Nandini Dhiman

List of Publications by Year
in descending order

8 papers	195 citations	1307594 7 h-index	1720034 7 g-index
8 all docs	8 docs citations	8 times ranked	350 citing authors

#	Article	IF	Citations
1	On-chip anticancer drug screening â€“ Recent progress in microfluidic platforms to address challenges in chemotherapy. Biosensors and Bioelectronics, 2019, 137, 236-254.	10.1	68
2	Three-dimensional bioprinting for bone tissue regeneration. Current Opinion in Biomedical Engineering, 2017, 2, 22-28.	3.4	52
3	Indirect co-culture of lung carcinoma cells with hyperthermia-treated mesenchymal stem cells influences tumor spheroid growth in a collagen-based 3-dimensional microfluidic model. Cytotherapy, 2021, 23, 25-36.	0.7	23
4	Selective Cytotoxicity of a Novel Trpâ€Rich Peptide against Lung Tumor Spheroids Encapsulated inside a 3D Microfluidic Device. Advanced Biology, 2020, 4, e1900285.	3.0	19
5	Isogenic-induced endothelial cells enhance osteogenic differentiation of mesenchymal stem cells on silk fibroin scaffold. Regenerative Medicine, 2019, 14, 647-661.	1.7	13
6	Biocompatibility-on-a-chip: Characterization and evaluation of decellularized tendon extracellular matrix (tdECM) hydrogel for 3D stem cell culture in a microfluidic device. International Journal of Biological Macromolecules, 2022, 213, 768-779.	7.5	10
7	3D bioprinting of mesenchymal stem cells and endothelial cells in an alginate-gelatin-based bioink. Journal of 3D Printing in Medicine, 2021, 5, 23-36.	2.0	8
8	Perfusion-based 3D tumor-on-chip devices for anticancer drug testing. , 2020, , 379-398.		2