

# Gerhard Hancke

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

196  
papers

9,763  
citations

44  
h-index

97  
g-index

222  
ext. papers

12,206  
ext. citations

5.3  
avg. IF

7.07  
L-index

#	Paper	IF	Citations
196	Smart Grid Technologies: Communication Technologies and Standards. <i>IEEE Transactions on Industrial Informatics</i> , <b>2011</b> , 7, 529-539	11.9	1569
195	Industrial Wireless Sensor Networks: Challenges, Design Principles, and Technical Approaches. <i>IEEE Transactions on Industrial Electronics</i> , <b>2009</b> , 56, 4258-4265	8.9	964
194	Opportunities and Challenges of Wireless Sensor Networks in Smart Grid. <i>IEEE Transactions on Industrial Electronics</i> , <b>2010</b> , 57, 3557-3564	8.9	813
193	A Survey on Smart Grid Potential Applications and Communication Requirements. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 28-42	11.9	724
192	A Survey on 5G Networks for the Internet of Things: Communication Technologies and Challenges. <i>IEEE Access</i> , <b>2018</b> , 6, 3619-3647	3.5	603
191	The role of advanced sensing in smart cities. <i>Sensors</i> , <b>2012</b> , 13, 393-425	3.8	335
190	A Survey on Software-Defined Wireless Sensor Networks: Challenges and Design Requirements. <i>IEEE Access</i> , <b>2017</b> , 5, 1872-1899	3.5	254
189	Introduction to Industrial Control Networks. <i>IEEE Communications Surveys and Tutorials</i> , <b>2013</b> , 15, 860-889	9.1	247
188	An RFID Distance Bounding Protocol		176
187	A Survey on Urban Traffic Management System Using Wireless Sensor Networks. <i>Sensors</i> , <b>2016</b> , 16, 157	3.8	160
186	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 135-143	11.9	149
185	Smart Grid and Smart Homes: Key Players and Pilot Projects. <i>IEEE Industrial Electronics Magazine</i> , <b>2012</b> , 6, 18-34	6.2	127
184	Software Defined Networking for Improved Wireless Sensor Network Management: A Survey. <i>Sensors</i> , <b>2017</b> , 17,	3.8	116
183	From Industry 4.0 to Agriculture 4.0: Current Status, Enabling Technologies, and Research Challenges. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4322-4334	11.9	104
182	Using Cognitive Radio for Interference-Resistant Industrial Wireless Sensor Networks: An Overview. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 1466-1481	11.9	101
181	Security of Distance-Bounding. <i>ACM Computing Surveys</i> , <b>2019</b> , 51, 1-33	13.4	101
180	A Zigbee-Based Animal Health Monitoring System. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 610-617	4	94

179	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 1099-1110	11.9	89
178	IR-UWB-Based Non-Line-of-Sight Identification in Harsh Environments: Principles and Challenges. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1188-1195	11.9	87
177	Environmental Monitoring Systems: A Review. <i>IEEE Sensors Journal</i> , <b>2013</b> , 13, 1329-1339	4	86
176	Practical NFC Peer-to-Peer Relay Attack Using Mobile Phones. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 35-49	0.9	74
175	An Energy-Balanced Heuristic for Mobile Sink Scheduling in Hybrid WSNs. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 28-40	11.9	70
174	Pose Estimation of a Mobile Robot Based on Fusion of IMU Data and Vision Data Using an Extended Kalman Filter. <i>Sensors</i> , <b>2017</b> , 17,	3.8	68
173	So Near and Yet So Far: Distance-Bounding Attacks in Wireless Networks. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 83-97	0.9	67
172	Confidence in smart token proximity: Relay attacks revisited. <i>Computers and Security</i> , <b>2009</b> , 28, 615-627	4.9	65
171	An Energy-Efficient Smart Comfort Sensing System Based on the IEEE 1451 Standard for Green Buildings. <i>IEEE Sensors Journal</i> , <b>2014</b> , 14, 4245-4252	4	62
170	IoT in the Wake of COVID-19: A Survey on Contributions, Challenges and Evolution. <i>IEEE Access</i> , <b>2020</b> , 8, 186821-186839	3.5	62
169	Denial of Service Defence for Resource Availability in Wireless Sensor Networks. <i>IEEE Access</i> , <b>2018</b> , 6, 6975-7004	3.5	61
168	The Generic Design of a High-Traffic Advanced Metering Infrastructure Using ZigBee. <i>IEEE Transactions on Industrial Informatics</i> , <b>2014</b> , 10, 836-844	11.9	60
167	Air Quality Monitoring System Based on ISO/IEC/IEEE 21451 Standards. <i>IEEE Sensors Journal</i> , <b>2016</b> , 16, 5037-5045	4	59
166	Energy Efficient Environment Monitoring System Based on the IEEE 802.15.4 Standard for Low Cost Requirements. <i>IEEE Sensors Journal</i> , <b>2014</b> , 14, 2557-2566	4	58
165	A Review on Challenges of Autonomous Mobile Robot and Sensor Fusion Methods. <i>IEEE Access</i> , <b>2020</b> , 8, 39830-39846	3.5	57
164	Unimodal and Multimodal Biometric Sensing Systems: A Review. <i>IEEE Access</i> , <b>2016</b> , 4, 7532-7555	3.5	57
163	A Survey of Anomaly Detection in Industrial Wireless Sensor Networks with Critical Water System Infrastructure as a Case Study. <i>Sensors</i> , <b>2018</b> , 18,	3.8	56
162	Practical attacks on proximity identification systems <b>2006</b> ,		54

