# Christian Jorgensen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/932092/publications.pdf

Version: 2024-02-01

| 216 | 16,344 | 15466 | 17546 |
|---|---|---|---|
| papers | citations | 65 h-index | 121 g-index |

| 227 | 227 | 227 | 20159 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Immunosuppressive effect of mesenchymal stem cells favors tumor growth in allogeneic animals. Blood, 2003, 102, 3837-3844. | 0.6 | 1,079 |
| 2 | Mesenchymal Stem Cells Inhibit the Differentiation of Dendritic Cells Through an Interleukin-6-Dependent Mechanism. Stem Cells, 2007, 25, 2025-2032. | 1.4 | 562 |
| 3 | Mesenchymal Stem Cells Inhibit Human Th17 Cell Differentiation and Function and Induce a T Regulatory Cell Phenotype. Journal of Immunology, 2010, 185, 302-312. | 0.4 | 479 |
| 4 | Mesenchymal stem cells derived exosomes and microparticles protect cartilage and bone from degradation in osteoarthritis. Scientific Reports, 2017, 7, 16214. | 1.6 | 426 |
| 5 | Immunosuppression by mesenchymal stem cells: mechanisms and clinical applications. Stem Cell Research and Therapy, 2010, 1, 2. | 2.4 | 419 |
| 6 | Cartilage engineering: a crucial combination of cells, biomaterials and biofactors. Trends in Biotechnology, 2009, 27, 307-314. | 4.9 | 408 |
| 7 | Adipose Mesenchymal Stromal Cell-Based Therapy for Severe Osteoarthritis of the Knee: A Phase I Dose-Escalation Trial. Stem Cells Translational Medicine, 2016, 5, 847-856. | 1.6 | 389 |
| 8 | Mesenchymal stem cells generate a CD4+CD25+Foxp3+ regulatory T cell population during the differentiation process of Th1 and Th17 cells. Stem Cell Research and Therapy, 2013, 4, 65. | 2.4 | 366 |
| 9 | Mesenchymal stem cells-derived exosomes are more immunosuppressive than microparticles in inflammatory arthritis. Theranostics, 2018, 8, 1399-1410. | 4.6 | 347 |
| 10 | Reversal of the immunosuppressive properties of mesenchymal stem cells by tumor necrosis factor Î± in collagen-induced arthritis. Arthritis and Rheumatism, 2005, 52, 1595-1603. | 6.7 | 344 |
| 11 | IL-6-Dependent PGE2 Secretion by Mesenchymal Stem Cells Inhibits Local Inflammation in Experimental Arthritis. PLoS ONE, 2010, 5, e14247. | 1.1 | 331 |
| 12 | Cell specific differences between human adipose-derived and mesenchymalâ€“stromal cells despite similar differentiation potentials. Experimental Cell Research, 2008, 314, 1575-1584. | 1.2 | 316 |
| 13 | Cardiac Complications Attributed to Chloroquine and Hydroxychloroquine: A Systematic Review of the Literature. Drug Safety, 2018, 41, 919-931. | 1.4 | 301 |
| 14 | Antiinflammatory and chondroprotective effects of intraarticular injection of adiposeâ€derived stem cells in experimental osteoarthritis. Arthritis and Rheumatism, 2012, 64, 3604-3613. | 6.7 | 286 |
| 15 | Mesenchymal stem cells: innovative therapeutic tools for rheumatic diseases. Nature Reviews Rheumatology, 2009, 5, 392-399. | 3.5 | 278 |
| 16 | Identification of polarized macrophage subsets in zebrafish. ELife, 2015, 4, e07288. | 2.8 | 246 |
| 17 | Concise Review: Adult Multipotent Stromal Cells and Cancer: Risk or Benefit?. Stem Cells, 2008, 26, 1387-1394. | 1.4 | 239 |
| 18 | Mesenchymal stem cells in regenerative medicine applied toÂrheumatic diseases: Role of secretome and exosomes. Biochimie, 2013, 95, 2229-2234. | 1.3 | 214 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Short-Term BMP-2 Expression Is Sufficient for In Vivo Osteochondral Differentiation of Mesenchymal Stem Cells. Stem Cells, 2004, 22, 74-85. | 1.4 | 212 |
| 20 | Mesenchymal Stem Cell-Derived Interleukin 1 Receptor Antagonist Promotes Macrophage Polarization and Inhibits B Cell Differentiation. Stem Cells, 2016, 34, 483-492. | 1.4 | 209 |
| 21 | MitoCeption as a new tool to assess the effects of mesenchymal stem/stromal cell mitochondria on cancer cell metabolism and function. Scientific Reports, 2015, 5, 9073. | 1.6 | 208 |
| 22 | Adiposeâ€Derived Mesenchymal Stem Cells Exert Antiinflammatory Effects on Chondrocytes and Synoviocytes From Osteoarthritis Patients Through Prostaglandin E<sub>2</sub>. Arthritis and Rheumatism, 2013, 65, 1271-1281. | 6.7 | 205 |
| 23 | Cartilage Tissue Engineering: Towards a Biomaterial-Assisted Mesenchymal Stem Cell Therapy. Current Stem Cell Research and Therapy, 2009, 4, 318-329. | 0.6 | 195 |
| 24 | A new autoinflammatory and autoimmune syndrome associated with NLRP1 mutations: NAIAD (NLRP1-associated autoinflammation with arthritis and dyskeratosis). Annals of the Rheumatic Diseases, 2017, 76, 1191-1198. | 0.5 | 181 |
| 25 | Transcriptional profiles discriminate bone marrow-derived and synovium-derived mesenchymal stem cells. Arthritis Research and Therapy, 2005, 7, R1304. | 1.6 | 178 |
