Marisa Karow

List of Publications by Citations

26 papers	1,534 citations	16 h-index	27 g-index
27 ext. papers	1,754 ext. citations	7.5 avg, IF	3.95 L-index

#	Paper	IF	Citations
26	MMP-2, MT1-MMP, and TIMP-2 are essential for the invasive capacity of human mesenchymal stem cells: differential regulation by inflammatory cytokines. *Blood*, **2007**, 109, 4055-63	2.2	406
25	Reprogramming of pericyte-derived cells of the adult human brain into induced neuronal cells. *Cell Stem Cell*, **2012**, 11, 471-6	18	239
24	Identification and Successful Negotiation of a Metabolic Checkpoint in Direct Neuronal Reprogramming. *Cell Stem Cell*, **2016**, 18, 396-409	18	206
23	Wnt signaling regulates the invasion capacity of human mesenchymal stem cells. *Stem Cells*, **2006**, 24, 1892-903	5.8	133
22	The Wnt signal transduction pathway in stem cells and cancer cells: influence on cellular invasion. *Stem Cell Reviews and Reports*, **2007**, 3, 18-29	6.4	101
21	Nonviral genetic modification mediates effective transgene expression and functional RNA interference in human mesenchymal stem cells. *Journal of Gene Medicine*, **2005**, 7, 718-28	3.5	67
20	Analyzing the protease web in skin: meprin metalloproteases are activated specifically by KLK4, 5 and 8 vice versa leading to processing of proKLK7 thereby triggering its activation. *Biological Chemistry*, **2010**, 391, 455-60	4.5	60
19	Direct pericyte-to-neuron reprogramming via unfolding of a neural stem cell-like program. *Nature Neuroscience*, **2018**, 21, 932-940	25.5	58
18	Safe genetic modification of cardiac stem cells using a site-specific integration technique. *Circulation*, **2012**, 126, S20-8	16.7	35
17	Site-specific recombinase strategy to create induced pluripotent stem cells efficiently with plasmid DNA. *Stem Cells*, **2011**, 29, 1696-704	5.8	33
16	Wnt signalling in mouse mesenchymal stem cells: impact on proliferation, invasion and MMP expression. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 2506-2520	5.6	32
15	Human osteoblast-derived factors induce early osteogenic markers in human mesenchymal stem cells. *Tissue Engineering - Part A*, **2009**, 15, 2397-409	3.9	29
14	The effects of a plant proteinase inhibitor from Enterolobium contortisiliquum on human tumor cell lines. *Biological Chemistry*, **2011**, 392, 327-36	4.5	24
13	Recombinase-mediated reprogramming and dystrophin gene addition in mdx mouse induced pluripotent stem cells. *PLoS ONE*, **2014**, 9, e96279	3.7	24
12	LRP6 mediates Wnt/□catenin signaling and regulates adipogenic differentiation in human mesenchymal stem cells. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 1970-82	5.6	18
11	The therapeutic potential of □31 integrase as a gene therapy system. *Expert Opinion on Biological Therapy*, **2011**, 11, 1287-96	5.4	17
10	Lineage-reprogramming of pericyte-derived cells of the adult human brain into induced neurons. *Journal of Visualized Experiments*, **2014**,	1.6	14

List of Publications

9	Astrocytes and neurons share region-specific transcriptional signatures that confer regional identity to neuronal reprogramming. *Science Advances*, **2021**, 7,	14.3	14
8	Mountaineering pericytes--a universal key to tissue repair?. *BioEssays*, **2013**, 35, 771-4	4.1	10
7	Reporter gene HEK 293 cells and WNT/Frizzled fusion proteins as tools to study WNT signaling pathways. *Biological Chemistry*, **2011**, 392, 1011-20	4.5	7
6	The Gut-Brain Axis in Inflammatory Bowel Disease-Current and Future Perspectives. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
5	Astrocytes and neurons share brain region-specific transcriptional signatures		2
4	Natural and forced neurogenesis: similar and yet different?. *Cell and Tissue Research*, **2018**, 371, 181-187	4.2	0
3	Cellular identity through the lens of direct lineage reprogramming. *Current Opinion in Genetics and Development*, **2021**, 70, 97-103	4.9	0
2	In-TOX-icating neurogenesis. *EMBO Journal*, **2015**, 34, 832-4	13	
1	Die Kunst des Neuronenschmiedens: Direkte Reprogrammierung somatischer Zellen in induzierte neuronale Zellen. *E-Neuroforum*, **2013**, 19, 56-62		