Christiane Fuchs

List of Publications by Year
in descending order

25	1,036	567144 15	610775 24
papers	citations	h-index	g-index

25	25	25	3826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The mTOR pathway and its role in human genetic diseases. Mutation Research - Reviews in Mutation Research, 2008, 659, 284-292.	2.4	156
2	A novel bioreactor for the generation of highly aligned 3D skeletal muscle-like constructs through orientation of fibrin via application of static strain. Acta Biomaterialia, 2015, 24, 251-265.	4.1	150
3	Shock Wave Treatment Enhances Cell Proliferation and Improves Wound Healing by ATP Release-coupled Extracellular Signal-regulated Kinase (ERK) Activation. Journal of Biological Chemistry, 2014, 289, 27090-27104.	1.6	134
4	Reconsidering pluripotency tests: Do we still need teratoma assays?. Stem Cell Research, 2013, 11, 552-562.	0.3	76
5	Efficient siRNA-mediated prolonged gene silencing in human amniotic fluid stem cells. Nature Protocols, 2010, 5, 1081-1095.	5.5	70
6	Contribution of human amniotic fluid stem cells to renal tissue formation depends on mTOR. Human Molecular Genetics, 2010, 19, 3320-3331.	1.4	70
7	Functional interaction of mammalian target of rapamycin complexes in regulating mammalian cell size and cell cycle. Human Molecular Genetics, 2009, 18, 3298-3310.	1.4	49
8	In vitro extracorporeal shock wave treatment enhances stemness and preserves multipotency of rat and human adipose-derived stem cells. Cytotherapy, 2014, 16, 1666-1678.	0.3	45
9	The Importance of Biophysical and Biochemical Stimuli in Dynamic Skeletal Muscle Models. Frontiers in Physiology, 2018, 9, 1130.	1.3	40
10	Induction of mesenchymal/epithelial marker expression in human amniotic fluid stem cells. Reproductive BioMedicine Online, 2009, 19, 838-846.	1.1	39
11	Self-Organization Phenomena in Embryonic Stem Cell-Derived Embryoid Bodies: Axis Formation and Breaking of Symmetry during Cardiomyogenesis. Cells Tissues Organs, 2012, 195, 377-391.	1.3	39
12	Improvement of adipose tissueâ€“derived cells by low-energy extracorporeal shock wave therapy. Cytotherapy, 2017, 19, 1079-1095.	0.3	32
13	Tuberin and PRAS40 are anti-apoptotic gatekeepers during early human amniotic fluid stem-cell differentiation. Human Molecular Genetics, 2012, 21, 1049-1061.	1.4	21
14	Desmin enters the nucleus of cardiac stem cells and modulates Nkx2.5 expression by participating in transcription factor complexes that interact with thenkx2.5gene. Biology Open, 2016, 5, 140-153.	0.6	21
15	Purinergic P2Y2 receptors modulate endothelial sprouting. Cellular and Molecular Life Sciences, 2020, 77, 885-901.	2.4	17
16	Multi-faceted enhancement of full-thickness skin wound healing by treatment with autologous micro skin tissue columns. Scientific Reports, 2021, 11, 1688.	1.6	17
17	Expression of mTOR pathway proteins in human amniotic fluid stem cells. International Journal of Molecular Medicine, 2009, 23, 779-84.	1.8	11
18	Renal differentiation of amniotic fluid stem cells: perspectives for clinical application and for studies on specific human genetic diseases. European Journal of Clinical Investigation, 2012, 42, 677-684.	1.7	11

#	Article	IF	Citations
19	Photobiomodulation Response From 660â€‰nm is Different and More Durable Than That From 980â€‰nm. Lasers in Surgery and Medicine, 2021, 53, 1279-1293.	1.1	11
20	New insights into the role of the tuberous sclerosis genes in leukemia. Leukemia Research, 2009, 33, 883-885.	0.4	6
21	When Wounds Are Good for You: The Regenerative Capacity of Fractional Resurfacing and Potential Utility in Chronic Wound Prevention. Advances in Wound Care, 2019, 8, 679-691.	2.6	6
22	Changes in Elastic Moduli of Fibrin Hydrogels Within the Myogenic Range Alter Behavior of Murine C2C12 and Human C25 Myoblasts Differently. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	5
23	MagneTEskinâ€”Reconstructing skin by magnetically induced assembly of autologous microtissue cores. Science Advances, 2021, 7, eabj0864.	4.7	4
24	Skin Microcolumns as a Source of Paracrine Signaling Factors. Advances in Wound Care, 2020, 9, 174-183.	2.6	3
25	Light-Based Devices for Wound Healing. Current Dermatology Reports, 2020, 9, 261-276.	1.1	3