Tabassum Ahsan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1762812/publications.pdf

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19 papers	945 citations	516710 16 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	1572 citing authors

#	Article	IF	Citations
1	Bone Marrowâ€“Derived Mesenchymal Stem Cells Promote Angiogenic Processes in a Time- and Dose-Dependent MannerIn Vitro. Tissue Engineering - Part A, 2009, 15, 2459-2470.	3.1	127
2	Biomechanics of integrative cartilage repair. Osteoarthritis and Cartilage, 1999, 7, 29-40.	1.3	126
3	Shear stress during early embryonic stem cell differentiation promotes hematopoietic and endothelial phenotypes. Biotechnology and Bioengineering, 2013, 110, 1231-1242.	3.3	85
4	Fluid Shear Stress Promotes an Endothelial-Like Phenotype During the Early Differentiation of Embryonic Stem Cells. Tissue Engineering - Part A, 2010, 16, 3547-3553.	3.1	77
5	Peak MSCâ€”Are We There Yet?. Frontiers in Medicine, 2018, 5, 178.	2.6	70
6	Integrative cartilage repair: Inhibition by ?-aminopropionitrile. Journal of Orthopaedic Research, 1999, 17, 850-857.	2.3	66
7	Differentiation Patterns of Embryonic Stem Cells in Two- versus Three-Dimensional Culture. Cells Tissues Organs, 2013, 197, 399-410.	2.3	61
8	Strategies for scalable manufacturing and translation of MSC-derived extracellular vesicles. Stem Cell Research, 2020, 48, 101978.	0.7	54
9	Cytoskeletal Expression and Remodeling in Pluripotent Stem Cells. PLoS ONE, 2016, 11, e0145084.	2.5	47
10	Effects of shear stress on germ lineage specification of embryonic stem cells. Integrative Biology (United Kingdom), 2012, 4, 1263-1273.	1.3	39
11	Mesenchymal Stem Cells Overexpressing Ephrin-B2 Rapidly Adopt an Early Endothelial Phenotype with Simultaneous Reduction of Osteogenic Potential. Tissue Engineering - Part A, 2010, 16, 2755-2768.	3.1	36
12	Bioreactor Parameters for Microcarrier-Based Human MSC Expansion under Xeno-Free Conditions in a Vertical-Wheel System. Bioengineering, 2020, 7, 73.	3.5	33
13	Lack of vimentin impairs endothelial differentiation of embryonic stem cells. Scientific Reports, 2016, 6, 30814.	3.3	27
14	Actin and myosin II modulate differentiation of pluripotent stem cells. PLoS ONE, 2018, 13, e0195588.	2.5	21
15	Fluid Shear Stress Pre-Conditioning Promotes Endothelial Morphogenesis of Embryonic Stem Cells Within Embryoid Bodies. Tissue Engineering - Part A, 2014, 20, 954-965.	3.1	20
16	Human Mesenchymal Stem Cells Form Multicellular Structures in Response to Applied Cyclic Strain. Annals of Biomedical Engineering, 2009, 37, 783-793.	2.5	19
17	Looking Ahead to Engineering Epimorphic Regeneration of a Human Digit or Limb. Tissue Engineering - Part B: Reviews, 2016, 22, 251-262.	4.8	17
18	Modulation of the in vitro angiogenic potential of human mesenchymal stromal cells from different tissue sources. Journal of Cellular Physiology, 2020, 235, 7224-7238.	4.1	16

#	Article	IF	Citations
19	Applying Shear Stress to Pluripotent Stem Cells. Methods in Molecular Biology, 2015, 1341, 377-389.	0.9	4