

Matthew M Y Kuo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

120
citations

1937457

4
h-index

2053595

5
g-index

16
all docs

16
docs citations

16
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart I/O Modules for Mitigating Cyber-Physical Attacks on Industrial Control Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 4659-4669.	7.2	31
2	Relaxing the synchronous approach for mixed-criticality systems. , 2014, , .		17
3	Determining the worst-case reaction time of IEC 61499 function blocks. , 2010, , .		16
4	Hierarchical and Concurrent ECCs for IEC 61499 Function Blocks. IEEE Transactions on Industrial Informatics, 2016, 12, 59-68.	7.2	16
5	Model-Driven Design Using IEC 61499. , 2015, , .		13
6	Secure Links: Secure-by-Design Communications in IEC 61499 Industrial Control Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 3992-4002.	7.2	7
7	A systematic mapping of semi-formal and formal methods in requirements engineering of industrial Cyber-Physical systems. Journal of Intelligent Manufacturing, 2022, 33, 1603-1638.	4.4	6
8	Securing implantable medical devices with runtime enforcement hardware. , 2019, , .		5
9	Mixed-Criticality Systems as a Service for Non-critical Tasks. , 2016, , .		2
10	RunSync: A Predictable Runtime for Precision Timed Automation Systems. , 2016, , .		2
11	Precision Timed Industrial Automation Systems. , 2016, , .		2
12	New Design Patterns for Time-Predictable Execution of Function Blocks. , 2017, , 69-95.		1
13	Tracing security requirements in industrial control systems using graph databases. Software and Systems Modeling, 2023, 22, 851-870.	2.2	1
14	Simulation of cyber-physical systems using IEC61499. , 2017, , .		0
15	Timing Analysis. , 2015, , 137-159.		0