161	Traffic Management for Emergency Vehicle Priority Based on Visual Sensing. <i>Sensors</i> , <b>2016</b> , 16,	3.8	51
160	Open hardware: a role to play in wireless sensor networks?. <i>Sensors</i> , <b>2015</b> , 15, 6818-44	3.8	49
159	Dynamic Connectivity in Wireless Underground Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 4334-4344	9.6	49
158	<b>2014</b> ,		47
157	Industrial Cyberphysical Systems: Realizing Cloud-Based Big Data Infrastructures. <i>IEEE Industrial Electronics Magazine</i> , <b>2018</b> , 12, 25-35	6.2	46
156	Implementing the Internet of Things vision in industrial wireless sensor networks <b>2014</b> ,		46
155	Attacks on time-of-flight distance bounding channels <b>2008</b> ,		45
154	A Statistical Approach to Detect Jamming Attacks in Wireless Sensor Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	44
153	Distance Bounding: A Practical Security Solution for Real-Time Location Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 16-27	11.9	44
152	Attacking smart card systems: Theory and practice. <i>Information Security Technical Report</i> , <b>2009</b> , 14, 46-56		43
151	Localised information fusion techniques for location discovery in wireless sensor networks. <i>International Journal of Sensor Networks</i> , <b>2018</b> , 26, 12	0.8	37
150	NFC Mobile Transactions and Authentication Based on GSM Network <b>2010</b> ,		36
149	Design of a secure distance-bounding channel for RFID. <i>Journal of Network and Computer Applications</i> , <b>2011</b> , 34, 877-887	7.9	36
148	A Survey on Adaptive Data Rate Optimization in LoRaWAN: Recent Solutions and Major Challenges. <i>Sensors</i> , <b>2020</b> , 20,	3.8	36
147	The Fall of One, the Rise of Many: A Survey on Multi-Biometric Fusion Methods. <i>IEEE Access</i> , <b>2017</b> , 5, 6247-6289	3.5	34
146	Security in software-defined wireless sensor networks: Threats, challenges and potential solutions <b>2017</b> ,		33
145	Security and Privacy for the Industrial Internet of Things: An Overview of Approaches to Safeguarding Endpoints. <i>IEEE Signal Processing Magazine</i> , <b>2018</b> , 35, 76-87	9.4	33
144	An efficient distributed localisation algorithm for wireless sensor networks: based on smart reference-selection method. <i>International Journal of Sensor Networks</i> , <b>2013</b> , 13, 94	0.8	32

