

Gaurav Budhiraja

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

165
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanotransduction of Ultrasound is Frequency Dependent Below the Cavitation Threshold. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 1303-1319.	1.5	47
2	Ultrasonic Bioreactor as a Platform for Studying Cellular Response. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 244-255.	2.1	26
3	Chondrocyte primary cilium is mechanosensitive and responds to low-intensity-ultrasound by altering its length and orientation. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 91, 60-64.	2.8	26
4	Preconditioning of mesenchymal stromal cells with low-intensity ultrasound: influence on chondrogenesis and directed SOX9 signaling pathways. <i>Stem Cell Research and Therapy</i> , 2020, 11, 6.	5.5	21
5	Growth factor and ultrasound-assisted bioreactor synergism for human mesenchymal stem cell chondrogenesis. <i>Journal of Tissue Engineering</i> , 2015, 6, 204173141456652.	5.5	17
6	Low-Intensity Ultrasound Upregulates the Expression of Cyclin D1 and Promotes Cellular Proliferation in Human Mesenchymal Stem Cells. <i>Biotechnology Journal</i> , 2018, 13, e1700382.	3.5	14
7	Remodeling of chromatin under low intensity diffuse ultrasound. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1331-1336.	2.8	9
8	Long-term culture of human mesenchymal stem cell-seeded constructs under ultrasound stimulation: evaluation of chondrogenesis. <i>Biomedical Physics and Engineering Express</i> , 2016, 2, 055016.	1.2	5