| 26 | Efficient new cationic liposome formulation for systemic delivery of small interfering RNA silencing tumor necrosis factor Î± in experimental arthritis. Arthritis and Rheumatism, 2006, 54, 1867-1877. | 6.7 | 175 |
| 27 | p16INK4a and its regulator miR-24 link senescence and chondrocyte terminal differentiation-associated matrix remodeling in osteoarthritis. Arthritis Research and Therapy, 2014, 16, R58. | 1.6 | 175 |
| 28 | Mesenchymal Stem Cells Repress Th17 Molecular Program through the PD-1 Pathway. PLoS ONE, 2012, 7, e45272. | 1.1 | 161 |
| 29 | Downâ€regulation of interferon signature in systemic lupus erythematosus patients by active immunization with interferon Î±â€kinoid. Arthritis and Rheumatism, 2013, 65, 447-456. | 6.7 | 155 |
| 30 | Tissue engineering through autologous mesenchymal stem cells. Current Opinion in Biotechnology, 2004, 15, 406-410. | 3.3 | 150 |
| 31 | Microenvironmental changes during differentiation of mesenchymal stem cells towards chondrocytes. Arthritis Research and Therapy, 2007, 9, R33. | 1.6 | 149 |
| 32 | Mesenchymal stem cell-based therapies in regenerative medicine: applications in rheumatology. Stem Cell Research and Therapy, 2011, 2, 14. | 2.4 | 145 |
| 33 | Adipose mesenchymal stem cells protect chondrocytes from degeneration associated with osteoarthritis. Stem Cell Research, 2013, 11, 834-844. | 0.3 | 143 |
| 34 | TNF signaling and macrophages govern fin regeneration in zebrafish larvae. Cell Death and Disease, 2017, 8, e2979-e2979. | 2.7 | 141 |
| 35 | Adult onset Still's disease (AOSD) in the era of biologic therapies: Dichotomous view for cytokine and clinical expressions. Autoimmunity Reviews, 2014, 13, 1149-1159. | 2.5 | 140 |
| 36 | Multipotent mesenchymal stromal cells and immune tolerance. Leukemia and Lymphoma, 2007, 48, 1283-1289. | 0.6 | 129 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Cell Connections by Tunneling Nanotubes: Effects of Mitochondrial Trafficking on Target Cell Metabolism, Homeostasis, and Response to Therapy. Stem Cells International, 2017, 2017, 1-14. | 1.2 | 127 |
| 38 | Earlier Onset of Syngeneic Tumors in the Presence of Mesenchymal Stem Cells. Transplantation, 2006, 82, 1060-1066. | 0.5 | 122 |
| 39 | Deregulation and therapeutic potential of microRNAs in arthritic diseases. Nature Reviews Rheumatology, 2016, 12, 211-220. | 3.5 | 118 |
| 40 | Specific Lineage-Priming of Bone Marrow Mesenchymal Stem Cells Provides the Molecular Framework for Their Plasticity. Stem Cells, 2009, 27, 1142-1151. | 1.4 | 110 |
| 41 | Longâ€Term Detection of Human Adiposeâ€Derived Mesenchymal Stem Cells After Intraarticular Injection in SCID Mice. Arthritis and Rheumatism, 2013, 65, 1786-1794. | 6.7 | 106 |
| 42 | Cellular senescence impact on immune cell fate and function. Aging Cell, 2016, 15, 400-406. | 3.0 | 104 |
| 43 | Human adipose mesenchymal stem cells as potent anti-fibrosis therapy for systemic sclerosis. Journal of Autoimmunity, 2016, 70, 31-39. | 3.0 | 98 |
| 44 | Adipose-Derived Mesenchymal Stem Cells in Autoimmune Disorders: State of the Art and Perspectives for Systemic Sclerosis. Clinical Reviews in Allergy and Immunology, 2017, 52, 234-259. | 2.9 | 98 |
| 45 | The role of pharmacologically active microcarriers releasing TGF-Î²3 in cartilage formation in vivo by mesenchymal stem cells. Biomaterials, 2010, 31, 6485-6493. | 5.7 | 97 |
| 46 | Efficient suppression of murine arthritis by combined anticytokine small interfering RNA lipoplexes. Arthritis and Rheumatism, 2008, 58, 2356-2367. | 6.7 | 95 |
| 47 | Immature Dendritic Cells Suppress Collagen-Induced Arthritis by In Vivo Expansion of CD49b+ Regulatory T Cells. Journal of Immunology, 2006, 177, 3806-3813. | 0.4 | 94 |
| 48 | Mesenchymal Stem Cell-Derived Extracellular Vesicles: Opportunities and Challenges for Clinical Translation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 997. | 2.0 | 94 |
| 49 | Ofatumumab, a human antiâ€CD20 monoclonal antibody, for treatment of rheumatoid arthritis with an inadequate response to one or more diseaseâ€modifying antirheumatic drugs: Results of a randomized, doubleâ€blind, placeboâ€controlled, phase I/II study. Arthritis and Rheumatism, 2010, 62, 2227-2238. | 6.7 | 93 |
| 50 | Predictors of response and remission in a large cohort of rheumatoid arthritis patients treated with tocilizumab in clinical practice. Rheumatology, 2014, 53, 76-84. | 0.9 | 89 |
| 51 | Sox9-Regulated miRNA-574-3p Inhibits Chondrogenic Differentiation of Mesenchymal Stem Cells. PLoS ONE, 2013, 8, e62582. | 1.1 | 87 |
