11
108	Link delay and spectrum availability aware routing in cognitive sensor networks. IET Communications, 2020, 14, 3639-3651.	2.2	4

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109	Machine Learning Algorithm for Intelligent Prediction for Military Logistics and Planning. , 2020, , .		3
110	3GPP Release-16 for Industrial Internet of Things and Mission Critical Communications. , 2020, , .		9
111	Efficient spectrum management based on localisation of primary user position towards 5G. IET Communications, 2020, 14, 3567-3577.	2.2	1
112	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
113	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
114	UAV-assisted Real-time Data Processing using Deep Q-Network for Industrial Internet of Things. , 2020, , .		2
115	Multi-shuffled Convolutional Blocks for Low-complex Modulation Recognition. , 2020, , .		1
116	Tactical Remodeling of Unrecoverable Packets in MIL-STD-1553 Network-bus for Industrial-IoBT. , 2020, , .		4
117	Double Deep Q-Learning Based Channel Estimation for Industrial Wireless Networks. , 2020, , .		3
118	Decentralized Latency-aware Edge Node Grouping with Fault Tolerance for Internet of Battlefield Things. , 2020, , .		5
119	IoT-Based HVAC Monitoring System for Smart Factory. , 2020, , .		10
120	Predictive Maintenance of Aircraft Engine using Deep Learning Technique. , 2020, , .		7
121	Latency Based Reliability Analysis for Naval Combat System. , 2020, , .		1
122	Deep Learning for Constellation-based Modulation Classification under Multipath Fading Channels. , 2020, , .		5
123	Anti-Drone System: A Visual-based Drone Detection using Neural Networks. , 2020, , .		8
124	Space-Time Skeletal Analysis with Jointly Dual-Stream ConvNet for Action Recognition. , 2020, , .		0
125	Real-Time SLFN-Based Node Localization Using UAV. , 2019, , .		4
126	Long-Range Wireless Tethering Selfie Camera System Using Wireless Sensor Networks. IEEE Access, 2019, 7, 108742-108749.	4.2	2



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127	Reliability Assessment for Ultra-reliable and Low Latency Communications in Cyber-physical Energy Systems. , 2019, , .		0
128	Rounding Modulation for Transparent Data-Hiding Scheme in High-Quality Audio File. , 2019, , .		1
129	Bio-Inspired Cooperative Localization in Industrial Wireless Sensor Network. , 2019, , .		6
130	Channel-Aware Energy-Efficient Two-Hop Cooperative Routing Protocol for Underwater Acoustic Sensor Networks. IEEE Access, 2019, 7, 63181-63194.	4.2	25
131	Bio-inspired Service Provisioning Scheme for Fog-based Industrial Internet of Things. , 2019, , .		2
132	Intelligent Vision System for Multi-rotor UAVs in SAR Operation. , 2019, , .		0
133	WSNs-based long-range selfie camera system. , 2019, , .		1
134	Channel-aware cooperative routing in underwater acoustic sensor networks. Journal of Communications and Networks, 2019, 21, 33-44.	2.6	29
135	FARELI: A FAST and RELIable Routing Path for Cognitive Radio Sensor Networks. , 2019, , .		2
136	Identification Method of Military Mobile Device Using for C3I. , 2019, , .		1
137	Physical Internet for Military Logistics: Perspectives. , 2019, , .		2
138	Secure Ground Control Station-based Routing Protocol for UAV Networks. , 2019, , .		9
139	Study of Total Ship Computing Environments for Naval Combat Systems. , 2019, , .		1
140	Highly Secured C3I Communication Network Based on Blockchain Technology for Military System. , 2019, , .		4
141	Fog Radio Access Networks in Internet of Battlefield Things (IoBT) and Load Balancing Technology. , 2019, , .		4
142	Evaluation of DLX Microprocessor Instructions Efficiency for Image Compression. , 2019, , .		3
143	Lowered-Complexity Decoding Algorithms of LDPC Codes for Agricultural-WSNs.. , 2019, , .		0
144	Analysis of Mood Tags for Multimedia Content Recommendation in Social Networks. , 2019, , .		2

