

# Mikael h Gidlund

## List of Publications by Year in descending order

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Version: 2024-02-01

190  
papers

5,144  
citations

147801

31  
h-index

114465

63  
g-index

198  
all docs

198  
docs citations

198  
times ranked

4444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Industrial Internet of Things: Challenges, Opportunities, and Directions. IEEE Transactions on Industrial Informatics, 2018, 14, 4724-4734.	11.3	1,418
2	Future research challenges in wireless sensor and actuator networks targeting industrial automation. , 2011, , .		183
3	Scalability Analysis of a LoRa Network Under Imperfect Orthogonality. IEEE Transactions on Industrial Informatics, 2019, 15, 1425-1436.	11.3	153
4	PriorityMAC: A Priority-Enhanced MAC Protocol for Critical Traffic in Industrial Wireless Sensor and Actuator Networks. IEEE Transactions on Industrial Informatics, 2014, 10, 824-835.	11.3	136
5	Wireless sensor network based e-health system - implementation and experimental results. IEEE Transactions on Consumer Electronics, 2010, 56, 2288-2295.	3.6	135
6	End-to-End Reliability-Aware Scheduling for Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2016, 12, 758-767.	11.3	91
7	A Machine-Learning-Based Technique for False Data Injection Attacks Detection in Industrial IoT. IEEE Internet of Things Journal, 2020, 7, 8462-8471.	8.7	91
8	Using LoRa for industrial wireless networks. , 2017, , .		87
9	Fog Computing Enabling Industrial Internet of Things: State-of-the-Art and Research Challenges. Sensors, 2019, 19, 4807.	3.8	83
10	Security Risk Analysis of LoRaWAN and Future Directions. Future Internet, 2019, 11, 3.	3.8	83
11	Wireless Coexistence between IEEE 802.11- and IEEE 802.15.4-Based Networks: A Survey. International Journal of Distributed Sensor Networks, 2011, 7, 912152.	2.2	80
12	Formal security analysis of LoRaWAN. Computer Networks, 2019, 148, 328-339.	5.1	78
13	LoRa Beyond ALOHA: An Investigation of Alternative Random Access Protocols. IEEE Transactions on Industrial Informatics, 2021, 17, 3544-3554.	11.3	78
14	Industrial IoT in 5G-and-Beyond Networks: Vision, Architecture, and Design Trends. IEEE Transactions on Industrial Informatics, 2022, 18, 4122-4137.	11.3	77
15	Security and Privacy in the Industrial Internet of Things: Current Standards and Future Challenges. IEEE Access, 2020, 8, 152351-152366.	4.2	74
16	Time Synchronization in 5G Wireless Edge: Requirements and Solutions for Critical-MTC. IEEE Communications Magazine, 2019, 57, 45-51.	6.1	68
17	Assignment of Segmented Slots Enabling Reliable Real-Time Transmission in Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	7.9	61
18	WirArb: A New MAC Protocol for Time Critical Industrial Wireless Sensor Network Applications. IEEE Sensors Journal, 2016, 16, 2127-2139.	4.7	58