| 52 | Immunomodulatory Dendritic Cells Inhibit Th1 Responses and Arthritis via Different Mechanisms. Journal of Immunology, 2007, 179, 1506-1515. | 0.4 | 86 |
| 53 | Tetracycline-Inducible Interleukin-10 Gene Transfer Mediated by an Adeno-Associated Virus: Application to Experimental Arthritis. Human Gene Therapy, 2002, 13, 1179-1188. | 1.4 | 84 |
| 54 | Circulating miRNA-125b Is a Potential Biomarker Predicting Response to Rituximab in Rheumatoid Arthritis. Mediators of Inflammation, 2014, 2014, 1-9. | 1.4 | 83 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Comparative proteomic analysis of human mesenchymal and embryonic stem cells: Towards the definition of a mesenchymal stem cell proteomic signature. Proteomics, 2009, 9, 223-232. | 1.3 | 82 |
| 56 | FOXO3A Regulation by miRNA-29a Controls Chondrogenic Differentiation of Mesenchymal Stem Cells and Cartilage Formation. Stem Cells and Development, 2014, 23, 1195-1205. | 1.1 | 81 |
| 57 | PLGA-based microcarriers induce mesenchymal stem cell chondrogenesis and stimulate cartilage repair in osteoarthritis. Biomaterials, 2016, 88, 60-69. | 5.7 | 77 |
| 58 | Mesenchymal stem cell repression of Th17 cells is triggered by mitochondrial transfer. Stem Cell Research and Therapy, 2019, 10, 232. | 2.4 | 77 |
| 59 | Pathogenic or Therapeutic Extracellular Vesicles in Rheumatic Diseases: Role of Mesenchymal Stem Cell-Derived Vesicles. International Journal of Molecular Sciences, 2017, 18, 889. | 1.8 | 76 |
| 60 | Survival and Biodistribution of Xenogenic Adipose Mesenchymal Stem Cells Is Not Affected by the Degree of Inflammation in Arthritis. PLoS ONE, 2015, 10, e0114962. | 1.1 | 73 |
| 61 | Therapeutic application of mesenchymal stem cells in osteoarthritis. Expert Opinion on Biological Therapy, 2016, 16, 33-42. | 1.4 | 73 |
| 62 | Interferon Î± kinoid induces neutralizing anti-interferon Î± antibodies that decrease the expression of interferon-induced and B cell activation associated transcripts: analysis of extended follow-up data from the interferon Î± kinoid phase I/II study. Rheumatology, 2016, 55, 1901-1905. | 0.9 | 71 |
| 63 | miR-125b controls monocyte adaptation to inflammation through mitochondrial metabolism and dynamics. Blood, 2016, 128, 3125-3136. | 0.6 | 71 |
| 64 | Antifibrotic, Antioxidant, and Immunomodulatory Effects of Mesenchymal Stem Cells in HOClâ€Induced Systemic Sclerosis. Arthritis and Rheumatology, 2016, 68, 1013-1025. | 2.9 | 70 |
| 65 | Human Bone Marrow Mesenchymal Stem Cells: A Systematic Reappraisal Via the Genostem Experience. Stem Cell Reviews and Reports, 2011, 7, 32-42. | 5.6 | 69 |
| 66 | The immunosuppressive signature of menstrual blood mesenchymal stem cells entails opposite effects on experimental arthritis and graft versus host diseases. Stem Cells, 2016, 34, 456-469. | 1.4 | 69 |
| 67 | Tetracycline Transcriptional Silencer Tightly Controls Transgene Expression AfterIn VivoIntramuscular Electrotransfer: Application to Interleukin 10 Therapy in Experimental Arthritis. Human Gene Therapy, 2002, 13, 2161-2172. | 1.4 | 67 |
| 68 | Multipotent mesenchymal stromal cells and rheumatoid arthritis: risk or benefit?. Rheumatology, 2009, 48, 1185-1189. | 0.9 | 66 |
| 69 | CCL20 and Î²-Defensin-2 Induce Arrest of Human Th17 Cells on Inflamed Endothelium In Vitro under Flow Conditions. Journal of Immunology, 2011, 186, 1411-1420. | 0.4 | 64 |
| 70 | Delivery of miR-146a to Ly6C<sup>high</sup> Monocytes Inhibits Pathogenic Bone Erosion in Inflammatory Arthritis. Theranostics, 2018, 8, 5972-5985. | 4.6 | 64 |
| 71 | Antigen-specific immunomodulation of collagen-induced arthritis with tumor necrosis factor-stimulated dendritic cells. Arthritis and Rheumatism, 2004, 50, 3354-3364. | 6.7 | 63 |
| 72 | What do microRNAs mean for rheumatoid arthritis?. Arthritis and Rheumatism, 2012, 64, 11-20. | 6.7 | 63 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Systems Medicine Approaches for the Definition of Complex Phenotypes in Chronic Diseases and Ageing. From Concept to Implementation and Policies. Current Pharmaceutical Design, 2014, 20, 5928-5944. | 0.9 | 63 |
| 74 | Mesenchymal Stem Cell Derived Extracellular Vesicles in Aging. Frontiers in Cell and Developmental Biology, 2020, 8, 107. | 1.8 | 60 |
| 75 | Mesenchymal stem cells in osteoarticular diseases. Regenerative Medicine, 2011, 6, 44-51. | 0.8 | 59 |
| 76 | Increased percentage of cd3+, cd57+ lymphocytes in patients with rheumatoid arthritis. correlation with duration of disease. Arthritis and Rheumatism, 1993, 36, 608-612. | 6.7 | 58 |
| 77 | Mesenchymal stem cell senescence alleviates their intrinsic and seno-suppressive paracrine properties contributing to osteoarthritis development. Aging, 2019, 11, 9128-9146. | 1.4 | 58 |
