

Manjunath Hegde

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,594
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2511
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric confinement for defining outgrowth directionality. <i>Lab on A Chip</i> , 2019, 19, 1484-1489.	6.0	25
2	Serial integration of Dean-structured sample cores with linear inertial focussing for enhanced particle and cell sorting. <i>Biomicrofluidics</i> , 2018, 12, 044104.	2.4	6
3	Long-term maintenance of a microfluidic 3D human liver sinusoid. <i>Biotechnology and Bioengineering</i> , 2016, 113, 241-246.	3.3	164
4	Microengineered cell and tissue systems for drug screening and toxicology applications: Evolution of <i>in-vitro</i> liver technologies. <i>Technology</i> , 2015, 03, 1-26.	1.4	63
5	Long-Term Coculture Strategies for Primary Hepatocytes and Liver Sinusoidal Endothelial Cells. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 413-422.	2.1	84
6	A novel ultrathin collagen nanolayer assembly for 3-D microtissue engineering: Layer-by-layer collagen deposition for long-term stable microfluidic hepatocyte culture. <i>Technology</i> , 2014, 02, 67-74.	1.4	22
7	Dynamic interplay of flow and collagen stabilizes primary hepatocytes culture in a microfluidic platform. <i>Lab on A Chip</i> , 2014, 14, 2033-2039.	6.0	88
8	<i>In-vitro</i> platforms for evaluating liver toxicity. <i>Experimental Biology and Medicine</i> , 2014, 239, 1180-1191.	2.4	145
9	Towards a three-dimensional microfluidic liver platform for predicting drug efficacy and toxicity in humans. <i>Stem Cell Research and Therapy</i> , 2013, 4, S16.	5.5	54
10	Synthetic quorum-sensing circuit to control consortial biofilm formation and dispersal in a microfluidic device. <i>Nature Communications</i> , 2012, 3, 613.	12.8	152
11	Isolation rearing significantly perturbs brain metabolism in the thalamus and hippocampus. <i>Neuroscience</i> , 2012, 223, 457-464.	2.3	6
12	A microfluidic device for high throughput bacterial biofilm studies. <i>Lab on A Chip</i> , 2012, 12, 1157.	6.0	60
13	Interkingdom adenosine signal reduces <i>Pseudomonas aeruginosa</i> pathogenicity. <i>Microbial Biotechnology</i> , 2012, 5, 560-572.	4.2	12
14	Chemotaxis to the Quorum-Sensing Signal AI-2 Requires the Tsr Chemoreceptor and the Periplasmic LsrB AI-2-Binding Protein. <i>Journal of Bacteriology</i> , 2011, 193, 768-773.	2.2	118
15	Microfluidic Co-culture of Epithelial Cells and Bacteria for Investigating Soluble Signal-mediated Interactions. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	11
16	Co-culture of epithelial cells and bacteria for investigating host-pathogen interactions. <i>Lab on A Chip</i> , 2010, 10, 43-50.	6.0	108
17	The neuroendocrine hormone norepinephrine increases <i>Pseudomonas aeruginosa</i> PA14 virulence through the las quorum-sensing pathway. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 763-776.	3.6	65
18	Indole cell signaling occurs primarily at low temperatures in <i>Escherichia coli</i> . <i>ISME Journal</i> , 2008, 2, 1007-1023.	9.8	111

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19	Differential Effects of Epinephrine, Norepinephrine, and Indole on Escherichia coli O157:H7 Chemotaxis, Colonization, and Gene Expression. <i>Infection and Immunity</i> , 2007, 75, 4597-4607.	2.2	300