

Rucha Natu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11739161/publications.pdf>

Version: 2024-02-01

8
papers

188
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	A study on the limits and advantages of using a desktop cutter plotter to fabricate microfluidic networks. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 973-985.	2.2	60
2	Shrinkage of SU-8 microstructures during carbonization. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 131, 17-27.	5.5	49
3	Enrichment of diluted cell populations from large sample volumes using 3D carbon-electrode dielectrophoresis. <i>Biomicrofluidics</i> , 2016, 10, 033107.	2.4	27
4	Automated "pick and transfer" of targeted cells using dielectrophoresis. <i>Lab on A Chip</i> , 2019, 19, 2512-2525.	6.0	15
5	Numerical Model of Streaming DEP for Stem Cell Sorting. <i>Micromachines</i> , 2016, 7, 217.	2.9	14
6	Assessing the importance of the root mean square (RMS) value of different waveforms to determine the strength of a dielectrophoresis trapping force. <i>Electrophoresis</i> , 2017, 38, 2561-2564.	2.4	14
7	Nondimensional Streaming Dielectrophoresis Number for a System of Continuous Particle Separation. <i>Analytical Chemistry</i> , 2019, 91, 4357-4367.	6.5	9
8	3D Carbon-Electrode Dielectrophoresis for Enrichment of a Small Cell Population from a Large Sample Volume. <i>ECS Transactions</i> , 2016, 72, 97-103.	0.5	0