#	ARTICLE	IF	CITATIONS
19	Evaluating Bluetooth Low Energy Suitability for Time-Critical Industrial IoT Applications. International Journal of Wireless Information Networks, 2017, 24, 278-290.	2.7	58
20	Modeling of the Fading Statistics of Wireless Sensor Network Channels in Industrial Environments. IEEE Transactions on Signal Processing, 2016, 64, 3021-3034.	5.3	56
21	Long Term Channel Characterization for Energy Efficient Transmission in Industrial Environments. IEEE Transactions on Communications, 2014, 62, 3004-3014.	7.8	55
22	Exploring Multi-Hop LoRa for Green Smart Cities. IEEE Network, 2020, 34, 225-231.	6.9	53
23	Analysis of LoRaWAN v1.1 security. , 2018, , .		48
24	Efficient integration of secure and safety critical industrial wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	47
25	A Delay-Bounded MAC Protocol for Mission- and Time-Critical Applications in Industrial Wireless Sensor Networks. IEEE Sensors Journal, 2018, 18, 2607-2616.	4.7	42
26	Real-Time Interference Identification via Supervised Learning: Embedding Coexistence Awareness in IoT Devices. IEEE Access, 2019, 7, 835-850.	4.2	41
27	Industrial digital twins at the nexus of NextG wireless networks and computational intelligence: A survey. Journal of Network and Computer Applications, 2022, 200, 103309.	9.1	41
28	SAS-TDMA: a source aware scheduling algorithm for real-time communication in industrial wireless sensor networks. Wireless Networks, 2013, 19, 1155-1170.	3.0	38
29	Understanding the Performance of Bluetooth Mesh: Reliability, Delay, and Scalability Analysis. IEEE Internet of Things Journal, 2020, 7, 2089-2101.	8.7	38
30	Over-the-Air Time Synchronization for URLLC: Requirements, Challenges and Possible Enablers. , 2018, , .		37
31	DeepHealth: A Self-Attention Based Method for Instant Intelligent Predictive Maintenance in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 5461-5473.	11.3	36
32	RSSI Fingerprinting-Based Localization Using Machine Learning in LoRa Networks. IEEE Internet of Things Magazine, 2020, 3, 53-59.	2.6	36
33	Computation Offloading and Resource Allocation in MEC-Enabled Integrated Aerial-Terrestrial Vehicular Networks: A Reinforcement Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 21478-21491.	8.0	36
34	Scrutinizing Bit- and Symbol-Errors of IEEE 802.15.4 Communication in Industrial Environments. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1783-1794.	4.7	35
35	QoS-Aware Cross-Layer Configuration for Industrial Wireless Sensor Networks. IEEE Transactions on Industrial Informatics, 2016, 12, 1679-1691.	11.3	32
36	Channel Diagnostics for Wireless Sensor Networks in Harsh Industrial Environments. IEEE Sensors Journal, 2014, 14, 3983-3995.	4.7	31

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37	Coexistence of IEEE802.15.4 based networks: A survey. , 2010, , .		30
38	Energy Efficient Consecutive Packet Transmissions in Receiver-Initiated Wake-Up Radio Enabled WSNs. IEEE Sensors Journal, 2018, 18, 4733-4745.	4.7	29
39	Priority-Aware Wireless Fieldbus Protocol for Mixed-Criticality Industrial Wireless Sensor Networks. IEEE Sensors Journal, 2019, 19, 2767-2780.	4.7	29
40	Reliable and Low Latency Transmission in Industrial Wireless Sensor Networks. Procedia Computer Science, 2011, 5, 866-873.	2.0	28
41	Will 5G become yet another wireless technology for industrial automation?. , 2017, , .		28
42	Challenges when bringing IoT into industrial automation. , 2017, , .		28
43	An On-Demand Energy Requesting Scheme for Wireless Energy Harvesting Powered IoT Networks. IEEE Internet of Things Journal, 2018, 5, 2868-2879.	8.7	28
44	NOMA Enhanced Backscatter Communication for Green IoT Networks. , 2019, , .		28
45	Energy Efficiency of Slotted LoRaWAN Communication With Out-of-Band Synchronization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	28
46	Guest Editorial Industrial Wireless Networks: Applications, Challenges, and Future Directions. IEEE Transactions on Industrial Informatics, 2016, 12, 755-757.	11.3	27
47	An SVM-Based Method for Classification of External Interference in Industrial Wireless Sensor and Actuator Networks. Journal of Sensor and Actuator Networks, 2017, 6, 9.	3.9	27
48	Performance Evaluations and Measurements of the REALFLOW Routing Protocol in Wireless Industrial Networks. IEEE Transactions on Industrial Informatics, 2017, 13, 1410-1420.	11.3	26
49	Key Distribution Protocol for Industrial Internet of Things Without Implicit Certificates. IEEE Internet of Things Journal, 2019, 6, 906-917.	8.7	26
50	A Central Intrusion Detection System for RPL-Based Industrial Internet of Things. , 2019, , .		26
51	Analysis of RSSI Fingerprinting in LoRa Networks. , 2019, , .		26
52	Implementation and evaluation of error control schemes in Industrial Wireless Sensor Networks. , 2014, , .		24
53	BER Analysis of a Backscatter Communication System With Non-Orthogonal Multiple Access. IEEE Transactions on Green Communications and Networking, 2021, 5, 574-586.	5.5	24
54	Experimental e-Health Applications in Wireless Sensor Networks. , 2009, , .		23