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145	Field Based Traffic Load Balancing for Industrial Wireless Sensor Network. , 2019, , .		0
146	Robust Image Watermarking Framework Powered by Convolutional Encoder-Decoder Network. , 2019, , .		7
147	An Overview on Industrial Internet of Things. Computer Communications and Networks, 2019, , 207-216.	0.8	5
148	Wireless Sensor Networks for Industrial Applications. Computer Communications and Networks, 2019, , 127-140.	0.8	15
149	Efficient bandwidth-aware routing for underwater cognitive acoustic sensor networks. IET Wireless Sensor Systems, 2019, 9, 77-84.	1.7	5
150	Overhead reduction scheme for SDN-based Data Center Networks. Computer Standards and Interfaces, 2019, 63, 1-15.	5.4	22
151	Locally Statistical Dual-Mode Background Subtraction Approach. IEEE Access, 2019, 7, 9769-9782.	4.2	8
152	A Novel VANETs-Based Traffic Light Scheduling Scheme for Greener Planet and Safer Road Intersections. IEEE Access, 2019, 7, 22175-22185.	4.2	16
153	Industrial Sensors and Controls in Communication Networks. Computer Communications and Networks, 2019, , .	0.8	11
154	An Overview on Wireless Sensor Networks. Computer Communications and Networks, 2019, , 101-113.	0.8	3
155	Energy-Aware Real-Time Routing for Large-Scale Industrial Internet of Things. Computer Communications and Networks, 2019, , 217-239.	0.8	1
156	Cooperative Multi-channel Access for Industrial Wireless Networks Based 802.11 Standard. Computer Communications and Networks, 2019, , 161-172.	0.8	0
157	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
158	Energy-Aware Real-Time Routing for Large-Scale Industrial Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2190-2199.	8.7	69
159	Error detection scheme of smart DDS for naval combat system. , 2018, , .		0
160	Enhanced industrial message protocol for real-time IoT platform. , 2018, , .		3
161	Spatial Diversity to Support URLLC through Unlicensed Spectrum in Industrial Wireless Network Systems. , 2018, , .		3
162	Enhanced VFDN Spectrum-Sharing Technique for Smart Platform. , 2018, , .		2

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163	Information Protection by Noise Generator for Tactical Smart Platforms. , 2018, , .		0
164	Energy-efficient Sensors in Data Centers for Industrial Internet of Things (IIoT). , 2018, , .		3
165	Enhanced Digital Audio Watermarking Using Genetic Algorithm. , 2018, , .		2
166	Real-time Power-splitting with Relay Selection Scheme for Wireless Multi-terminal DF-UWB Relay Network. , 2018, , .		2
167	A Smart TLVC-Based Traffic Light Scheduling for Preventing YLD-related Accidents in Smart City. , 2018, , .		0
168	Bio-inspired scheme for congestion control in wireless sensor networks. , 2018, , .		5
169	Efficient relay selection algorithm for cooperative routing in underwater acoustic sensor networks. , 2018, , .		3
170	Design & Implementation of Real-Time Parallel Image Processing Scheme on Fire-Control System. , 2018, , .		0
171	Non Keyword-Based Music Retrieval Using Social Tags. , 2018, , .		0
172	An Information Framework for Internet of Things Services in Physical Internet. IEEE Access, 2018, 6, 43967-43977.	4.2	46
173	On the Performance of Cooperative Transmission Schemes in Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 4007-4018.	11.3	18
174	Geographical awareness hybrid routing protocol in Mobile Ad Hoc Networks. Wireless Networks, 2017, 23, 1-13.	3.0	46
175	TDMA-based efficient cooperative relaying selection scheme in multi-hop wireless networks. Computer Standards and Interfaces, 2017, 53, 39-47.	5.4	3
176	Towards an IoT-based water quality monitoring system with brokerless pub/sub architecture. , 2017, , .		30
177	Distributed control system for ship engines using dual fieldbus. Computer Standards and Interfaces, 2017, 50, 83-91.	5.4	6
178	Enhanced SDP-dynamic bloom filters for a DDS node discovery in real-time distributed systems. , 2017, , .		5
179	Design and implementation of an automated, long-range selfie camera system using LORA. , 2017, , .		0
180	Rate Estimation-Based relay selection scheme for large-scale wireless networks. IET Communications, 2016, 10, 1501-1507.	2.2	3

