

Soumyajit Dey

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

79
citations

2257833

3
h-index

1719901

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g-index

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all docs

20
docs citations

20
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Safe is the New Smart: PUF-Based Authentication for Load Modification-Resistant Smart Meters. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 663-680.	3.7	20
2	A Tag Machine Based Performance Evaluation Method for Job-Shop Schedules. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2010, 29, 1028-1041.	1.9	12
3	Embedded Support Vector Machine : Architectural Enhancements and Evaluation. , 2007, , .		9
4	Synthesis of sampling modes for adaptive control. , 2014, , .		6
5	Thermal Load-aware Adaptive Scheduling for Heterogeneous Platforms. , 2020, , .		5
6	Safe and Stable RL (S^2 RL) Driving Policies Using Control Barrier and Control Lyapunov Functions. IEEE Transactions on Intelligent Vehicles, 2023, 8, 1889-1899.	9.4	4
7	Algorithmic approaches for optimizing electronic control unit time using multi-rate sampling. Control Theory and Technology, 2018, 16, 173-190.	1.0	3
8	Co-Synthesis of Loop Execution Patterns for Multihop Control Networks. IEEE Embedded Systems Letters, 2018, 10, 111-114.	1.3	3
9	A Programmable Open Architecture Testbed for CPS Education. IEEE Design and Test, 2020, 37, 31-38.	1.1	3
10	MODELING AND ANALYSIS OF EMBEDDED MULTIMEDIA APPLICATIONS USING COLORED PETRI NETS. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 02, 169-193.	0.9	2
11	Integrating formal methods with testing for reliability estimation of component based systems. , 2015, , .		2
12	Performance, Security Tradeoffs in Secure Control. IEEE Embedded Systems Letters, 2019, 11, 102-105.	1.3	2
13	Performance and energy aware robust specification of control execution patterns under dropped samples. IET Computers and Digital Techniques, 2019, 13, 493-504.	0.9	2
14	Pattern Guided Integrated Scheduling and Routing in Multi-Hop Control Networks. Transactions on Embedded Computing Systems, 2020, 19, 1-28.	2.1	2
15	Architectural Optimizations for Text to Speech Synthesis in Embedded Systems. , 2007, , .		1
16	Demand Manipulation Attack Resilient Privacy Aware Smart Grid Using PUFs and Blockchain. Lecture Notes in Computer Science, 2021, , 252-275.	1.0	1
17	SMT-Based Verification of Safety-Critical Embedded Control Software. IEEE Embedded Systems Letters, 2021, 13, 138-141.	1.3	1
18	PySchedCL: Leveraging Concurrency in Heterogeneous Data-Parallel Systems. IEEE Transactions on Computers, 2021, , 1-1.	2.4	1

#	ARTICLE	IF	CITATIONS
19	Performance-Driven Post-Processing of Control Loop Execution Schedules. ACM Transactions on Design Automation of Electronic Systems, 2021, 26, 1-27.	1.9	0
20	Proactive feedback for networked CPS. , 2021, , .		0