Matthew M Y Kuo

List of Publications by Year
in descending order

15	120	1937457	2053595
papers	citations	4	5
		h-index	g-index

16	16	16	121
all docs	docs citations	times ranked	citing authors

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