

Raviraj Thakur

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

109
citations

1684188

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1474206

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11
all docs

11
docs citations

11
times ranked

132
citing authors

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