

Vikhram Vilasur Swaminathan

List of Publications by Year in descending order

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9
papers

75
citations

1684188
5
h-index

1872680
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g-index

9
all docs

9
docs citations

9
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated micro-power source based on a micro-silicon fuel cell and a micro electromechanical system hydrogen generator. Journal of Power Sources, 2008, 185, 1305-1310.	7.8	24
2	Ionic transport in nanocapillary membrane systems. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	19
3	Hierarchically structured re-entrant microstructures for superhydrophobic surfaces with extremely low hysteresis. Journal of Micromechanics and Microengineering, 2014, 24, 095023.	2.6	13
4	Electronic desalting for controlling the ionic environment in droplet-based biosensing platforms. Applied Physics Letters, 2015, 106, 053105.	3.3	7
5	Integrated micro fuel cell with on-demand hydrogen production and passive control MEMS. Microfluidics and Nanofluidics, 2012, 12, 735-749.	2.2	5
6	Enhanced sub-micron colloidal particle separation with interdigitated microelectrode arrays using mixed AC/DC dielectrophoretic scheme. Biomedical Microdevices, 2015, 17, 29.	2.8	5
7	A Micro Hydrogen Generator with a Microfluidic Self-Regulating Valve for Sensors and Fuel Cells. , 2009, , .		2
8	Ionic transport in nanocapillary membrane systems. , 2012, , 17-31.		0
9	Microfluidic platform with hierarchical micro/nanostructures and SELEX nucleic acid aptamer coating for isolation of circulating tumor cells. , 2013, , .		0