

Alain Chapel

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,962
citations

304368

22
h-index

288905

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. | 1.4 | 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. | 1.4 | 330 |
| 3 | Immunosuppressive Effects of Mesenchymal Stem Cells: Involvement of HLA-G. <i>Transplantation</i> , 2007, 84, 231-237. | 0.5 | 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. | 0.6 | 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. | 0.5 | 205 |
| 6 | Leukemia inhibitory factor: Role in human mesenchymal stem cells mediated immunosuppression. <i>Cellular Immunology</i> , 2008, 253, 16-22. | 1.4 | 156 |
| 7 | Management of Fibrosis: The Mesenchymal Stromal Cells Breakthrough. <i>Stem Cells International</i> , 2014, 2014, 1-26. | 1.2 | 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. | 0.8 | 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. | 1.7 | 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. | 2.9 | 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. | 3.7 | 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. | 2.5 | 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. | 0.9 | 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. | 1.6 | 61 |
| 16 | NEW EMERGING CONCEPTS IN THE MEDICAL MANAGEMENT OF LOCAL RADIATION INJURY. <i>Health Physics</i> , 2010, 98, 851-857. | 0.3 | 57 |
| 17 | Chemosensitization by erythropoietin through inhibition of the NF- κ B rescue pathway. <i>Oncogene</i> , 2005, 24, 737-745. | 2.6 | 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. | 0.4 | 50 |

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|----|--|-----|-----------|
| 19 | Use of Reference Gene Expression in Rat Distal Colon after Radiation Exposure: A Caveat. <i>Radiation Research</i> , 2004, 161, 597-602. | 0.7 | 49 |
| 20 | Application of Autologous Hematopoietic Cell Therapy to a Nonhuman Primate Model of Heterogeneous High-Dose Irradiation. <i>Radiation Research</i> , 2005, 163, 557-570. | 0.7 | 33 |
| 21 | Intravenous Human Mesenchymal Stem Cells Transplantation in NOD/SCID Mice Preserve Liver Integrity of Irradiation Damage. <i>Methods in Molecular Biology</i> , 2012, 826, 179-188. | 0.4 | 29 |
| 22 | 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, 241-248. | 1.3 | 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. <i>World Journal of Stem Cells</i> , 2013, 5, 106. | 1.3 | 23 |
| 24 | 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, 549-564. | 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. <i>Current Pharmaceutical Biotechnology</i> , 2014, 14, 842-848. | 0.9 | 18 |
| 26 | Synergistic effect of human Bone Morphogenic Protein-2 and Mesenchymal Stromal Cells on chronic wounds through hypoxia-inducible factor-1 β induction. <i>Scientific Reports</i> , 2017, 7, 4272. | 1.6 | 17 |
| 27 | HGF and TSG-6 Released by Mesenchymal Stem Cells Attenuate Colon Radiation-Induced Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1790. | 1.8 | 16 |
| 28 | 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, 1-13. | 1.2 | 13 |
| 29 | The HOXB4 Homeoprotein Promotes the Ex Vivo Enrichment of Functional Human Embryonic Stem Cell-Derived NK Cells. <i>PLoS ONE</i> , 2012, 7, e39514. | 1.1 | 12 |
| 30 | 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. | 1.3 | 11 |
| 31 | Targeted transfection of the IL-3 gene into primary human hematopoietic progenitor cells through the c-kit receptor. <i>Experimental Hematology</i> , 1999, 27, 250-258. | 0.2 | 7 |
| 32 | Generation of Multipotent Early Lymphoid Progenitors from Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2014, 23, 2983-2995. | 1.1 | 7 |
| 33 | 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. | 1.5 | 6 |
| 34 | Understanding Molecular Mechanisms and Identifying Key Processes in Chronic Radiation Cystitis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1836. | 1.8 | 6 |
| 35 | 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. | 1.2 | 3 |
| 36 | Mesenchymal stromal cell therapy to repair radiation-induced intestinal damage: implications for treatment of abdominopelvic malignancy. <i>Cytotherapy</i> , 2012, 14, 1157-1158. | 0.3 | 3 |

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|----|--|-----|-----------|
| 37 | Stem Cells and Irradiation. Cells, 2021, 10, 760. | 1.8 | 3 |
| 38 | Molecular Mechanisms and Key Processes in Interstitial, Hemorrhagic and Radiation Cystitis. Biology, 2022, 11, 972. | 1.3 | 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. | 0.8 | 2 |
| 40 | CELLULES SOUCHES ET MÉDECINE RÉGÉNÉRATIVE, 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 |