143	Practical eavesdropping and skimming attacks on high-frequency RFID tokens. <i>Journal of Computer Security</i> , <b>2011</b> , 19, 259-288	0.8	32
142	Distance-bounding for RFID: Effectiveness of Terrorist fraud in the presence of bit errors <b>2012</b> ,		32
141	Machine-to-Machine: Possible applications in industrial networks <b>2013</b> ,		31
140	A Survey on LPWAN Technologies in WBAN for Remote Health-Care Monitoring. <i>Sensors</i> , <b>2019</b> , 19,	3.8	31
139	Actor coordination using info-gap decision theory in wireless sensor and actor networks. <i>International Journal of Sensor Networks</i> , <b>2011</b> , 10, 177	0.8	30
138	Current Status of the IEEE 1451 Standard-Based Sensor Applications. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 2504-2513	2.9	29
137	Fragmentation-Based Distributed Control System for Software-Defined Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 901-910	11.9	29
136	ns-2 extension to simulate localization system in wireless sensor networks <b>2011</b> ,		28
135	. <i>IEEE Access</i> , <b>2017</b> , 5, 6661-6667	3.5	26
134	. <i>IEEE Access</i> , <b>2018</b> , 6, 9303-9323	3.5	26
133	A survey of cognitive radio handoff schemes, challenges and issues for industrial wireless sensor networks (CR-IWSN). <i>Journal of Network and Computer Applications</i> , <b>2017</b> , 97, 140-156	7.9	26
132	Using 3G network components to enable NFC mobile transactions and authentication <b>2010</b> ,		26
131	Attack detection in water distribution systems using machine learning. <i>Human-centric Computing and Information Sciences</i> , <b>2019</b> , 9,	5.4	25
130	A Generic NFC-enabled Measurement System for Remote Monitoring and Control of Client-side Equipment <b>2011</b> ,		25
129	Evaluating ALWadHA for providing secure localisation for wireless sensor networks <b>2013</b> ,		22
128	<b>2017</b> ,		21
127	Using NFC-enabled phones for remote data acquisition and digital control <b>2011</b> ,		20
126	Security and Privacy in the Industrial Internet of Things: Current Standards and Future Challenges. <i>IEEE Access</i> , <b>2020</b> , 8, 152351-152366	3.5	20

125	A 2-D Acoustic Source Localization System for Drones in Search and Rescue Missions. <i>IEEE Sensors Journal</i> , <b>2019</b> , 19, 332-341	4	20
124	Guest Editorial Special Section on Industrial Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2014</b> , 10, 762-765	11.9	19
123	Improving Face Recognition Systems Using a New Image Enhancement Technique, Hybrid Features and the Convolutional Neural Network. <i>IEEE Access</i> , <b>2018</b> , 6, 75181-75191	3.5	19
122	Deformable Object Tracking With Gated Fusion. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> , 28, 3766-3777	11.7	18
121	A review on face recognition systems: recent approaches and challenges. <i>Multimedia Tools and Applications</i> , <b>2020</b> , 79, 27891-27922	2.5	18
120	Overlay Virtualized Wireless Sensor Networks for Application in Industrial Internet of Things: A Review. <i>Sensors</i> , <b>2018</b> , 18,	3.8	18
119	Potential misuse of NFC enabled mobile phones with embedded security elements as contactless attack platforms <b>2009</b> ,		16
118	Ranging Error Mitigation for Through-the-Wall Non-Line-of-Sight Conditions. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 6903-6911	11.9	15
117	. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 6761-6774	4	15
116	An Effective Spectrum Handoff Based on Reinforcement Learning for Target Channel Selection in the Industrial Internet of Things. <i>Sensors</i> , <b>2019</b> , 19,	3.8	14
115	Efficient controller placement and reelection mechanism in distributed control system for software defined wireless sensor networks. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2019</b> , 30, e3588	1.9	14
114	Guest Editorial Special Section on Information Technologies in Smart Grids. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 1380-1383	11.9	14
113	Cognitive Radio in Low Power Wide Area Network for IoT Applications: Recent Approaches, Benefits and Challenges. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 7489-7498	11.9	14
112	Fast Convergence Cooperative Dynamic Spectrum Access for Cognitive Radio Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 3386-3394	11.9	14
111	A Practical Generic Relay Attack on Contactless Transactions by Using NFC Mobile Phones <b>2013</b> , 2, 92-106		13
110	. <i>IEEE Transactions on Mobile Computing</i> , <b>2018</b> , 17, 1723-1736	4.6	13
109	Evaluating the Implications of Varying Bluetooth Low Energy (BLE) Transmission Power Levels on Wireless Indoor Localization Accuracy and Precision. <i>Sensors</i> , <b>2019</b> , 19,	3.8	12
108	On the security issues of NFC enabled mobile phones. <i>International Journal of Internet Technology and Secured Transactions</i> , <b>2010</b> , 2, 336	0.6	12

