

Alain Chapel

List of Publications by Year in descending order

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42
papers

2,962
citations

304743
22
h-index

289244
40
g-index

44
all docs

44
docs citations

44
times ranked

3908
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1028-1038.	2.8	395
2	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, 1020-1029.	3.2	330
3	Immunosuppressive Effects of Mesenchymal Stem Cells: Involvement of HLA-G. <i>Transplantation</i> , 2007, 84, 231-237.	1.0	306
4	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, 3313-3319.	1.4	231
5	Identification of IL-10 and TGF- β 2 Transcripts Involved in the Inhibition of T-Lymphocyte Proliferation During Cell Contact With Human Mesenchymal Stem Cells. <i>Gene Expression</i> , 2006, 13, 217-226.	1.2	205
6	Leukemia inhibitory factor: Role in human mesenchymal stem cells mediated immunosuppression. <i>Cellular Immunology</i> , 2008, 253, 16-22.	3.0	156
7	Management of Fibrosis: The Mesenchymal Stromal Cells Breakthrough. <i>Stem Cells International</i> , 2014, 2014, 1-26.	2.5	130
8	Mesenchymal Stem Cells Increase Self-Renewal of Small Intestinal Epithelium and Accelerate Structural Recovery after Radiation Injury. , 2006, 585, 19-30.		128
9	Human mesenchymal stem cells favour healing of the cutaneous radiation syndrome in a xenogenic transplant model. <i>Annals of Hematology</i> , 2006, 86, 1-8.	1.8	123
10	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, 1795-1803.	3.5	103
11	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, 180-192.	6.5	100
12	Aldehyde Dehydrogenase Activity Identifies a Population of Human Skeletal Muscle Cells With High Myogenic Capacities. <i>Molecular Therapy</i> , 2009, 17, 1948-1958.	8.2	72
13	Stem Cell Therapies for the Treatment of Radiation-Induced Normal Tissue Side Effects. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 338-355.	5.4	70
14	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, 1-14.	1.9	64
15	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.	3.3	61
16	NEW EMERGING CONCEPTS IN THE MEDICAL MANAGEMENT OF LOCAL RADIATION INJURY. <i>Health Physics</i> , 2010, 98, 851-857.	0.5	57
17	Chemosensitization by erythropoietin through inhibition of the NF- κ B rescue pathway. <i>Oncogene</i> , 2005, 24, 737-745.	5.9	53
18	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, 508-515.	0.8	50

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19	Use of Reference Gene Expression in Rat Distal Colon after Radiation Exposure: A Caveat. Radiation Research, 2004, 161, 597-602.	1.5	49
20	Application of Autologous Hematopoietic Cell Therapy to a Nonhuman Primate Model of Heterogeneous High-Dose Irradiation. Radiation Research, 2005, 163, 557-570.	1.5	33
21	Intravenous Human Mesenchymal Stem Cells Transplantation in NOD/SCID Mice Preserve Liver Integrity of Irradiation Damage. Methods in Molecular Biology, 2012, 826, 179-188.	0.9	29
22	Gastro-intestinal autoimmunity: preclinical experiences and successful therapy of fistulizing bowel diseases and gut Graft versus host disease by mesenchymal stromal cells. Immunologic Research, 2013, 56, 241-248.	2.9	27
23	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. World Journal of Stem Cells, 2013, 5, 106.	2.8	23
24	Reinjection of Ex Vivo "Expanded Primate Bone Marrow Mononuclear Cells Strongly Reduces Radiation-Induced Aplasia. Journal of Hematotherapy and Stem Cell Research, 2002, 11, 549-564.	1.8	20
25	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. Current Pharmaceutical Biotechnology, 2014, 14, 842-848.	1.6	18
26	Synergistic effect of human Bone Morphogenic Protein-2 and Mesenchymal Stromal Cells on chronic wounds through hypoxia-inducible factor-1 α induction. Scientific Reports, 2017, 7, 4272.	3.3	17
27	HGF and TSG-6 Released by Mesenchymal Stem Cells Attenuate Colon Radiation-Induced Fibrosis. International Journal of Molecular Sciences, 2021, 22, 1790.	4.1	16
28	Long-Term Quantitative Biodistribution and Side Effects of Human Mesenchymal Stem Cells (hMSCs) Engraftment in NOD/SCID Mice following Irradiation. Stem Cells International, 2014, 2014, 1-13.	2.5	13
29	The HOXB4 Homeoprotein Promotes the Ex Vivo Enrichment of Functional Human Embryonic Stem Cell-Derived NK Cells. PLoS ONE, 2012, 7, e39514.	2.5	12
30	Fifteen years of preclinical and clinical experiences about biotherapy treatment of lesions induced by accidental irradiation and radiotherapy. World Journal of Stem Cells, 2013, 5, 68.	2.8	11
31	Targeted transfection of the IL-3 gene into primary human hematopoietic progenitor cells through the c-kit receptor. Experimental Hematology, 1999, 27, 250-258.	0.4	7
32	Generation of Multipotent Early Lymphoid Progenitors from Human Embryonic Stem Cells. Stem Cells and Development, 2014, 23, 2983-2995.	2.1	7
33	gene targeting of IL-3 into immature hematopoietic cells through CD117 receptor mediated antibody gene delivery. Genetic Vaccines and Therapy, 2004, 2, 16.	1.5	6
34	Understanding Molecular Mechanisms and Identifying Key Processes in Chronic Radiation Cystitis. International Journal of Molecular Sciences, 2022, 23, 1836.	4.1	6
35	Gamma-irradiation does not impair ATRA-induced maturation of myeloid leukaemic cells: implication for combined radiation and differentiation therapy. British Journal of Haematology, 1998, 103, 79-86.	2.5	3
36	Mesenchymal stromal cell therapy to repair radiation-induced intestinal damage: implications for treatment of abdominopelvic malignancy. Cytotherapy, 2012, 14, 1157-1158.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Stem Cells and Irradiation. Cells, 2021, 10, 760.	4.1	3
38	Molecular Mechanisms and Key Processes in Interstitial, Hemorrhagic and Radiation Cystitis. Biology, 2022, 11, 972.	2.8	3
39	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, 658-660.	1.7	2
40	CELLULES SOUCHES ET MÃDECINE RÃGÃNÃRATIVE, APPLICATION EN RADIOBIOLOGIE. Bulletin De L'Academie Veterinaire De France, 2008, , 235.	0.0	0
41	Antibodies, a Potent Tool to Target Genes into Designated Cells and Tissues. , 2004, , 141-155.		0
42	Human Mesenchymal Stem Cells (MSC) Indirectly Preserve Liver of Irradiation Damage. The Open Gene Therapy Journal, 2009, 2, 45-50.	1.2	0