| 78 | In vivo RNAi-mediated silencing of TAK1 decreases inflammatory Th1 and Th17 cells through targeting of myeloid cells. Blood, 2010, 116, 3505-3516. | 0.6 | 57 |
| 79 | IL-1Î² produced by aggressive breast cancer cells is one of the factors that dictate their interactions with mesenchymal stem cells through chemokine production. Oncotarget, 2015, 6, 29034-29047. | 0.8 | 56 |
| 80 | Impact of microRNAs on the understanding and treatment of rheumatoid arthritis. Current Opinion in Rheumatology, 2013, 25, 225-233. | 2.0 | 55 |
| 81 | X-Linked miRNAs Associated with Gender Differences in Rheumatoid Arthritis. International Journal of Molecular Sciences, 2016, 17, 1852. | 1.8 | 55 |
| 82 | Comparison between Stromal Vascular Fraction and Adipose Mesenchymal Stem Cells in Remodeling Hypertrophic Scars. PLoS ONE, 2016, 11, e0156161. | 1.1 | 55 |
| 83 | Efficacy and safety of tocilizumab in elderly patients with rheumatoid arthritis. Joint Bone Spine, 2015, 82, 25-30. | 0.8 | 54 |
| 84 | Engineered mesenchymal stem cells for cartilage repair. Regenerative Medicine, 2006, 1, 529-537. | 0.8 | 53 |
| 85 | TGFBI secreted by mesenchymal stromal cells ameliorates osteoarthritis and is detected in extracellular vesicles. Biomaterials, 2020, 226, 119544. | 5.7 | 53 |
| 86 | Interleukin-8 Expression Is Regulated by Histone Deacetylases through the Nuclear Factor-ÎºB Pathway in Breast Cancer. Molecular Pharmacology, 2008, 74, 1359-1366. | 1.0 | 52 |
| 87 | Type 1 regulatory T cells specific for collagen type II as an efficient cell-based therapy in arthritis. Arthritis Research and Therapy, 2014, 16, R115. | 1.6 | 52 |
| 88 | Advances in Research in Animal Models of Burn-Related Hypertrophic Scarring. Journal of Burn Care and Research, 2015, 36, e259-e266. | 0.2 | 52 |
| 89 | Injection of Adipose-Derived Stromal Cells in the Knee of Patients with Severe Osteoarthritis has a Systemic Effect and Promotes an Anti-Inflammatory Phenotype of Circulating Immune Cells. Theranostics, 2018, 8, 5519-5528. | 4.6 | 51 |
| 90 | Mesenchymal Stem Cells in Systemic Sclerosis: Allogenic or Autologous Approaches for Therapeutic Use?. Frontiers in Immunology, 2018, 9, 2938. | 2.2 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Paradoxical effects of tissue inhibitor of metalloproteinases 1 gene transfer in collagen-induced arthritis. Arthritis and Rheumatism, 2001, 44, 1444-1454. | 6.7 | 47 |
| 92 | Response to Tocilizumab in Rheumatoid Arthritis Is Not Influenced by the Body Mass Index of the Patient. Journal of Rheumatology, 2015, 42, 580-584. | 1.0 | 47 |
| 93 | Micro-CT combined with bioluminescence imaging: A dynamic approach to detect early tumorâ€“bone interaction in a tumor osteolysis murine model. Bone, 2007, 40, 1032-1040. | 1.4 | 46 |
| 94 | Gene Expression Profile of Multipotent Mesenchymal Stromal Cells: Identification of Pathways Common to TGFÎ²3/BMP2-Induced Chondrogenesis. Cloning and Stem Cells, 2009, 11, 61-76. | 2.6 | 46 |
| 95 | Transcriptomic Network Support Distinct Roles of Classical and Non-Classical Monocytes in Human. International Reviews of Immunology, 2014, 33, 470-489. | 1.5 | 45 |
| 96 | In Vivo Osteoprogenitor Potency of Human Stromal Cells from Different Tissues Does Not Correlate with Expression of POU5F1 or Its Pseudogenes. Stem Cells, 2008, 26, 2419-2424. | 1.4 | 43 |
| 97 | siRNA-based therapeutic approaches for rheumatic diseases. Nature Reviews Rheumatology, 2013, 9, 56-62. | 3.5 | 43 |
| 98 | HIF1Î±â€dependent metabolic reprogramming governs mesenchymal stem/stromal cell immunoregulatory functions. FASEB Journal, 2020, 34, 8250-8264. | 0.2 | 42 |
| 99 | Antitumoral Activity and Osteogenic Potential of Mesenchymal Stem Cells Expressing the Urokinase-Type Plasminogen Antagonist Amino-Terminal Fragment in a Murine Model of Osteolytic Tumor. Stem Cells, 2008, 26, 2981-2990. | 1.4 | 40 |
| 100 | The control of dendritic cell maturation by pH-sensitive polyion complex micelles. Biomaterials, 2009, 30, 233-241. | 5.7 | 40 |
| 101 | MicroRNAs as new player in rheumatoid arthritis. Joint Bone Spine, 2011, 78, 17-22. | 0.8 | 39 |
| 102 | Skin fibroblasts are potent suppressors of inflammation in experimental arthritis. Annals of the Rheumatic Diseases, 2011, 70, 1671-1676. | 0.5 | 38 |
| 103 | Nicotinamide phosphoribosyltransferase/visfatin expression by inflammatory monocytes mediates arthritis pathogenesis. Annals of the Rheumatic Diseases, 2013, 72, 1717-1724. | 0.5 | 38 |
| 104 | MicroRNA Profiling of B Cell Subsets from Systemic Lupus Erythematosus Patients Reveals Promising Novel Biomarkers. International Journal of Molecular Sciences, 2015, 16, 16953-16965. | 1.8 | 33 |
