

Jennifer Gaughran

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

272
citations

1478458

6
h-index

1872665

6
g-index

11
all docs

11
docs citations

11
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrifugo-pneumatic valving utilizing dissolvable films. Lab on A Chip, 2012, 12, 2894.	6.0	113
2	Optical sensing system based on wireless paired emitter detector diode device and ionogels for lab-on-a-disc water quality analysis. Lab on A Chip, 2012, 12, 5069.	6.0	57
3	A Review of Polylactic Acid as a Replacement Material for Single-Use Laboratory Components. Materials, 2022, 15, 2989.	2.9	33
4	Fluidic Automation of Nitrate and Nitrite Bioassays in Whole Blood by Dissolvable-Film Based Centrifugo-Pneumatic Actuation. Sensors, 2013, 13, 11336-11349.	3.8	23
5	Phase-selective graphene oxide membranes for advanced microfluidic flow control. Microsystems and Nanoengineering, 2016, 2, 16008.	7.0	14
6	Solvent-selective routing for centrifugally automated solid-phase purification of RNA. Microfluidics and Nanofluidics, 2015, 18, 859-871.	2.2	11
7	Identification of sleep apnea events using discrete wavelet transform of respiration, ECG and accelerometer signals. , 2013, , .		8
8	Centrifugally automated solid-phase purification of RNA. , 2014, , .		8
9	Graphene Oxide membranes for phase-selective microfluidic flow control. , 2015, , .		3
10	Graphene-oxide enabled centrifugo-pneumatic routing of flows. , 2015, , .		1