

# Ã“Scar Seijo

## List of Publications by Year in descending order

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136  
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#	ARTICLE	IF	CITATIONS
1	IEEE 802.1AS Clock Synchronization Performance Evaluation of an Integrated Wired-Wireless TSN Architecture. IEEE Transactions on Industrial Informatics, 2022, 18, 2986-2999.	11.3	25
2	Clock Synchronization for Wireless Time-Sensitive Networking: A March From Microsecond to Nanosecond. IEEE Industrial Electronics Magazine, 2022, 16, 35-43.	2.6	6
3	Tackling the Challenges of the Integration of Wired and Wireless TSN With a Technology Proof-of-Concept. IEEE Transactions on Industrial Informatics, 2022, 18, 7361-7372.	11.3	14
4	When IEEE 802.11 and 5G Meet Time-Sensitive Networking. IEEE Open Journal of the Industrial Electronics Society, 2022, 3, 14-36.	6.8	29
5	A Survey of Physical Layer Techniques for Secure Wireless Communications in Industry. IEEE Communications Surveys and Tutorials, 2022, 24, 810-838.	39.4	43
6	w-SHARP: Implementation of a High-Performance Wireless Time-Sensitive Network for Low Latency and Ultra-low Cycle Time Industrial Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 3651-3662.	11.3	39
7	Analysis of NOMA-Based Retransmission Schemes for Factory Automation Applications. IEEE Access, 2021, 9, 29541-29554.	4.2	13
8	SHARP: Implementation of a Hybrid Wired-Wireless TSN Network to Enable Flexible Smart Factories. , 2021, , .		3
9	Analysis of Latency and Reliability Improvement with Multi-Link Operation over 802.11. , 2021, , .		15
10	Portable Full Channel Sounder for Industrial Wireless Applications With Mobility by Using Sub-Nanosecond Wireless Time Synchronization. IEEE Access, 2020, 8, 175576-175588.	4.2	7
11	NOMA-Based 802.11n for Industrial Automation. IEEE Access, 2020, 8, 168546-168557.	4.2	22
12	Enhanced Timestamping Method for Subnanosecond Time Synchronization in IEEE 802.11 Over WLAN Standard Conditions. IEEE Transactions on Industrial Informatics, 2020, 16, 5792-5805.	11.3	29
13	On the use of White Rabbit for Precise Time Transfer in 5G URLLC Networks for Factory Automation Applications. , 2019, , .		3
14	Analysis and Evaluation of a Wired/Wireless Hybrid Architecture for Distributed Control Systems With Mobility Requirements. IEEE Access, 2019, 7, 95915-95931.	4.2	9
15	IEEE 1588 Clock Synchronization Performance over Time-Varying Wireless Channels. , 2018, , .		16
16	SHARP: A novel hybrid architecture for industrial wireless sensor and actuator networks. , 2018, , .		21