

Raviraj Thakur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2621040/publications.pdf>

Version: 2024-02-01

11
papers

109
citations

1684188

5
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Optoelectrical microfluidics as a promising tool in biology. Trends in Biotechnology, 2014, 32, 414-421.	9.3	35
2	Software-programmable continuous-flow multi-purpose lab-on-a-chip. Microfluidics and Nanofluidics, 2013, 15, 647-659.	2.2	24
3	Normally closed plunger-membrane microvalve self-actuated electrically using a shape memory alloy wire. Microfluidics and Nanofluidics, 2018, 22, 1.	2.2	14
4	Programmable microfluidic platform for spatiotemporal control over nanoliter droplets. Microfluidics and Nanofluidics, 2015, 18, 1425-1431.	2.2	10
5	On-chip dilution in nanoliter droplets. Analyst, The, 2015, 140, 5855-5859.	3.5	5
6	Normally closed plunger-membrane microvalve self-actuated electrically using a shape memory alloy wire. Microfluidics and Nanofluidics, 2018, 22, .	2.2	5
7	A Hydrogel-Based Microfluidic Nerve Cuff for Neuromodulation of Peripheral Nerves. Micromachines, 2021, 12, 1522.	2.9	5
8	Characterizations of gas purge valves for liquid alignment and gas removal in a microfluidic chip. Journal of Micromechanics and Microengineering, 2012, 22, 085023.	2.6	4
9	Miniature elastomeric valve design for safe direct current stimulator. , 2017, 2017, 1-4.		4
10	Nerve cuff electrode pressure estimation via electrical impedance measurement. Journal of Neural Engineering, 2019, 16, 064003.	3.5	2
11	A microfabricated microfluidic bioMEMS device to model human brain aneurysms: the aneurysm-on-a-chip. , 2015, , .		1