

Henk-Jan Prins

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,878
citations

394421

19
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

3571
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofabrication of Osteochondral Tissue Equivalents by Printing Topologically Defined, Cell-Laden Hydrogel Scaffolds. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 33-44.	2.1	353
2	Mesenchymal Stem Cells Induce Resistance to Chemotherapy through the Release of Platinum-Induced Fatty Acids. <i>Cancer Cell</i> , 2011, 20, 370-383.	16.8	279
3	Trophic Effects of Mesenchymal Stem Cells in Chondrocyte Co-Cultures are Independent of Culture Conditions and Cell Sources. <i>Tissue Engineering - Part A</i> , 2012, 18, 1542-1551.	3.1	186
4	Expansion of human mesenchymal stromal cells on microcarriers: growth and metabolism. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010, 4, 131-140.	2.7	131
5	In vitro induction of alkaline phosphatase levels predicts in vivo bone forming capacity of human bone marrow stromal cells. <i>Stem Cell Research</i> , 2014, 12, 428-440.	0.7	126
6	Reconstructing the human hematopoietic niche in immunodeficient mice: opportunities for studying primary multiple myeloma. <i>Blood</i> , 2012, 120, e9-e16.	1.4	104
7	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> , 2012, 348, 119-130.	2.9	84
8	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> , 2016, 5, 1362-1374.	3.3	80
9	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> , 2009, 15, 3741-3751.	3.1	75
10	Prospective Isolation of Mesenchymal Stem Cells from Multiple Mammalian Species Using Cross-Reacting Anti-Human Monoclonal Antibodies. <i>Stem Cells and Development</i> , 2010, 19, 1911-1921.	2.1	62
11	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> , The, 2022, 21, 528-536.	10.2	50
12	Effects of MSC Coadministration and Route of Delivery on Cord Blood Hematopoietic Stem Cell Engraftment. <i>Cell Transplantation</i> , 2013, 22, 1171-1183.	2.5	47
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> , 2013, 22, 1086-1096.	2.1	45
14	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> , 2010, 16, 3343-3351.	3.1	44
15	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> , 2013, 19, 69-82.	4.8	34
16	Trifluorothymidine Resistance Is Associated with Decreased Thymidine Kinase and Equilibrative Nucleoside Transporter Expression or Increased Secretory Phospholipase A2. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1047-1057.	4.1	26
17	Adipose tissue-derived mesenchymal stem cells as monocultures or cocultures with human umbilical vein endothelial cells: Performance <i>in vitro</i> and in rat cranial defects. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1026-1036.	4.0	26
18	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> , 2016, 22, 336-348.	3.1	24

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19	The hollow fibre assay as a model for in vivo pharmacodynamics of fluoropyrimidines in colon cancer cells. <i>British Journal of Cancer</i> , 2007, 96, 61-66.	6.4	22
20	Non-invasive imaging of mouse hepatitis coronavirus infection reveals determinants of viral replication and spread <i>in vivo</i> . <i>Cellular Microbiology</i> , 2009, 11, 825-841.	2.1	19
21	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> , 2015, 9, 779-788.	2.7	17
22	Bone forming capacity of cellâ€and growth factorâ€based constructs at different ectopic implantation sites. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 439-450.	4.0	16
23	A novel approach revealing the effect of a collagenous membrane on osteoconduction in maxillary sinus floor elevation with β -tricalcium phosphate. , 2013, 25, 215-228.		16
24	Spatial distribution and survival of human and goat mesenchymal stromal cells on hydroxyapatite and β -tricalcium phosphate. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 233-244.	2.7	12
25	The Humanized Multiple Myeloma Mouse Model: Opportunities for Studying the Pathogenesis of MM in Its Natural Environment.. <i>Blood</i> , 2009, 114, 1847-1847.	1.4	0