

Mahyar Nasabi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11194635/publications.pdf>

Version: 2024-02-01

15
papers

217
citations

933447

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1125743

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16
all docs

16
docs citations

16
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	An Investigation on Platelet Transport during Thrombus Formation at Micro-Scale Stenosis. PLoS ONE, 2013, 8, e74123.	2.5	36
2	An assessment of the dynamic stability of microorganisms on patterned surfaces in relation to biofouling control. Biofouling, 2014, 30, 695-707.	2.2	28
3	A novel approach to determine the efficacy of patterned surfaces for biofouling control in relation to its microfluidic environment. Biofouling, 2013, 29, 697-713.	2.2	25
4	Controlled Rotation and Vibration of Patterned Cell Clusters Using Dielectrophoresis. Analytical Chemistry, 2015, 87, 2389-2395.	6.5	24
5	Modifying Dielectrophoretic Response of Nonviable Yeast Cells by Ionic Surfactant Treatment. Analytical Chemistry, 2013, 85, 6364-6371.	6.5	19
6	Analysing calcium signalling of cells under high shear flows using discontinuous dielectrophoresis. Scientific Reports, 2015, 5, 11973.	3.3	18
7	Mechanically tolerant fluidic split ring resonators. Smart Materials and Structures, 2016, 25, 075023.	3.5	17
8	Lateral trapezoid microfluidic platform for investigating mechanotransduction of cells to spatial shear stress gradients. Sensors and Actuators B: Chemical, 2017, 251, 963-975.	7.8	16
9	Elastomer-Based Pneumatic Switch for Radio Frequency Microdevices. Journal of Microelectromechanical Systems, 2012, 21, 1410-1417.	2.5	14
10	Dielectrophoresis with 3D microelectrodes fabricated by surface tension assisted lithography. Electrophoresis, 2013, 34, 3150-3154.	2.4	11
11	A novel Surface Tension Assisted Lithography (STAL) technique for microfabrication of 3D structures. Journal of Materials Chemistry C, 2013, 1, 401-405.	5.5	4
12	A hydrodynamic microchip for formation of continuous cell chains. Applied Physics Letters, 2014, 104, 203701.	3.3	3
13	Characterizing EMONA TIMS-301 Modeling System for digital modulations. , 2008, , .		1
14	Design, characterization and application of a novel mono-layer pin-microvalve for microfluidic devices. RSC Advances, 2014, 4, 24394-24398.	3.6	1
15	Microstamp patterning of protein arrays. , 2008, , .		0