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List of articles citing

Rapid online fault recovery for cyber-physical digital microfluidic biochips

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
26	. 2015 ,		3
25	Error recovery in a micro-electrode-dot-array digital microfluidic biochip?. 2016 ,		26
24	A new approach for root-causing attacks on digital microfluidic devices. 2016 ,		13
23	Synthesis of Error-Recovery Protocols for Micro-Electrode-Dot-Array Digital Microfluidic Biochips. <i>Transactions on Embedded Computing Systems</i> , 2017 , 16, 1-22	1.8	15
22	. 2017 ,		4
21	. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2017 , 36, 733-746	2.5	35
20	Droplet Size-Aware and Error-Correcting Sample Preparation Using Micro-Electrode-Dot-Array Digital Microfluidic Biochips. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017 , 11, 1380-1391	5.1	16
19	. <i>Proceedings of the IEEE</i> , 2018 , 106, 1717-1743	14.3	9
18	Keynote Paper: From EDA to IoT eHealth: Promises, Challenges, and Solutions. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018 , 37, 2965-2978	2.5	57
17	Resource-Constrained Scheduling for Digital Microfluidic Biochips. <i>ACM Journal on Emerging Technologies in Computing Systems</i> , 2018 , 14, 1-26	1.7	6
16	Efficient and Adaptive Error Recovery in a Micro-Electrode-Dot-Array Digital Microfluidic Biochip. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018 , 37, 601-614	2.5	22
15	BioScript: programming safe chemistry on laboratories-on-a-chip. 2018 , 2, 1-31		11
14	A particle swarm optimization method for fault localization and residue removal in digital microfluidic biochips. <i>Applied Soft Computing Journal</i> , 2019 , 85, 105839	7.5	3
13	Puddle. 2019 ,		10
12	Micro-Electrode-Dot-Array Digital Microfluidic Biochips: Technology, Design Automation, and Test Techniques. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2019 , 13, 292-313	5.1	19
11	Hardware Design and Fault-Tolerant Synthesis for Digital Acoustofluidic Biochips. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2020 , 14, 1065-1078	5.1	4
10	A Methodology for Root-Causing In-field Attacks on Microfluidic Executions. <i>Lecture Notes in Computer Science</i> , 2020 , 119-152	0.9	2

9	A performance-optimizing compiler for cyber-physical digital microfluidic biochips. 2020 ,		1
8	Emerging Circuit Technologies: An Overview on the Next Generation of Circuits. 2018 , 43-67		0
7	Introduction. 2019 , 1-20		
6	Generalized Error-Correcting Sample Preparation. 2019 , 113-134		
5	Efficient and Adaptive Error Recovery. 2019 , 53-81		
4	Debugging Errors in Microfluidic Executions. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 143-158	4	1
3	A Survey on Security of Digital Microfluidic Biochips: Technology, Attack, and Defense. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2022 , 27, 1-33	1.5	1
2	Attack-Detection and -Recovery: An Integrated Approach Towards Attack-Tolerant Cyber-Physical Digital Microfluidic Biochips. 1-13		0
1	Compiling Functions onto Digital Microfluidics. 2023 ,		0