| 105 | Mesenchymal Stem Cells Direct the Immunological Fate of Macrophages. Results and Problems in Cell Differentiation, 2017, 62, 61-72. | 0.2 | 33 |
| 106 | RNA interference-based gene therapy for successful treatment of rheumatoid arthritis. Expert Opinion on Biological Therapy, 2009, 9, 535-538. | 1.4 | 32 |
| 107 | Handgrip strength measured by a dynamometer connected to a smartphone: a new applied health technology solution for the self-assessment of rheumatoid arthritis disease activity. Rheumatology, 2016, 55, 897-901. | 0.9 | 32 |
| 108 | Thrombospondin-1 Partly Mediates the Cartilage Protective Effect of Adipose-Derived Mesenchymal Stem Cells in Osteoarthritis. Frontiers in Immunology, 2017, 8, 1638. | 2.2 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Adenoâ€associated virus type 5â€“mediated intraarticular administration of tumor necrosis factor small interfering RNA improves collagenâ€induced arthritis. Arthritis and Rheumatism, 2010, 62, 765-770. | 6.7 | 30 |
| 110 | Utility of a Mouse Model of Osteoarthritis to Demonstrate Cartilage Protection by IFNÎ³-Primed Equine Mesenchymal Stem Cells. Frontiers in Immunology, 2016, 7, 392. | 2.2 | 30 |
| 111 | Tocilizumab induces corticosteroid sparing in rheumatoid arthritis patients in clinical practice. Rheumatology, 2015, 54, 672-677. | 0.9 | 29 |
| 112 | Mesenchymal stromal cells-derived extracellular vesicles alleviate systemic sclerosis via miR-29a-3p. Journal of Autoimmunity, 2021, 121, 102660. | 3.0 | 29 |
| 113 | Transient down-regulation of cbfa1/Runx2 by RNA interference in murine C3H10T1/2 mesenchymal stromal cells delays in vitro and in vivo osteogenesis, but does not overtly affect chondrogenesis. Experimental Cell Research, 2008, 314, 1495-1506. | 1.2 | 28 |
| 114 | Multipotent mesenchymal stromal cells in articular diseases. Best Practice and Research in Clinical Rheumatology, 2008, 22, 269-284. | 1.4 | 28 |
| 115 | Involvement of Angiopoietin-like 4 in Matrix Remodeling during Chondrogenic Differentiation of Mesenchymal Stem Cells. Journal of Biological Chemistry, 2014, 289, 8402-8412. | 1.6 | 28 |
| 116 | Mechanisms behind the Immunoregulatory Dialogue between Mesenchymal Stem Cells and Th17 Cells. Cells, 2020, 9, 1660. | 1.8 | 28 |
| 117 | Adoptive transfer of IL-10-secreting CD4+CD49b+ regulatory T cells suppresses ongoing arthritis. Journal of Autoimmunity, 2010, 34, 390-399. | 3.0 | 27 |
| 118 | TGF beta1 polymorphisms are candidate predictors of the clinical response to rituximab in rheumatoid arthritis. Joint Bone Spine, 2012, 79, 471-475. | 0.8 | 27 |
| 119 | Fibrosis Development in HOCl-Induced Systemic Sclerosis: A Multistage Process Hampered by Mesenchymal Stem Cells. Frontiers in Immunology, 2018, 9, 2571. | 2.2 | 27 |
| 120 | IL17/IL17RA as a Novel Signaling Axis Driving Mesenchymal Stem Cell Therapeutic Function in Experimental Autoimmune Encephalomyelitis. Frontiers in Immunology, 2018, 9, 802. | 2.2 | 27 |
| 121 | A randomized prospective open-label controlled trial comparing the performance of a connected monitoring interface versus physical routine monitoring in patients with rheumatoid arthritis. Rheumatology, 2021, 60, 1659-1668. | 0.9 | 27 |
| 122 | Extracellular vesicles from mesenchymal stromal cells: Therapeutic perspectives for targeting senescence in osteoarthritis. Advanced Drug Delivery Reviews, 2021, 175, 113836. | 6.6 | 27 |
| 123 | Feline Immunodeficiency Virus Vectors for Efficient Transduction of Primary Human Synoviocytes: Application to an Original Model of Rheumatoid Arthritis. Human Gene Therapy, 2004, 15, 588-596. | 1.4 | 25 |
| 124 | Adipose Mesenchymal Stem Cells Isolated after Manual or Water-jet-Assisted Liposuction Display Similar Properties. Frontiers in Immunology, 2015, 6, 655. | 2.2 | 24 |
| 125 | Musculoskeletal Progenitor/Stromal Cell-Derived Mitochondria Modulate Cell Differentiation and Therapeutical Function. Frontiers in Immunology, 2021, 12, 606781. | 2.2 | 24 |
| 126 | Primary allogeneic mitochondrial mix (PAMM) transfer/transplant by MitoCeption to address damage in PBMCs caused by ultraviolet radiation. BMC Biotechnology, 2019, 19, 42. | 1.7 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Roles of Mesenchymal Cells in the Lung: From Lung Development to Chronic Obstructive Pulmonary Disease. Cells, 2021, 10, 3467. | 1.8 | 23 |
| 128 | miR-125b and miR-532-3p predict the efficiency of rituximab-mediated lymphodepletion in chronic lymphocytic leukemia patients. A French Innovative Leukemia Organization study. Haematologica, 2017, 102, 746-754. | 1.7 | 22 |