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55	Interference Modelling in a Multi-Cell LoRa System. , 2018, , .		23
56	Challenges of Securing the Industrial Internet of Things Value Chain. , 2018, , .		23
57	Ubiquitous, Yet Deceptive: Hardware-Based Channel Metrics on Interfered WSN Links. IEEE Transactions on Vehicular Technology, 2015, 64, 1766-1778.	6.3	21
58	REALFLOW: Reliable Real-Time Flooding-Based Routing Protocol for Industrial Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 936379.	2.2	20
59	Prolonging wireless HART network lifetime using packet aggregation. , 2011, , .		19
60	Guest Editorial Special Section on New Perspectives on Wireless Communications in Automation: From Industrial Monitoring and Control to Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2017, 13, 1393-1397.	11.3	19
61	Safe-WirelessHART: A Novel Framework Enabling Safety-Critical Applications Over Industrial WSNs. IEEE Transactions on Industrial Informatics, 2018, 14, 3513-3523.	11.3	19
62	Uplink Scheduling Algorithms for QoS Support in Broadband Wireless Access Networks. Journal of Communications, 2009, 4, .	1.6	18
63	Factory 5G: A Review of Industry-Centric Features and Deployment Options. IEEE Industrial Electronics Magazine, 2022, 16, 24-34.	2.6	18
64	Scheduling Algorithms for 3GPP Long-Term Evolution Systems: From a Quality of Service Perspective. , 2008, , .		16
65	On the Association of Small Cell Base Stations with UAVs Using Unsupervised Learning. , 2019, , .		16
66	Autonomous Interference Mapping for Industrial Internet of Things Networks Over Unlicensed Bands: Identifying Cross-Technology Interference. IEEE Industrial Electronics Magazine, 2021, 15, 67-78.	2.6	16
67	VoIP and IPTV distribution over wireless mesh networks in indoor environment. IEEE Transactions on Consumer Electronics, 2008, 54, 1665-1671.	3.6	15
68	Measurements on an industrial wireless HART network supporting PROFIsafe: A case study. , 2011, , .		15
69	Energy-Reliability Aware Link Optimization for Battery-Powered IoT Devices With Nonideal Power Amplifiers. IEEE Internet of Things Journal, 2019, 6, 5058-5067.	8.7	15
70	Deterministic downlink transmission in WirelessHART networks enabling wireless control applications. , 2010, , .		14
71	CCA-Embedded TDMA enabling acyclic traffic in industrial wireless sensor networks. Ad Hoc Networks, 2013, 11, 1105-1121.	5.5	14
72	A Reliable Handoff Mechanism for Mobile Industrial Wireless Sensor Networks. Sensors, 2017, 17, 1797.	3.8	14

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73	Guest Editorial From Industrial Wireless Sensor Networks to Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2018, 14, 2194-2198.	11.3	14
74	Edge Intelligence in Softwarized 6G: Deep Learning-enabled Network Traffic Predictions. , 2021, , .		14
75	Integration of WirelessHART networks in Distributed Control Systems using PROFINET IO. , 2010, , .		13
76	A flexible error correction scheme for IEEE 802.15.4-based industrial Wireless Sensor Networks. , 2012, , .		13
77	Adaptive forward error correction for best effort Wireless Sensor Networks. , 2012, , .		13
78	Elastic O-RAN Slicing for Industrial Monitoring and Control: A Distributed Matching Game and Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2022, 71, 10808-10822.	6.3	13
79	Reliable RSS-based routing protocol for Industrial Wireless Sensor Networks. , 2012, , .		11
80	CarNet: A Dual Correlation Method for Health Perception of Rotating Machinery. IEEE Sensors Journal, 2019, 19, 7095-7106.	4.7	11
81	A trust management scheme for industrial wireless sensor networks. , 2013, , .		10
82	Characterization of long term channel variations in industrial wireless sensor networks. , 2014, , .		10
83	Modelling and Analysis of Wi-Fi and LAA Coexistence with Priority Classes. , 2018, , .		10
84	Survey of Proximity Based Authentication Mechanisms for the Industrial Internet of Things. , 2018, , .		10
85	Guest Editorial: Security, Privacy, and Trust for Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 625-628.	11.3	10
86	An Experimental Study on Home-Wireless Passive Positioning. , 2008, , .		9
87	Low jitter scheduling for Industrial Wireless Sensor and Actuator Networks. , 2013, , .		9
88	An analytical model of the effective delay performance for Bluetooth low energy. , 2016, , .		9
89	Lightweight Group-Key Establishment Protocol for IoT Devices: Implementation and Performance Analyses. , 2018, , .		9
90	An Efficient Retransmission Scheme for Reliable End-to-End Wireless Communication Over WSAWs. IEEE Access, 2018, 6, 49838-49849.	4.2	9

