Alexander Rüdiger Schneider

Publications:

Volume Management for Pin-Constrained Continuous-Flow Microfluidic Biochips
Publication: Research › Ph.D. thesis – Annual report year: 2018

Pin-count reduction for continuous flow microfluidic biochips
Publication: Research - peer-review › Journal article – Annual report year: 2017

Synthesis of on-chip control circuits for mVLSI biochips
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Volume management for fault-tolerant continuous-flow microfluidics
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Waste-aware fluid volume assignment for flow-based microfluidic biochips
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

A Pin-Count Reduction Algorithm for Flow-Based Microfluidic Biochips
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Projects:

Compilation Techniques for Flow-based Microfluidic Biochips
Project: PhD