| 129 | MitoCeption: Transferring Isolated Human MSC Mitochondria to Glioblastoma Stem Cells. Journal of Visualized Experiments, 2017, , . | 0.2 | 22 |
| 130 | Secreted Î±-Klotho maintains cartilage tissue homeostasis by repressing NOS2 and ZIP8-MMP13 catabolic axis. Aging, 2018, 10, 1442-1453. | 1.4 | 22 |
| 131 | miRNAs and rheumatoid arthritis - promising novel biomarkers. Swiss Medical Weekly, 2011, 141, w13175. | 0.8 | 22 |
| 132 | Transcriptomic Analysis Identifies Foxo3A as a Novel Transcription Factor Regulating Mesenchymal Stem Cell Chrondrogenic Differentiation. Cloning and Stem Cells, 2009, 11, 407-416. | 2.6 | 21 |
| 133 | Development of tripartite polyion micelles for efficient peptide delivery into dendritic cells without altering their plasticity. Journal of Controlled Release, 2011, 154, 156-163. | 4.8 | 21 |
| 134 | Development and Validation of a Self-Administered Multidimensional Prognostic Index to Predict Negative Health Outcomes in Community-Dwelling Persons. Rejuvenation Research, 2019, 22, 299-305. | 0.9 | 20 |
| 135 | Cell surface CCR5 density determines the intensity of T cell migration towards rheumatoid arthritis synoviocytes. Clinical Immunology, 2007, 123, 148-154. | 1.4 | 19 |
| 136 | Isolation of functional autologous collagen-II specific IL-10 producing Tr1 cell clones from rheumatoid arthritis blood. International Immunopharmacology, 2011, 11, 1074-1078. | 1.7 | 19 |
| 137 | Development of an Equine Groove Model to Induce Metacarpophalangeal Osteoarthritis: A Pilot Study on 6 Horses. PLoS ONE, 2015, 10, e0115089. | 1.1 | 19 |
| 138 | Mesenchymal stem cells seeded on a human amniotic membrane improve liver regeneration and mouse survival after extended hepatectomy. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1062-1073. | 1.3 | 19 |
| 139 | Treatment of refractory adult onset Stillâ€™s disease with combination anakinra and baricitinib therapy. Rheumatology, 2019, 58, 736-737. | 0.9 | 19 |
| 140 | The ATP synthase inhibition induces an AMPK-dependent glycolytic switch of mesenchymal stem cells that enhances their immunotherapeutic potential. Theranostics, 2021, 11, 445-460. | 4.6 | 19 |
| 141 | In Vitro Human Joint Models Combining Advanced 3D Cell Culture and Cutting-Edge 3D Bioprinting Technologies. Cells, 2021, 10, 596. | 1.8 | 19 |
| 142 | Mesenchymal stem cells immunosuppressive properties: is it specific to bone marrow-derived cells?. Stem Cell Research and Therapy, 2010, 1, 15. | 2.4 | 18 |
| 143 | Synovial-Fluid miRNA Signature for Diagnosis of Juvenile Idiopathic Arthritis. Cells, 2019, 8, 1521. | 1.8 | 18 |
| 144 | A single nucleotide polymorphism of IL6-receptor is associated with response to tocilizumab in rheumatoid arthritis patients. Pharmacogenomics Journal, 2019, 19, 368-374. | 0.9 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Mesenchymal Stromal Cell-Derived Extracellular Vesicles Regulate the Mitochondrial Metabolism via Transfer of miRNAs. Frontiers in Immunology, 2021, 12, 623973. | 2.2 | 18 |
| 146 | Mesenchymal stem cells in arthritis: role of bone marrow microenvironment. Arthritis Research and Therapy, 2010, 12, 135. | 1.6 | 17 |
| 147 | Duplication 8q12: confirmation of a novel recognizable phenotype with duane retraction syndrome and developmental delay. European Journal of Human Genetics, 2012, 20, 580-583. | 1.4 | 17 |
| 148 | Biotherapeutic potential of microRNAs in rheumatic diseases. Nature Reviews Rheumatology, 2013, 9, 76-78. | 3.5 | 17 |
| 149 | Contribution of microRNAs to the immunosuppressive function of mesenchymal stem cells. Biochimie, 2018, 155, 109-118. | 1.3 | 17 |
| 150 | iNOS Activity Is Required for the Therapeutic Effect of Mesenchymal Stem Cells in Experimental Systemic Sclerosis. Frontiers in Immunology, 2018, 9, 3056. | 2.2 | 16 |
| 151 | The Challenges of Telemedicine in Rheumatology. Frontiers in Medicine, 2021, 8, 746219. | 1.2 | 16 |
| 152 | Prospects for gene therapy in inflammatory arthritis. Best Practice and Research in Clinical Rheumatology, 2010, 24, 541-552. | 1.4 | 15 |
| 153 | Tissue-specific and SRSF1-dependent splicing of fibronectin, a matrix protein that controls host cell invasion. Molecular Biology of the Cell, 2013, 24, 3164-3176. | 0.9 | 15 |
| 154 | Nonclassical CD4+CD49b+ Regulatory T Cells as a Better Alternative to Conventional CD4+CD25+ T Cells To Dampen Arthritis Severity. Journal of Immunology, 2016, 196, 298-309. | 0.4 | 15 |
| 155 | Biphasic Temporal Relationship between Cancers and Systemic Sclerosis: A Clinical Series from Montpellier University Hospital and Review of the Literature. Journal of Clinical Medicine, 2020, 9, 853. | 1.0 | 15 |