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181	Collaborative transmission schemes in industrial Wireless Sensor Networks. , 2016, , .		1
182	Energy-aware routing scheme in industrial wireless sensor networks for Internet of Things systems. , 2016, , .		0
183	Efficient Forwarding Protocol for Dual-Hop Relaying Wireless Networks. Wireless Personal Communications, 2016, 89, 165-180.	2.7	8
184	Rate adaptation algorithm for multicast communication in tactical networks. , 2015, , .		1
185	Reconstruct unrecoverable data in real-time networks using BÃ©zier curve. IET Communications, 2015, 9, 596-602.	2.2	0
186	Efficient cooperative relaying selection scheme based on TDMA for military tactical multi-hop wireless networks. , 2015, , .		1
187	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
188	Effective spectrum handoff for cognitive UWB industrial networks. , 2015, , .		6
189	Interference-aware relay assignment scheme for multi-hop wireless networks. Wireless Networks, 2015, 21, 2195-2207.	3.0	2
190	Male-silkmoth-inspired routing algorithm for large-scale wireless mesh networks. Journal of Communications and Networks, 2015, 17, 384-393.	2.6	3
191	Accumulative-Load Aware Routing in Software-Defined Networks. , 2015, , .		5
192	Location Aided Zone Routing Protocol in Mobile Ad Hoc Networks. , 2015, , .		5
193	Node discovery scheme of DDS for combat management system. Computer Standards and Interfaces, 2015, 37, 20-28.	5.4	7
194	Automatic rate fallback algorithm for industrial WLANs. , 2014, , .		0
195	LIDA-ATR for object detection in Automatic Target Recognition system. , 2014, , .		0
196	Parametric curve for data reconstruction method for reliable communication. , 2014, , .		0
197	Exploiting Cooperative Relay for Reliable Communications in Underwater Acoustic Sensor Networks. , 2014, , .		11
198	Dynamic traffic-aware routing algorithm for multi-sink wireless sensor networks. Wireless Networks, 2014, 20, 1239-1250.	3.0	35

#	ARTICLE	IF	CITATIONS
199	Throughput-Aware Routing for Industrial Sensor Networks: Application to ISA100.11a. IEEE Transactions on Industrial Informatics, 2014, 10, 351-363.	11.3	63
200	An efficient throughput improvement through bandwidth awareness in cognitive radio networks. Journal of Communications and Networks, 2014, 16, 146-154.	2.6	6
201	Multiple relaying protocols for lifetime extension in two-hop wireless networks. , 2014, , .		0
202	Routing protocol over lossy links for ISA100.11a industrial wireless networks. Wireless Networks, 2014, 20, 2359-2370.	3.0	11
203	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
204	Faulty Node Detection in Distributed Systems Using BCH Code. IEEE Communications Letters, 2013, 17, 620-623.	4.1	8
205	Distributed relay assignment with interference limitation for industrial wireless networks. , 2013, , .		2
206	GRATA: gradient-based traffic-aware routing for wireless sensor networks. IET Wireless Sensor Systems, 2013, 3, 104-111.	1.7	28
207	Traffic-aware message scheduling method for ISA100.11a. , 2013, , .		3
208	Contention window allocation scheme for V2V. , 2013, , .		0
209	Rate-aware relay selection scheme for wireless networks. , 2013, , .		0
210	Lossy link-aware routing algorithm for ISA100.11a wireless networks. , 2013, , .		2
211	Distributed cooperative transmission for underwater acoustic sensor networks. , 2013, , .		13
212	Dynamic spectrum handoff for industrial cognitive wireless sensor networks. , 2013, , .		3
213	Data forwarding algorithm over lossy links in wireless sensor networks. IEICE Communications Express, 2013, 2, 453-458.	0.4	3
214	Rate-Estimation Based Relay Selection Scheme for Large-Scale Wireless Sensor Networks. , 2013, , .		1
215	Feasibility analysis of hybrid control networks based on common industrial protocol. Computer Standards and Interfaces, 2011, 33, 357-366.	5.4	13
216	Real-time scheduling method for networked discrete control systems. Control Engineering Practice, 2009, 17, 564-570.	5.5	48