

Jack Tang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

194
citations

1478505

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1588992

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g-index

15
all docs

15
docs citations

15
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Secure Randomized Checkpointing for Digital Microfluidic Biochips. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 1119-1132.	2.7	42
2	Toward Secure and Trustworthy Cyberphysical Microfluidic Biochips. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2019, 38, 589-603.	2.7	23
3	Bio-Protocol Watermarking on Digital Microfluidic Biochips. IEEE Transactions on Information Forensics and Security, 2019, 14, 2901-2915.	6.9	23
4	Security Implications of Cyberphysical Flow-Based Microfluidic Biochips. , 2017, , .		20
5	Securing digital microfluidic biochips by randomizing checkpoints. , 2016, , .		17
6	Security Trade-Offs in Microfluidic Routing Fabrics. , 2017, , .		14
7	Randomized Checkpoints: A Practical Defense for Cyber-Physical Microfluidic Systems. IEEE Design and Test, 2019, 36, 5-13.	1.2	13
8	Security Assessment of Micro-Electro-Dot-Array Biochips. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2019, 38, 1831-1843.	2.7	12
9	Securing pressure measurements using SensorPUFs. , 2016, , .		8
10	Shadow attacks on MEDA biochips. , 2018, , .		7
11	Synthesis of Tamper-Resistant Pin-Constrained Digital Microfluidic Biochips. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 171-184.	2.7	6
12	Bio-chemical Assay Locking to Thwart Bio-IP Theft. ACM Transactions on Design Automation of Electronic Systems, 2020, 25, 1-20.	2.6	6
13	Analysis and Design of Tamper-Mitigating Microfluidic Routing Fabrics. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 1003-1016.	2.7	3
14	Prevention: Tamper-Resistant Pin-Constrained Digital Microfluidic Biochips. , 2020, , 51-77.		0
15	Security and Trust. , 2020, , 19-49.		0