

# Henk-Jan Prins

## List of Publications by Citations

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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.

25 papers	1,558 citations	17 h-index	25 g-index
25 ext. papers	1,721 ext. citations	5.8 avg, IF	3.95 L-index

#	Paper	IF	Citations
25	Biofabrication of osteochondral tissue equivalents by printing topologically defined, cell-laden hydrogel scaffolds. <i>Tissue Engineering - Part C: Methods</i> , <b>2012</b> , 18, 33-44	2.9	312
24	Mesenchymal stem cells induce resistance to chemotherapy through the release of platinum-induced fatty acids. <i>Cancer Cell</i> , <b>2011</b> , 20, 370-83	24.3	239
23	Trophic effects of mesenchymal stem cells in chondrocyte co-cultures are independent of culture conditions and cell sources. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 1542-51	3.9	158
22	Expansion of human mesenchymal stromal cells on microcarriers: growth and metabolism. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2010</b> , 4, 131-40	4.4	112
21	Reconstructing the human hematopoietic niche in immunodeficient mice: opportunities for studying primary multiple myeloma. <i>Blood</i> , <b>2012</b> , 120, e9-e16	2.2	92
20	In vitro induction of alkaline phosphatase levels predicts in vivo bone forming capacity of human bone marrow stromal cells. <i>Stem Cell Research</i> , <b>2014</b> , 12, 428-40	1.6	90
19	Human platelet lysate as a fetal bovine serum substitute improves human adipose-derived stromal cell culture for future cardiac repair applications. <i>Cell and Tissue Research</i> , <b>2012</b> , 348, 119-30	4.2	71
18	Bone-forming capacity of mesenchymal stromal cells when cultured in the presence of human platelet lysate as substitute for fetal bovine serum. <i>Tissue Engineering - Part A</i> , <b>2009</b> , 15, 3741-51	3.9	70
17	Bone Regeneration Using the Freshly Isolated Autologous Stromal Vascular Fraction of Adipose Tissue in Combination With Calcium Phosphate Ceramics. <i>Stem Cells Translational Medicine</i> , <b>2016</b> , 5, 1362-1374	6.9	1374 <sup>57</sup>
16	Prospective isolation of mesenchymal stem cells from multiple mammalian species using cross-reacting anti-human monoclonal antibodies. <i>Stem Cells and Development</i> , <b>2010</b> , 19, 1911-21	4.4	56
15	Luciferase labeling for multipotent stromal cell tracking in spinal fusion versus ectopic bone tissue engineering in mice and rats. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 3343-51	3.9	43
14	Effects of MSC coadministration and route of delivery on cord blood hematopoietic stem cell engraftment. <i>Cell Transplantation</i> , <b>2013</b> , 22, 1171-83	4	41
13	The impact of cell source, culture methodology, culture location, and individual donors on gene expression profiles of bone marrow-derived and adipose-derived stromal cells. <i>Stem Cells and Development</i> , <b>2013</b> , 22, 1086-96	4.4	39
12	Human maxillary sinus floor elevation as a model for bone regeneration enabling the application of one-step surgical procedures. <i>Tissue Engineering - Part B: Reviews</i> , <b>2013</b> , 19, 69-82	7.9	31
11	Trifluorothymidine resistance is associated with decreased thymidine kinase and equilibrative nucleoside transporter expression or increased secretory phospholipase A2. <i>Molecular Cancer Therapeutics</i> , <b>2010</b> , 9, 1047-57	6.1	23
10	Chondrocytes Cocultured with Stromal Vascular Fraction of Adipose Tissue Present More Intense Chondrogenic Characteristics Than with Adipose Stem Cells. <i>Tissue Engineering - Part A</i> , <b>2016</b> , 22, 336-48	3.9	19
9	Adipose tissue-derived mesenchymal stem cells as monocultures or cocultures with human umbilical vein endothelial cells: performance in vitro and in rat cranial defects. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 1026-36	5.4	19

8	Non-invasive imaging of mouse hepatitis coronavirus infection reveals determinants of viral replication and spread in vivo. <i>Cellular Microbiology</i> , <b>2009</b> , 11, 825-41	3.9	16
7	Osteogenic capacity of human BM-MSCs, AT-MSCs and their co-cultures using HUVECs in FBS and PL supplemented media. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2015</b> , 9, 779-88	4.4	14
6	The Hollow Fibre Assay as a model for in vivo pharmacodynamics of fluoropyrimidines in colon cancer cells. <i>British Journal of Cancer</i> , <b>2007</b> , 96, 61-6	8.7	14
5	A novel approach revealing the effect of a collagenous membrane on osteoconduction in maxillary sinus floor elevation with tricalcium phosphate. <i>European Cells and Materials</i> , <b>2013</b> , 25, 215-28	4.3	14
4	Bone forming capacity of cell- and growth factor-based constructs at different ectopic implantation sites. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2015</b> , 103, 439-50	5.4	13
3	Spatial distribution and survival of human and goat mesenchymal stromal cells on hydroxyapatite and tricalcium phosphate. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2016</b> , 10, 233-44	4.4	12
2	Feasibility and safety of intranasally administered mesenchymal stromal cells after perinatal arterial ischaemic stroke in the Netherlands (PASSION): a first-in-human, open-label intervention study.. <i>Lancet Neurology</i> , <i>The</i> , <b>2022</b> , 21, 528-536	24.1	3
1	The Humanized Multiple Myeloma Mouse Model: Opportunities for Studying the Pathogenesis of MM in Its Natural Environment.. <i>Blood</i> , <b>2009</b> , 114, 1847-1847	2.2	