

Rajeev Kumar Singh

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

145
citations

1307594

7
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilayer staggered herringbone micro-mixers with symmetric and asymmetric geometries. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 271-286.	2.2	34
2	Plasma Modification of Polymer Surfaces and Their Utility in Building Biomedical Microdevices. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 2707-2739.	2.6	26
3	Dielectrophoresis assisted concentration of micro-particles and their rapid quantitation based on optical means. <i>Biomedical Microdevices</i> , 2009, 11, 987-995.	2.8	22
4	Design and fabrication of 3-dimensional helical structures in polydimethylsiloxane for flow control applications. <i>Microsystem Technologies</i> , 2014, 20, 101-111.	2.0	20
5	Passive Vibration Damping Using Polymer Pads With Microchannel Arrays. <i>Journal of Microelectromechanical Systems</i> , 2013, 22, 695-707.	2.5	18
6	Surface electrophoresis of ds-DNA across orthogonal pair of surfaces. <i>Applied Physics Letters</i> , 2011, 98, 164102.	3.3	13
7	A novel helical micro-valve for embedded micro-fluidic applications. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 19-29.	2.2	12
8	Design of Microfluidic Paper-Based Device for the Detection of Nitrogen Dioxide in Atmosphere. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 357-361.	0.4	0
9	Air Pollution Scenario in India and Assessment of Air Purification Technologies. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 265-280.	0.4	0