Tamas Pardy

List of Publications by Year
in descending order

18	273	1478505 6	1281871 11
papers	citations	h-index	g-index

18	18	18	384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Joint Optimization Via Deep Reinforcement Learning in Wireless Networked Controlled Systems. IEEE Access, 2022, 10, 67152-67167.	4.2	1
2	Open Source Hardware Cost-Effective Imaging Sensors for High-Throughput Droplet Microfluidic Systems. , 2022, , .		2
3	Optical Detection Methods for High-Throughput Fluorescent Droplet Microflow Cytometry. Micromachines, 2021, 12, 345.	2.9	6
4	Can 3D Printing Bring Droplet Microfluidics to Every Lab?â€"A Systematic Review. Micromachines, 2021, 12, 339.	2.9	17
5	Model-based System Architecture for Event-triggered Wireless Control of Bio-analytical Devices. , 2021, , .		2
6	Polymer Nanofiber Deposition in Lab-on-a-Chip Devices By Electrospinning. , 2020, , .		1
7	Simulations of Wide Bandgap SiC N-N Heterostructure Diode. , 2020, , .		0
8	Development of Automated Detection and Wireless Reporting for a Handheld Point-of-Care Test. , 2020, , .		0
9	Development of a Low-Cost, Wireless Smart Thermostat for Isothermal DNA Amplification in Lab-On-A-Chip Devices. Micromachines, 2019, 10, 437.	2.9	6
10	Instrument-free Lab-on-a-Chip DNA amplification test for pathogen detection. , 2018, , .		0
11	A Survey on the Roles of Communication Technologies in IoT-Based Personalized Healthcare Applications. IEEE Access, 2018, 6, 36611-36631.	4.2	191
12	Thermal Analysis of a Disposable, Instrument-Free DNA Amplification Lab-on-a-Chip Platform. Sensors, 2018, 18, 1812.	3.8	7
13	Application of power line communication technology in street lighting control. International Journal of Design and Nature and Ecodynamics, 2018, 13, 176-186.	0.5	7
14	Development of Temperature Control Solutions for Non-Instrumented Nucleic Acid Amplification Tests (NINAAT). Micromachines, 2017, 8, 180.	2.9	10
15	Integrated self-regulating resistive heating for isothermal nucleic acid amplification tests (NAAT) in Lab-on-a-Chip (LoC) devices. PLoS ONE, 2017, 12, e0189968.	2.5	15
16	Finite Element Modelling for the Optimization of Microheating in Disposable Molecular Diagnostics. International Journal of Computational Methods and Experimental Measurements, 2017, 5, 13-22.	0.2	3
17	Modelling and experimental characterisation of thermoelectric heating for molecular diagnostics devices. , 2016, , .		0
18	Terahertz Spatial Light Modulator with Digital Microfluidic Array. Procedia Engineering, 2012, 47, 965-968.	1.2	5