

Marisa Karow

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Astrocytes and neurons share region-specific transcriptional signatures that confer regional identity to neuronal reprogramming. <i>Science Advances</i> , 2021 , 7, | 14.3 | 14 |
| 25 | The Gut-Brain Axis in Inflammatory Bowel Disease-Current and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 5 |
| 24 | Cellular identity through the lens of direct lineage reprogramming. <i>Current Opinion in Genetics and Development</i> , 2021 , 70, 97-103 | 4.9 | 0 |
| 23 | Natural and forced neurogenesis: similar and yet different?. <i>Cell and Tissue Research</i> , 2018 , 371, 181-187 | 4.2 | 0 |
| 22 | Direct pericyte-to-neuron reprogramming via unfolding of a neural stem cell-like program. <i>Nature Neuroscience</i> , 2018 , 21, 932-940 | 25.5 | 58 |
| 21 | Identification and Successful Negotiation of a Metabolic Checkpoint in Direct Neuronal Reprogramming. <i>Cell Stem Cell</i> , 2016 , 18, 396-409 | 18 | 206 |
| 20 | In-TOX-icating neurogenesis. <i>EMBO Journal</i> , 2015 , 34, 832-4 | 13 | |
| 19 | Lineage-reprogramming of pericyte-derived cells of the adult human brain into induced neurons. <i>Journal of Visualized Experiments</i> , 2014 , | 1.6 | 14 |
| 18 | Recombinase-mediated reprogramming and dystrophin gene addition in mdx mouse induced pluripotent stem cells. <i>PLoS ONE</i> , 2014 , 9, e96279 | 3.7 | 24 |
| 17 | Mountaineering pericytes--a universal key to tissue repair?. <i>BioEssays</i> , 2013 , 35, 771-4 | 4.1 | 10 |
| 16 | Die Kunst des Neuronenschmiedens: Direkte Reprogrammierung somatischer Zellen in induzierte neuronale Zellen. <i>E-Neuroforum</i> , 2013 , 19, 56-62 | | |
| 15 | Safe genetic modification of cardiac stem cells using a site-specific integration technique. <i>Circulation</i> , 2012 , 126, S20-8 | 16.7 | 35 |
| 14 | LRP6 mediates Wnt/ β -catenin signaling and regulates adipogenic differentiation in human mesenchymal stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 1970-82 | 5.6 | 18 |
| 13 | Reprogramming of pericyte-derived cells of the adult human brain into induced neuronal cells. <i>Cell Stem Cell</i> , 2012 , 11, 471-6 | 18 | 239 |
| 12 | Reporter gene HEK 293 cells and WNT/Frizzled fusion proteins as tools to study WNT signaling pathways. <i>Biological Chemistry</i> , 2011 , 392, 1011-20 | 4.5 | 7 |
| 11 | The therapeutic potential of β 31 integrase as a gene therapy system. <i>Expert Opinion on Biological Therapy</i> , 2011 , 11, 1287-96 | 5.4 | 17 |
| 10 | Site-specific recombinase strategy to create induced pluripotent stem cells efficiently with plasmid DNA. <i>Stem Cells</i> , 2011 , 29, 1696-704 | 5.8 | 33 |

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| 9 | The effects of a plant proteinase inhibitor from <i>Enterolobium contortisiliquum</i> on human tumor cell lines. <i>Biological Chemistry</i> , 2011 , 392, 327-36 | 4.5 | 24 |
| 8 | 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. <i>Biological Chemistry</i> , 2010 , 391, 455-60 | 4.5 | 60 |
| 7 | Human osteoblast-derived factors induce early osteogenic markers in human mesenchymal stem cells. <i>Tissue Engineering - Part A</i> , 2009 , 15, 2397-409 | 3.9 | 29 |
| 6 | Wnt signalling in mouse mesenchymal stem cells: impact on proliferation, invasion and MMP expression. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 2506-2520 | 5.6 | 32 |
| 5 | The Wnt signal transduction pathway in stem cells and cancer cells: influence on cellular invasion. <i>Stem Cell Reviews and Reports</i> , 2007 , 3, 18-29 | 6.4 | 101 |
| 4 | MMP-2, MT1-MMP, and TIMP-2 are essential for the invasive capacity of human mesenchymal stem cells: differential regulation by inflammatory cytokines. <i>Blood</i> , 2007 , 109, 4055-63 | 2.2 | 406 |
| 3 | Wnt signaling regulates the invasion capacity of human mesenchymal stem cells. <i>Stem Cells</i> , 2006 , 24, 1892-903 | 5.8 | 133 |
| 2 | Nonviral genetic modification mediates effective transgene expression and functional RNA interference in human mesenchymal stem cells. <i>Journal of Gene Medicine</i> , 2005 , 7, 718-28 | 3.5 | 67 |
| 1 | Astrocytes and neurons share brain region-specific transcriptional signatures | | 2 |