

Vaskar Gnyawali

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

183
citations

1307594

7
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic diamagnetic water-in-water droplets: a biocompatible cell encapsulation and manipulation platform. Lab on A Chip, 2018, 18, 3361-3370.	6.0	43
2	Stable microfluidic flow focusing using hydrostatics. Biomicrofluidics, 2017, 11, 034104.	2.4	30
3	Simultaneous acoustic and photoacoustic microfluidic flow cytometry for label-free analysis. Scientific Reports, 2019, 9, 1585.	3.3	30
4	Microneedle-assisted microfluidic flow focusing for versatile and high throughput water-in-water droplet generation. Journal of Colloid and Interface Science, 2019, 553, 382-389.	9.4	27
5	Sizing biological cells using a microfluidic acoustic flow cytometer. Scientific Reports, 2019, 9, 4775.	3.3	18
6	Honey, I shrunk the bubbles: microfluidic vacuum shrinkage of lipid-stabilized microbubbles. Soft Matter, 2017, 13, 4011-4016.	2.7	14
7	Shrinking microbubbles with microfluidics: mathematical modelling to control microbubble sizes. Soft Matter, 2017, 13, 8796-8806.	2.7	10
8	Classification of biological cells using a sound wave based flow cytometer. Proceedings of SPIE, 2016, , .	0.8	7
9	One-layer microfluidic device for hydrodynamic 3D self-flow-focusing operating in low flow speed. Proceedings of SPIE, 2016, , .	0.8	1
10	Sizing Cells Using Acoustic Flow Cytometry. , 2018, , .		1
11	Measuring the nucleus-to-cytoplasmic ratio in PC-3 cells using photoacoustic flow cytometry and imaging flow cytometry. , 2019, , .		1
12	Simultaneous ultrasound and photoacoustics based flow cytometry. , 2018, , .		1
13	Microfluidic shrinking of microbubble contrast agents. , 2017, , .		0
14	Individual nanobubbles detection using acoustic based flow cytometry. , 2019, , .		0