

Alain Chapel

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.

38

papers

2,538

citations

22

h-index

44

g-index

44

ext. papers

2,745

ext. citations

4.4

avg, IF

4.15

L-index

#	Paper	IF	Citations
38	Mesenchymal stem cells home to injured tissues when co-infused with hematopoietic cells to treat a radiation-induced multi-organ failure syndrome. <i>Journal of Gene Medicine</i> , 2003 , 5, 1028-38	3.5	351
37	Local irradiation not only induces homing of human mesenchymal stem cells at exposed sites but promotes their widespread engraftment to multiple organs: a study of their quantitative distribution after irradiation damage. <i>Stem Cells</i> , 2006 , 24, 1020-9	5.8	292
36	Immunosuppressive effects of mesenchymal stem cells: involvement of HLA-G. <i>Transplantation</i> , 2007 , 84, 231-7	1.8	274
35	Homing of in vitro expanded Stro-1- or Stro-1+ human mesenchymal stem cells into the NOD/SCID mouse and their role in supporting human CD34 cell engraftment. <i>Blood</i> , 2004 , 103, 3313-9	2.2	206
34	Identification of IL-10 and TGF-beta transcripts involved in the inhibition of T-lymphocyte proliferation during cell contact with human mesenchymal stem cells. <i>Gene Expression</i> , 2007 , 13, 217-26	3.4	175
33	Leukemia inhibitory factor: Role in human mesenchymal stem cells mediated immunosuppression. <i>Cellular Immunology</i> , 2008 , 253, 16-22	4.4	140
32	Human mesenchymal stem cells favour healing of the cutaneous radiation syndrome in a xenogenic transplant model. <i>Annals of Hematology</i> , 2007 , 86, 1-8	3	112
31	Mesenchymal stem cells increase self-renewal of small intestinal epithelium and accelerate structural recovery after radiation injury. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 585, 19-30	3.6	111
30	Management of fibrosis: the mesenchymal stromal cells breakthrough. <i>Stem Cells International</i> , 2014 , 2014, 340257	5	105
29	Use of mesenchymal stem cells (MSC) in chronic inflammatory fistulizing and fibrotic diseases: a comprehensive review. <i>Clinical Reviews in Allergy and Immunology</i> , 2013 , 45, 180-92	12.3	86
28	Human induced pluripotent stem cells can reach complete terminal maturation: in vivo and in vitro evidence in the erythropoietic differentiation model. <i>Haematologica</i> , 2012 , 97, 1795-803	6.6	81
27	Aldehyde dehydrogenase activity identifies a population of human skeletal muscle cells with high myogenic capacities. <i>Molecular Therapy</i> , 2009 , 17, 1948-58	11.7	61
26	Stem cell therapies for the treatment of radiation-induced normal tissue side effects. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 338-55	8.4	56
25	Human mesenchymal stem cells provide protection against radiation-induced liver injury by antioxidative process, vasculature protection, hepatocyte differentiation, and trophic effects. <i>BioMed Research International</i> , 2013 , 2013, 151679	3	52
24	Chemosensitization by erythropoietin through inhibition of the NF-kappaB rescue pathway. <i>Oncogene</i> , 2005 , 24, 737-45	9.2	48
23	Use of reference gene expression in rat distal colon after radiation exposure: a caveat. <i>Radiation Research</i> , 2004 , 161, 597-602	3.1	45
22	New emerging concepts in the medical management of local radiation injury. <i>Health Physics</i> , 2010 , 98, 851-7	2.3	44