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91	Initial Key Distribution for Industrial Wireless Sensor Networks. , 2013, , .		8
92	Noise Power Estimators in ISM Radio Environments: Performance Comparison and Enhancement Using a Novel Samples Separation Technique. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 105-115.	4.7	8
93	REA-6TiSCH: Reliable Emergency-Aware Communication Scheme for 6TiSCH Networks. IEEE Internet of Things Journal, 2021, 8, 1871-1882.	8.7	8
94	Synchronous LoRa Communication by Exploiting Large-Area Out-of-Band Synchronization. IEEE Internet of Things Journal, 2021, 8, 7912-7924.	8.7	8
95	On Hybrid ARQ adaptive Forward Error Correction in wireless sensor networks. , 2011, , .		7
96	An RTOS-based architecture for industrial wireless sensor network stacks with multi-processor support. , 2013, , .		7
97	Traffic condition monitoring using weighted kernel density for intelligent transportation. , 2015, , .		7
98	Challenges for the use of data aggregation in industrial Wireless Sensor Networks. , 2015, , .		7
99	Hybrid MAC mechanism for energy efficient communication in IEEE 802.11ah. , 2017, , .		7
100	Lightweight IoT Group Key Establishment Scheme Using One-way Accumulator. , 2018, , .		7
101	Lightweight IoT Group Key Establishment Scheme From the One Time Pad. , 2019, , .		7
102	Relay Node Selection in Bluetooth Mesh Networks. , 2020, , .		7
103	Impact of Indoor Multipath Channels on Timing Advance for URLLC in Industrial IoT. , 2020, , .		7
104	Improving Power Stability of Energy Harvesting Devices With Edge Computing-Assisted Time Fair Energy Allocation. IEEE Transactions on Green Communications and Networking, 2021, 5, 540-551.	5.5	7
105	Combined Packet Retransmission Diversity and Power Adjustment Scheme for High Speed Wireless Networks. Journal of Communications, 2008, 3, .	1.6	7
106	Design and implementation of a WirelessHART simulator for process control. , 2010, , .		6
107	Reliable flooding-based downlink transmissions for Industrial Wireless Sensor and Actuator Networks. , 2013, , .		6
108	Deterministic and event triggered MAC protocol for industrial wireless networks. , 2013, , .		6

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109	CLAP: Chip-Level Augmentation of IEEE 802.15.4 PHY for Error-Intolerant WSN Communication. , 2015, , .		6
110	Cross-layer optimization of wireless links under reliability and energy constraints. , 2018, , .		6
111	RMA-RP: A Reliable Mobility-Aware Routing Protocol for Industrial IoT Networks. , 2019, , .		6
112	Joint Power and Blocklength Allocation for Energy-Efficient Ultra- Reliable and Low- Latency Communications. , 2021, , .		6
113	Adding Redundancy to LoRaWAN for Emergency Communications at the Factory Floor. IEEE Transactions on Industrial Informatics, 2022, 18, 7332-7340.	11.3	6
114	Guest Editorial: Industrial IoT and Sensor Networks in 5G-and-Beyond Wireless Communication. IEEE Transactions on Industrial Informatics, 2022, 18, 4118-4121.	11.3	6
115	Performance of Triple Play Services in Wireless Meshed Networks. , 2007, , .		5
116	Channel coding and interleaving in Industrial WSN: abiding to timing constraints and bit error nature. , 2013, , .		5
117	LPED: Channel diagnostics in WSN through channel coding and symbol error statistics. , 2014, , .		5
118	PREED: Packet REcovery by Exploiting the Determinism in Industrial WSN Communication. , 2015, , .		5
119	PR-CCA MAC: A Prioritized Random CCA MAC Protocol for Mission-Critical IoT Applications. , 2018, , .		5
120	AESGRU: An Attention-Based Temporal Correlation Approach for End-to-End Machine Health Perception. IEEE Access, 2019, 7, 141487-141497.	4.2	5
121	Dynamic User Authentication Protocol for Industrial IoT without Timestamping. , 2019, , .		5
122	Preserving Location Privacy in Cyber-Physical Systems. , 2019, , .		5
123	Control-Data Separation Architecture for Dual-Band mmWave Networks: A New Dimension to Spectrum Management. IEEE Access, 2019, 7, 34925-34937.	4.2	5
124	Machine Learning-Aided Classification Of LoS/NLoS Radio Links In Industrial IoT. , 2020, , .		5
125	On TOA-based Ranging over mmWave 5G for Indoor Industrial IoT Networks. , 2020, , .		5
126	Q2A-NOMA: A Q-Learning-Based QoS-Aware NOMA System Design for Diverse Data Rate Requirements. IEEE Transactions on Industrial Informatics, 2022, 18, 7549-7559.	11.3	5