| 156 | Efficacy of Tocilizumab in the treatment of Eosinophilic fasciitis: Report of one case. Joint Bone Spine, 2015, 82, 460-461. | 0.8 | 14 |
| 157 | Perspectives of ofatumumab as CD20 targeted therapy in rheumatoid arthritis and other autoimmune diseases. Immunotherapy, 2016, 8, 1091-1096. | 1.0 | 14 |
| 158 | Serum-Mediated Oxidative Stress from Systemic Sclerosis Patients Affects Mesenchymal Stem Cell Function. Frontiers in Immunology, 2017, 8, 988. | 2.2 | 14 |
| 159 | Proâ€resolving mediator protectin D1 promotes epimorphic regeneration by controlling immune cell function in vertebrates. British Journal of Pharmacology, 2020, 177, 4055-4073. | 2.7 | 14 |
| 160 | Inhibition of Osteoarthritis by Adiposeâ€Derived Stromal Cells Overexpressing Fraâ€1 in Mice. Arthritis and Rheumatology, 2016, 68, 138-151. | 2.9 | 13 |
| 161 | Association of TRAF1-C5 with risk of uveitis in juvenile idiopathic arthritis. Joint Bone Spine, 2017, 84, 305-308. | 0.8 | 13 |
| 162 | Gilz-Activin A as a Novel Signaling Axis Orchestrating Mesenchymal Stem Cell and Th17 Cell Interplay. Theranostics, 2018, 8, 846-859. | 4.6 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Lung Fibrosis Is Improved by Extracellular Vesicles from IFNÎ³-Primed Mesenchymal Stromal Cells in Murine Systemic Sclerosis. Cells, 2021, 10, 2727. | 1.8 | 12 |
| 164 | Mesenchymal Stromal Cells in Osteoarthritis: Evidence for Structural Benefit and Cartilage Repair. Biomedicines, 2022, 10, 1278. | 1.4 | 12 |
| 165 | Peripheral blood T4 cell surface CCR5 density as a marker of activity in rheumatoid arthritis treated with antiâ€CD20 monoclonal antibody. Immunology, 2009, 128, e738-45. | 2.0 | 11 |
| 166 | Adipose derived stem cells for regenerative therapy in osteoarticular diseases. Hormone Molecular Biology and Clinical Investigation, 2016, 28, 113-120. | 0.3 | 11 |
| 167 | Mastitis associated with SjÃ¶grenâ€™s syndrome: a series of nine cases. Immunologic Research, 2017, 65, 218-229. | 1.3 | 11 |
| 168 | Paracrine Potential of the Human Adipose Tissue-Derived Stem Cells to Modulate Balance between Matrix Metalloproteinases and Their Inhibitors in the Osteoarthritic Cartilage In Vitro. Stem Cells International, 2017, 2017, 1-13. | 1.2 | 11 |
| 169 | Poor efficacy of TNF inhibitors in non-radiographic axial spondyloarthritis in the absence of objective signs: A bicentric retrospective study. Joint Bone Spine, 2018, 85, 461-468. | 0.8 | 11 |
| 170 | Long-term corticosteroid use and dietary advice: a qualitative analysis of the difficulties encountered by patient. BMC Health Services Research, 2019, 19, 255. | 0.9 | 11 |
| 171 | Tripartite siRNA micelles as controlled delivery systems for primary dendritic cells. Drug Development and Industrial Pharmacy, 2009, 35, 950-958. | 0.9 | 10 |
| 172 | Where to Stand with Stromal Cells and Chronic Synovitis in Rheumatoid Arthritis?. Cells, 2019, 8, 1257. | 1.8 | 10 |
| 173 | The Role of Macrophages During Zebrafish Injury and Tissue Regeneration Under Infectious and Non-Infectious Conditions. Frontiers in Immunology, 2021, 12, 707824. | 2.2 | 10 |
| 174 | NRG1/ErbB signalling controls the dialogue between macrophages and neural crest-derived cells during zebrafish fin regeneration. Nature Communications, 2021, 12, 6336. | 5.8 | 10 |
| 175 | TMEM187-IRAK1Polymorphisms Associated with Rheumatoid Arthritis Susceptibility in Tunisian and French Female Populations: Influence of Geographic Origin. Journal of Immunology Research, 2017, 2017, 1-12. | 0.9 | 9 |
| 176 | Seno-suppressive molecules as new therapeutic perspectives in rheumatic diseases. Biochemical Pharmacology, 2019, 165, 126-133. | 2.0 | 9 |
| 177 | Extracellular Vesicles Are More Potent Than Adipose Mesenchymal Stromal Cells to Exert an Anti-Fibrotic Effect in an In Vitro Model of Systemic Sclerosis. International Journal of Molecular Sciences, 2021, 22, 6837. | 1.8 | 9 |
| 178 | Quantitative imaging of cartilage and bone for functional assessment of gene therapy approaches in experimental arthritis. Journal of Tissue Engineering and Regenerative Medicine, 2010, 4, 387-394. | 1.3 | 8 |
| 179 | Management of patients with rheumatoid arthritis by telemedicine: connected monitoring. A randomized controlled trial. Joint Bone Spine, 2022, 89, 105368. | 0.8 | 8 |
| 180 | Anti-neutrophil cytoplasmic antibodies in rheumatoid arthritis: two case reports and review of literature. Allergy, Asthma and Clinical Immunology, 2012, 8, 19. | 0.9 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | TNFRII polymorphism is associated with response to TNF blockers in rheumatoid arthritis patients seronegative for ACPA. Joint Bone Spine, 2014, 81, 370-372. | 0.8 | 7 |