21	Plasma Flt-3 ligand concentration correlated with radiation-induced bone marrow damage during local fractionated radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003 , 57, 508-15	4	44
20	Mesenchymal Stem Cell Administration Attenuates Colon Cancer Progression by Modulating the Immune Component within the Colorectal Tumor Microenvironment. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 285-300	6.9	36
19	Application of autologous hematopoietic cell therapy to a nonhuman primate model of heterogeneous high-dose irradiation. <i>Radiation Research</i> , 2005 , 163, 557-70	3.1	29
18	Intravenous human mesenchymal stem cells transplantation in NOD/SCID mice preserve liver integrity of irradiation damage. <i>Methods in Molecular Biology</i> , 2012 , 826, 179-88	1.4	26
17	Gastro-intestinal autoimmunity: preclinical experiences and successful therapy of fistulizing bowel diseases and gut Graft versus host disease by mesenchymal stromal cells. <i>Immunologic Research</i> , 2013 , 56, 241-8	4.3	23
16	New insights for pelvic radiation disease treatment: Multipotent stromal cell is a promise mainstay treatment for the restoration of abdominopelvic severe chronic damages induced by radiotherapy. <i>World Journal of Stem Cells</i> , 2013 , 5, 106-11	5.6	19
15	Reinjection of ex vivo-expanded primate bone marrow mononuclear cells strongly reduces radiation-induced aplasia. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002 , 11, 549-64		18
14	Innovative cell therapy in the treatment of serious adverse events related to both chemo-radiotherapy protocol and acute myeloid leukemia syndrome: the infusion of mesenchymal stem cells post-treatment reduces hematopoietic toxicity and promotes hematopoietic reconstitution. <i>Current Pharmaceutical Biotechnology</i> , 2013 , 14, 842-8	2.6	13
13	Synergistic effect of human Bone Morphogenic Protein-2 and Mesenchymal Stromal Cells on chronic wounds through hypoxia-inducible factor-1 induction. <i>Scientific Reports</i> , 2017 , 7, 4272	4.9	11
12	The HOXB4 homeoprotein promotes the ex vivo enrichment of functional human embryonic stem cell-derived NK cells. <i>PLoS ONE</i> , 2012 , 7, e39514	3.7	10
11	Long-Term Quantitative Biodistribution and Side Effects of Human Mesenchymal Stem Cells (hMSCs) Engraftment in NOD/SCID Mice following Irradiation. <i>Stem Cells International</i> , 2014 , 2014, 939275	5.5	9
10	Fifteen years of preclinical and clinical experiences about biotherapy treatment of lesions induced by accidental irradiation and radiotherapy. <i>World Journal of Stem Cells</i> , 2013 , 5, 68-72	5.6	9
9	Targeted transfection of the IL-3 gene into primary human hematopoietic progenitor cells through the c-kit receptor. <i>Experimental Hematology</i> , 1999 , 27, 250-8	3.1	7
8	Generation of multipotent early lymphoid progenitors from human embryonic stem cells. <i>Stem Cells and Development</i> , 2014 , 23, 2983-95	4.4	6
7	gene targeting of IL-3 into immature hematopoietic cells through CD117 receptor mediated antibody gene delivery. <i>Genetic Vaccines and Therapy</i> , 2004 , 2, 16		6
6	HGF and TSG-6 Released by Mesenchymal Stem Cells Attenuate Colon Radiation-Induced Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
5	Mesenchymal stromal cell therapy to repair radiation-induced intestinal damage: implications for treatment of abdominopelvic malignancy. <i>Cytotherapy</i> , 2012 , 14, 1157-8	4.8	3
4	Gamma-irradiation does not impair ATRA-induced maturation of myeloid leukaemic cells: implication for combined radiation and differentiation therapy. <i>British Journal of Haematology</i> , 1998 , 103, 79-86	4.5	3

- 3 Development of a real-time PCR-based fluorescence assay for rapid detection of point mutations in *Pneumocystis jirovecii* dihydropteroate synthase gene. *Journal of Eukaryotic Microbiology*, **2003**, 50 Suppl, 658-60 3.6 2
- 2 CELLULES SOUCHES ET MÉDECINE RÉGÉNÉRATIVE, APPLICATION EN RADIOBIOLOGIE. *Bulletin De L'Académie Vétérinaire De France*, **2008**, 235 2
- 1 Antibodies, a Potent Tool to Target Genes into Designated Cells and Tissues **2004**, 141-155