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127	Analysis of Beyond 5G Integrated Communication and Ranging Services Under Indoor 3-D mmWave Stochastic Channels. IEEE Transactions on Industrial Informatics, 2022, 18, 7128-7138.	11.3	5
128	Performance of Combined Constellation Rearrangement and Space-Time Block Coding Scheme for Multi-Level Modulation. , 2007, , .		4
129	Performance of Combined Constellation Rearrangement and Space-Time Block Coding Scheme for Multi-Level Modulation. , 2007, , .		4
130	A lightweight routing protocol for Industrial Wireless Sensor and Actuator Networks. , 2011, , .		4
131	Towards reliable and lightweight communication in industrial wireless sensor networks. , 2012, , .		4
132	Joint routing and MAC for critical traffic in Industrial Wireless Sensor and Actuator Networks. , 2013, , .		4
133	A solution for industrial device commissioning along with the initial trust establishment. , 2013, , .		4
134	Energy Harvesting Powered Packet Transmissions in Duty-Cycled WSNs: A DTMC Analysis. , 2017, , .		4
135	Wireless Mediation of Multiple Equi-Priority Events in Time-Critical Industrial Applications. , 2018, , .		4
136	Onboard Spectral Analysis for Low-Complexity IoT Devices. IEEE Access, 2020, 8, 43027-43045.	4.2	4
137	Congestion Control and Traffic Differentiation for Heterogeneous 6TiSCH Networks in IIoT. Sensors, 2020, 20, 3508.	3.8	4
138	How SIC-enabled LoRa Fares under Imperfect Orthogonality?. , 2021, , .		4
139	Safe and secure wireless networked control systems. , 2012, , .		3
140	QoS assessment for mission-critical Wireless Sensor Network applications. , 2013, , .		3
141	Demonstration abstract: Applying industrial wireless sensor networks to welder machine system. , 2014, , .		3
142	Realization and measurements of industrial wireless sensor and actuator networks. , 2015, , .		3
143	Towards security assurance for heterogeneous industrial networks. , 2015, , .		3
144	Detecting communication blackout in industrial Wireless Sensor Networks. , 2016, , .		3

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145	Future research challenges of secure heterogeneous industrial communication networks. , 2016, , .		3
146	Multiple Packet Transmissions in Duty Cycling WSNs: A DTMC-Based Throughput Analysis. IEEE Wireless Communications Letters, 2018, 7, 480-483.	5.0	3
147	Priority-Oriented Packet Transmissions in Internet of Things: Modeling and Delay Analysis. , 2018, , .		3
148	DeP-D: A Decentralized Primal-Dual Optimization Algorithm for Industrial Wireless Sensor Networks. , 2019, , .		3
149	Congestion Detection and Control for 6TiSCH Networks in IIoT Applications. , 2020, , .		3
150	A Blind Signal Samples Detection Algorithm for Accurate Primary User Traffic Estimation. Sensors, 2020, 20, 4136.	3.8	3
151	Enhancing Backscatter Communication in IoT Networks with Power-Domain NOMA. Internet of Things, 2021, , 81-101.	1.7	3
152	Latency Improvement Strategies for Reliability-Aware Scheduling in Industrial Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-10.	2.2	3
153	Location Privacy Assured Internet of Things. , 2019, , .		3
154	A Sub-optimal Eigenvalue-Based Adaptive Modulation Scheme for Broadband MIMO-OFDM Systems. , 2008, , .		2
155	Scheduling Performance of Heavy-Tailed Data Traffic in Wireless High-Speed Shared Channels. , 2009, , .		2
156	Evaluation of WirelessHART enabled devices in a controlled simulation environment. , 2011, , .		2
157	Issues of routing protocol for Wireless Industrial Sensor Networks. , 2012, , .		2
158	Reliable real-time routing protocol for industrial wireless sensor and actuator networks. , 2013, , .		2
159	Power consumption for global information dissemination in the Internet of Things. , 2015, , .		2
160	Renewal-theoretic packet collision modeling under long-tailed heterogeneous traffic. , 2017, , .		2
161	Wireless Mediation for Multi-Hop Networks in Time Critical Industrial Applications. , 2018, , .		2
162	Efficient Resource Scheduling for Multipath Retransmission over Industrial WSN Systems. Sensors, 2019, 19, 3927.	3.8	2

