

Christian Fobel

List of Publications by Year in descending order

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

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