107	Localised Information Fusion Techniques for Location Discovery in Wireless Sensor Networks. <i>International Journal of Sensor Networks</i> , <b>2017</b> , 1, 1	0.8	12
106	Artificial Intelligence Techniques for Cognitive Sensing in Future IoT: State-of-the-Art, Potentials, and Challenges. <i>Journal of Sensor and Actuator Networks</i> , <b>2020</b> , 9, 21	3.8	11
105	Cache-Aware Query Optimization in Multiapplication Sharing Wireless Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 401-417	7.3	11
104	A Web-Based Office Climate Control System Using Wireless Sensors. <i>IEEE Sensors Journal</i> , <b>2016</b> , 16, 6104-6113	4.11	11
103	Automatic fine-grained access control in SCADA by machine learning. <i>Future Generation Computer Systems</i> , <b>2019</b> , 93, 548-559	7.5	11
102	Towards achieving efficient MAC protocols for WBAN-enabled IoT technology: a review. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2021</b> , 2021,	3.2	11
101	Wearable security: Key derivation for Body Area sensor Networks based on host movement <b>2016</b> ,		10
100	Transport ticketing security and fraud controls. <i>Information Security Technical Report</i> , <b>2009</b> , 14, 87-95		10
99	A Session Hijacking Attack Against a Device-Assisted Physical-Layer Key Agreement. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 691-702	11.9	10
98	Autonomous Interference Mapping for Industrial Internet of Things Networks Over Unlicensed Bands: Identifying Cross-Technology Interference. <i>IEEE Industrial Electronics Magazine</i> , <b>2021</b> , 15, 67-78	6.2	10
97	HB+DB: Distance bounding meets human based authentication. <i>Future Generation Computer Systems</i> , <b>2018</b> , 80, 627-639	7.5	9
96	Cryptography Methods for Software-Defined Wireless Sensor Networks <b>2018</b> ,		9
95	Using Distance-Bounding Protocols to Securely Verify the Proximity of Two-Hop Neighbours. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1173-1176	3.8	9
94	Evaluating and optimising accelerometer-based gesture recognition techniques for mobile devices <b>2009</b> ,		9
93	Tangible security: Survey of methods supporting secure ad-hoc connects of edge devices with physical context. <i>Computers and Security</i> , <b>2018</b> , 78, 281-300	4.9	9
92	Positioning infrastructure for industrial automation systems based on UWB wireless communication <b>2014</b> ,		8
91	CACC: Context-aware congestion control approach for lightweight CoAP/UDP-based Internet of Things traffic. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2020</b> , 31, e3822	1.9	8
90	SDNMM: A Generic SDN-Based Modular Management System for Wireless Sensor Networks. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 2347-2357	4.3	8

89	Low Power Wide Area Network, Cognitive Radio and the Internet of Things: Potentials for Integration. <i>Sensors</i> , <b>2020</b> , 20,	3.8	7
88	Practical limitation of co-operative RFID jamming methods in environments without accurate signal synchronization. <i>Computer Networks</i> , <b>2016</b> , 105, 224-236	5.4	7
87	Industrial wireless sensor networks: A selection of challenging applications <b>2012</b> ,		7
86	Survey of Proximity Based Authentication Mechanisms for the Industrial Internet of Things <b>2018</b> ,		7
85	Analysis of Bluetooth Low Energy (BLE) Based Indoor Localization System with Multiple Transmission Power Levels <b>2018</b> ,		7
84	A session hijacking attack on physical layer key generation agreement <b>2017</b> ,		6
83	Energy consumption audit system for smart building <b>2014</b> ,		6
82	A Security Framework Model with Communication Protocol Translator Interface for Enhancing NFC Transactions <b>2010</b> ,		6
81	Energy-Aware Hybrid MAC Protocol for IoT Enabled WBAN Systems. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	6
80	Review of state-of-the-art wireless technologies and applications in smart cities <b>2017</b> ,		5
79	DTLS for Lightweight Secure Data Streaming in the Internet of Things <b>2014</b> ,		5
78	Modelling a Wireless Sensor Network as a Small World Network <b>2009</b> ,		5
77	An XML Model for Use Across Heterogeneous ClientServer Applications. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2008</b> , 57, 2128-2135	5.2	5
76	Physical Security and Safety of IoT Equipment: A Survey of Recent Advances and Opportunities. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	5
75	Towards non-line-of-sight ranging error mitigation in industrial wireless sensor networks <b>2016</b> ,		5
74	Behavioral Acoustic Emanations: Attack and Verification of PIN Entry Using Keypress Sounds. <i>Sensors</i> , <b>2020</b> , 20,	3.8	4
73	A Review of Artificial Intelligence Based Intrusion Detection for Software-Defined Wireless Sensor Networks <b>2019</b> ,		4
72	On link quality aware routing for industrial wireless sensor networks <b>2013</b> ,		4