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163	Multiple Access-Enabled Relaying with Piece-Wise and Forward NOMA: Rate Optimization under Reliability Constraints. <i>Sensors</i> , 2021, 21, 4783.	3.8	2
164	POSTER: An Approach to Assess Security, Capacity and Reachability for Heterogeneous Industrial Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2015, , 577-580.	0.3	2
165	OTP-Based Symmetric Group Key Establishment Scheme for IoT Networks. , 2021, , .		2
166	Quantum-Safe Group Key Establishment Protocol from Lattice Trapdoors. <i>Sensors</i> , 2022, 22, 4148.	3.8	2
167	On WiMAX Performance with Multiple Antenna Transmission. , 2007, , .		1
168	Design of uplink schedulers for broadband wireless access networks. , 2009, , .		1
169	Performance of cooperative relaying with ARQ in wireless sensor networks. , 2009, , .		1
170	Distributed data gathering scheduling protocol for wireless sensor actor and actuator networks. , 2012, , .		1
171	Deterministic medium access mechanism for time-critical wireless sensor network applications. , 2013, , .		1
172	Symbol Mapping Diversity and Power Adjustment for High Speed Downlink Packet Access (HSDPA). , 2007, , .		0
173	Enabling fast OFDM-based wireless networks with combined transmit diversity and multi-level modulation. , 2008, , .		0
174	Performance of opportunistic scheduling schemes for MIMO-OFDM wireless LANs. , 2008, , .		0
175	Performance of Soft Decision Metrics and Diversity Combining with Imperfect Channel Estimation. , 2008, , .		0
176	Impact of Doppler spread and adaptive modulation on TCP throughput in Rayleigh fading channels. <i>AEU - International Journal of Electronics and Communications</i> , 2010, 64, 1082-1089.	2.9	0
177	Framework for opportunistic routing in wireless sensor networks with application to multiple antennas in fading environments. , 2010, , .		0
178	Performance analysis on a new MAC DT-CSMA. , 2011, , .		0
179	Comparison between Single Mesh Network and Cell Based Mesh Network. , 2012, , .		0
180	Reusability assessment of financial card readers' security mechanisms in process control devices. , 2013, , .		0

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181	Smart and Cooperative Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 789352.	2.2	0
182	Medium access protocol design for time-critical applications in wireless sensor networks. , 2014, , .		0
183	Applicability of LTE Public Key Infrastructure Based Device Authentication in Industrial Plants. , 2015, , .		0
184	Towards trustworthiness assessment of industrial heterogeneous networks. , 2015, , .		0
185	Balancing network performance and network security in a smart grid application. , 2016, , .		0
186	Handling event-triggered traffic of safety and closed-loop control systems in WSANs. , 2016, , .		0
187	Modeling of Enhanced Distributed Channel Access with Station Grouping: A Throughput Analysis. , 2018, , .		0
188	HyS-R: A Hybrid Subscription-Recovery Method for Downlink Connectivity in 6TiSCH Networks. , 2020, , .		0
189	Performance of UWB communication based on dynamic bandwidth direct sequence. , 2010, , .		0
190	A Preliminary Prototype Based on Biological Mimicry for Hardware Data Acquisition. , 2021, , .		0