

Kiran Raj M

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

415
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Magnetic Nanoparticles in Physiologically Mimicking Tissue Microenvironment. ACS Applied Materials & Interfaces, 2022, 14, 31689-31701.	8.0	10
2	PDMS microfluidics: A mini review. Journal of Applied Polymer Science, 2020, 137, 48958.	2.6	239
3	Biomimetic pulsatile flows through flexible microfluidic conduits. Biomicrofluidics, 2019, 13, 014103.	2.4	11
4	Stress banding in compressed quasi-two-dimensional aqueous foams. Physics of Fluids, 2019, 31, 082111.	4.0	1
5	Universal oscillatory dynamics in capillary filling. Europhysics Letters, 2019, 125, 14003.	2.0	6
6	Micromechanical properties of biomedical hydrogel for application as microchannel elastomer. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 217-224.	3.1	5
7	Collective dynamics of red blood cells on an <i>in vitro</i> microfluidic platform. Lab on A Chip, 2018, 18, 3939-3948.	6.0	17
8	Flow-induced deformation in a microchannel with a non-Newtonian fluid. Biomicrofluidics, 2018, 12, 034116.	2.4	28
9	Hydrodynamics in deformable microchannels. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	38
10	Predicting <i>Escherichia coli</i>'s chemotactic drift under exponential gradient . Physical Review E, 2017, 96, 032409.	2.1	6
11	Mixing characteristics in microchannels with biomimetic superhydrophobic (Lotus leaf replica) walls. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	15
12	Tunable hydrodynamic characteristics in microchannels with biomimetic superhydrophobic (lotus) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.7	39