71	Behavioural sensor data as randomness source for IoT devices <b>2017</b> ,		4
70	Improving northbound interface communication in SDWSN <b>2017</b> ,		4
69	User-Centric Key Entropy: Study of Biometric Key Derivation Subject to Spoofing Attacks. <i>Entropy</i> , <b>2017</b> , 19, 70	2.8	4
68	Development of a robust active infrared-based eye tracker. <i>IET Computer Vision</i> , <b>2014</b> , 8, 523-534	1.4	4
67	A location based security framework for authenticating mobile phones <b>2010</b> ,		4
66	Modulating a noisy carrier signal for eavesdropping-resistant HF RFID. <i>Elektrotechnik Und Informationstechnik</i> , <b>2007</b> , 124, 404-408	0.4	4
65	Energy Efficient Scalable Video Multicast in Wireless Ad-hoc NETWORKS <b>2016</b> ,		4
64	Developing a Secure, Smart Microgrid Energy Market using Distributed Ledger Technologies <b>2019</b> ,		4
63	Energy-Efficient Distance-Bounding with Residual Charge Computation. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2020</b> , 8, 365-376	4.1	4
62	Preventing Overshadowing Attacks in Self-Jamming Audio Channels. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 45-57	3.9	4
61	An Ultrasonic Indoor Positioning System for Harsh Environments <b>2018</b> ,		4
60	Programmable Node in Software-Defined Wireless Sensor Networks: A Review <b>2018</b> ,		4
59	RFID and Contactless Technology <b>2008</b> , 295-322		4
58	A delay-aware spectrum handoff scheme for prioritized time-critical industrial applications with channel selection strategy. <i>Computer Communications</i> , <b>2019</b> , 144, 112-123	5.1	3
57	Enhanced centroid localization of wireless sensor nodes using linear and neighbor weighting mechanisms <b>2015</b> ,		3
56	Cognitiva [A cognitive industrial wireless network protocol: Protocol design and testbed implementation <b>2016</b> ,		3
55	Sleep scheduling for critical nodes in group-based industrial wireless sensor networks <b>2017</b> ,		3
54	Energy utilization concerned sleep scheduling in Wireless Powered Communication Networks <b>2017</b> ,		3

