Jasti Sateesh

List of Publications by Year
in descending order

13 papers	134 citations	1684188 5 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	121 citing authors

#	Article	IF	Citations
1	Design and performance analysis of uniform meander structured RF MEMS capacitive shunt switch along with perforations. Microsystem Technologies, 2018, 24, 901-908.	2.0	42
2	Design and Flow Analysis of MEMS based Piezo-electric Micro Pump. Microsystem Technologies, 2018, 24, 1609-1614.	2.0	31
3	Design and analysis of MEMS based piezoelectric micro pump integrated with micro needle. Microsystem Technologies, 2020, 26, 3153-3159.	2.0	19
4	Design and analysis of microfluidic kidney-on-chip model: fluid shear stress based study with temperature effect. Microsystem Technologies, 2019, 25, 2553-2560.	2.0	9
5	Regenerating re-absorption function of proximal convoluted tubule using microfluidics for kidney-on-chip applications. SN Applied Sciences, 2020, 2, 1.	2.9	9
6	Mimicking kidney re-absorption using microfluidics by considering hydrostatic pressure inside kidney tubules: structural and analytical study. Microsystem Technologies, 2020, 26, 1769-1776.	2.0	6
7	Recreating the sizeâ€dependent reabsorption function of proximal convoluted tubule towards artificial kidney applications: Structural analysis and computational study. Artificial Organs, 2020, 44, E369-E381.	1.9	6
8	Design and Modeling of Bioreactor Utilizing Electrophoresis and Di-Electrophoresis Techniques for Regenerating Reabsorption Function of Human Kidney PCT in Microfluidics Environment. IEEE Transactions on Nanobioscience, 2022, 21, 529-541.	3.3	5
9	Design and analysis of MEMS based bio sensor for TB detection. , 2016, , .		3
10	Mimicking Human Kidney: Research Towards Better Solutions for Kidney Failure. Studies in Systems, Decision and Control, 2021, , 293-312.	1.0	2
11	Design and analysis of perforated MEMS resonator. Microsystem Technologies, 2021, 27, 613-617.	2.0	1
12	Designing a Multi-purpose GSM Based Interactive Embedded Data-Acquisition System Providing Solutions for Fire Accidents. International Journal of Electrical and Computer Engineering, 2016, 6, 1506.	0.7	1
13	Design and Analysis Novel Structure for Replication of Reabsorption Function for Artificial Kidney Applications. , 2019, , .		0