

Christian Fobel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1245826/publications.pdf>

Version: 2024-02-01

9
papers

401
citations

1684188

5
h-index

2053705

5
g-index

9
all docs

9
docs citations

9
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	DropBot: An open-source digital microfluidic control system with precise control of electrostatic driving force and instantaneous drop velocity measurement. Applied Physics Letters, 2013, 102, .	3.3	173
2	A digital microfluidic system for serological immunoassays in remote settings. Science Translational Medicine, 2018, 10, .	12.4	117
3	Upon the Shoulders of Giants: Open-Source Hardware and Software in Analytical Chemistry. Analytical Chemistry, 2017, 89, 4330-4338.	6.5	67
4	Direct Interface between Digital Microfluidics and High Performance Liquid Chromatographyâ€“Mass Spectrometry. Analytical Chemistry, 2015, 87, 11967-11972.	6.5	20
5	A scalable, serially-equivalent, high-quality parallel placement methodology suitable for modern multicore and GPU architectures. , 2014, , .		10
6	Advancing genetic algorithm approaches to field programmable gate array placement with enhanced recombination operators. Evolutionary Intelligence, 2014, 7, 183-200.	3.6	5
7	Scalable analytic placement for FPGA on GPGPU. , 2015, , .		5
8	GPU Approach to FPGA placement based on star+. , 2012, , .		4
9	Using GPUs to accelerate FPGA wirelength estimate for use with complex search operators. , 2011, , .		0