53	Behavioural Intrusion Detection in Water Distribution Systems Using Neural Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 190403-190416	3.5	3
52	Privacy-Preserving Group Authentication for RFID Tags Using Bit-Collision Patterns. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 11607-11620	10.7	3
51	Exploring Control-Message Quenching in SDN-based Management of 6LoWPANs <b>2019</b> ,		3
50	SMPKR: Search Engine for Internet of Things. <i>IEEE Access</i> , <b>2019</b> , 7, 163615-163625	3.5	3
49	A Provenance-Aware Distributed Trust Model for Resilient Unmanned Aerial Vehicle Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 12481-12489	10.7	3
48	Problem of Wireless Fingerprint Duplication in Fingerprinting Based Indoor Localization <b>2018</b> ,		3
47	HB+DB, mitigating man-in-the-middle attacks against HB+ with distance bounding <b>2015</b> ,		2
46	Exploring relationship between indistinguishability-based and unpredictability-based RFID privacy models. <i>Future Generation Computer Systems</i> , <b>2018</b> , 82, 315-326	7.5	2
45	Public key cryptography: Feasible for security in modern personal area sensor networks? <b>2016</b> ,		2
44	A Comparison of Data Aggregation Techniques in Software-Defined Wireless Sensor Network <b>2019</b> ,		2
43	Security Implications of Implementing Multistate Distance-Bounding Protocols <b>2019</b> ,		2
42	Design of a controller for a universal input/output port <b>2012</b> ,		2
41	Comparing wireless sensor network routing protocols <b>2007</b> ,		2
40	RFID and Contactless Technology <b>2017</b> , 351-385		2
39	How to Demonstrate Our Presence Without Disclosing Identity? Evidence from a Grouping-Proof Protocol. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 423-435	0.9	2
38	A cuckoo search optimization-based forward consecutive mean excision model for threshold adaptation in cognitive radio. <i>Soft Computing</i> , <b>2020</b> , 24, 9683-9704	3.5	2
37	AACS: Attribute-Based Access Control Mechanism for Smart Locks. <i>Symmetry</i> , <b>2020</b> , 12, 1050	2.7	2
36	Smart Microgrid Energy Market: Evaluating Distributed Ledger Technologies for Remote and Constrained Microgrid Deployments. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 714	2.6	2

35	Guest Editorial Healthcare Systems and Technologies. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 2266-2268	11.9	2
34	Wearable device localisation using machine learning techniques <b>2016</b> ,		2
33	Practical Comparison between COAP and MQTT - Sensor to Server level <b>2018</b> ,		2
32	When Innovation Meets Evolution: An Extensive Study of Emerging e-Learning Technologies for Higher Education in Hong Kong. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 574-584	0.9	1
31	Energy efficient irrigation scheduling system based on the ISO/IEC/IEEE 21451 standards <b>2017</b> ,		1
30	Data Aggregation in Software-Defined Wireless Sensor Networks: A Review <b>2019</b> ,		1
29	Enabling a Battery-Less Sensor Node Using Dedicated Radio Frequency Energy Harvesting for Complete Off-Grid Applications. <i>Energies</i> , <b>2020</b> , 13, 5402	3.1	1
28	Indoor Localization using Wireless Fidelity (WiFi) and Bluetooth Low Energy (BLE) signals <b>2019</b> ,		1
27	A Review of Wireless Sensor Network Localisation Based on Software Defined Networking <b>2019</b> ,		1
26	End-to-End Wireless Control Plane for SDN in Data Centers <b>2019</b> ,		1
25	Classifying tachycardias via high dimensional linear discriminant function and perceptron with multi-piece domain activation function <b>2015</b> ,		1
24	Dynamic spectrum allocation for smart meter networks and WSNs in the presence of household consumer networks <b>2014</b> ,		1
23	Tag Group Authentication Using Bit-Collisions <b>2012</b> ,		1
22	Smartphones as a platform for advanced measurement and processing <b>2012</b> ,		1
21	An Investigation of Bluetooth Mergence with Ultra Wideband <b>2008</b> ,		1
20	Non-Line-of-Sight Identification Without Channel Statistics <b>2020</b> ,		1
19	Device Synchronisation: A Practical Limitation on Reader Assisted Jamming Methods for RFID Confidentiality. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 219-234	0.9	1
18	Self-jamming Audio Channels: Investigating the Feasibility of Perceiving Overshadowing Attacks. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 188-203	0.9	1

17	Secure Proximity Identification for RFID. <i>Wireless Networks and Mobile Communications</i> , <b>2009</b> ,		1
16	. <i>IEEE Industrial Electronics Magazine</i> , <b>2021</b> , 15, 52-64	6.2	1
15	A framework for user-centric key sharing in personal sensor networks <b>2016</b> ,		1
14	Approaches for Best-Effort Relay-Resistant Channels on Standard Contactless Channels <b>2019</b> ,		1
13	An Approach to Improve Location Accuracy in Non-Line-of-Sight Scenarios using Floor Plans <b>2019</b> ,		1
12	Design and Implementation of an Electrical Tamper Detection System <b>2019</b> ,		1
11	Software-Defined Power Grids: A Survey on Opportunities and Taxonomy for Microgrids. <i>IEEE Access</i> , <b>2021</b> , 9, 98973-98991	3.5	1
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