

# Rajeev Kumar Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/797796/publications.pdf>

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