| 182 | Promyelocytic leukemia zinc-finger induction signs mesenchymal stem cell commitment: identification of a key marker for stemness maintenance?. Stem Cell Research and Therapy, 2014, 5, 27. | 2.4 | 7 |
| 183 | PPARÎ²/Î´: A master regulator of mesenchymal stem cell functions. Biochimie, 2017, 136, 55-58. | 1.3 | 7 |
| 184 | Arthritis sensory and motor scale: predicting functional deficits from the clinical score in collagen-induced arthritis. Arthritis Research and Therapy, 2019, 21, 264. | 1.6 | 7 |
| 185 | miR-155 Contributes to the Immunoregulatory Function of Human Mesenchymal Stem Cells. Frontiers in Immunology, 2021, 12, 624024. | 2.2 | 7 |
| 186 | Mesenchymal stem cells: Uses in osteoarthritis. Joint Bone Spine, 2013, 80, 565-567. | 0.8 | 6 |
| 187 | Dysspondyloenchondromatosis without COL2A1 mutation: Possible genetic heterogeneity. American Journal of Medical Genetics, Part A, 2014, 164, 769-773. | 0.7 | 6 |
| 188 | Pyrroline-5-Carboxylate Reductase 1 Directs the Cartilage Protective and Regenerative Potential of Murphy Roths Large Mouse Mesenchymal Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 604756. | 1.8 | 6 |
| 189 | RNAi in arthritis: prospects of a future antisense therapy in inflammation. Current Opinion in Molecular Therapeutics, 2007, 9, 483-9. | 2.8 | 6 |
| 190 | Versatile polyion complex micelles for peptide and siRNA vectorization to engineer tolerogenic dendritic cells. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 92, 216-227. | 2.0 | 5 |
| 191 | MANF Produced by MRL Mouse-Derived Mesenchymal Stem Cells Is Pro-regenerative and Protects From Osteoarthritis. Frontiers in Cell and Developmental Biology, 2021, 9, 579951. | 1.8 | 5 |
| 192 | Neuromedin B promotes chondrocyte differentiation of mesenchymal stromal cells via calcineurin and calcium signaling. Cell and Bioscience, 2021, 11, 183. | 2.1 | 5 |
| 193 | Exploring Macrophage-Dependent Wound Regeneration During Mycobacterial Infection in Zebrafish. Frontiers in Immunology, 2022, 13, 838425. | 2.2 | 5 |
| 194 | Mesenchymal Stromal Cells: Updates and Therapeutic Outlook in Rheumatic Diseases. Journal of Clinical Medicine, 2013, 2, 201-213. | 1.0 | 3 |
| 195 | From the Basis of Epimorphic Regeneration to Enhanced Regenerative Therapies. Frontiers in Cell and Developmental Biology, 2020, 8, 605120. | 1.8 | 3 |
| 196 | Pro-regenerative Dialogue Between Macrophages and Mesenchymal Stem/Stromal Cells in Osteoarthritis. Frontiers in Cell and Developmental Biology, 2021, 9, 718938. | 1.8 | 3 |
| 197 | Two Dimensional Gel Electrophoresis Analysis of Mesenchymal Stem Cells. Methods in Molecular Biology, 2011, 698, 431-442. | 0.4 | 3 |
| 198 | Early evidence of the artificial transfer/transplant of mitochondria to oocytes and zygotes by MitoCeption. Mitochondrion, 2022, , . | 1.6 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Unusual seminoma revealed by bone metastasis. Joint Bone Spine, 2011, 78, 644-645. | 0.8 | 2 |
| 200 | Therapeutic mesenchymal stem or stromal cells in rheumatic diseases: rationale, clinical data and perspectives. Clinical Investigation, 2011, 1, 1269-1277. | 0.0 | 2 |
| 201 | Mesenchymal Stem Cell-Based Therapy of Osteoarthritis. , 2019, , 87-109. | | 2 |
| 202 | Osteoarthritis in time for senotherapeutics. Joint Bone Spine, 2021, 88, 105084. | 0.8 | 2 |
| 203 | Editorial: The Role of Metabolism in MSC-Mediated Immunomodulation. Frontiers in Immunology, 2021, 12, 751865. | 2.2 | 2 |
| 204 | Mesenchymal stem cells repress Th17 molecular program through the PD-1 pathway. Journal of Translational Medicine, 2012, 10, P16. | 1.8 | 1 |
| 205 | Acute Inflammatory Myalgia: Think of Myositis Ossificans Circumscripta. Journal of Rheumatology, 2013, 40, 1614-1615. | 1.0 | 1 |
| 206 | Reply. Arthritis and Rheumatology, 2016, 68, 2348-2350. | 2.9 | 1 |
| 207 | Role of Tunneling Nanotubules in the Cross-Talk Between Mesenchymal Stem Cells and Their Target Cells. Current Stem Cell Reports, 2019, 5, 53-56. | 0.7 | 1 |
| 208 | Longitudinal immunomonitoring following Tocilizumab in rheumatoid arthritis. Journal of Translational Medicine, 2011, 9, . | 1.8 | 0 |
| 209 | Targeted delivery to inflammatory monocytes for efficient RNAi-mediated immuno-intervention in auto-immune arthritis. Journal of Translational Medicine, 2011, 9, P38. | 1.8 | 0 |
| 210 | Genetic markers in clinical subtypes of juvenile idiopathic arthritis. Journal of Translational Medicine, 2011, 9, . | 1.8 | 0 |
| 211 | NAMPT/Visfatin expression by inflammatory monocytes mediates arthritis pathogenesis by promoting IL-17â€“producing T cells. Journal of Translational Medicine, 2012, 10, . | 1.8 | 0 |
| 212 | Inducible Treg cell populations as cell based-therapy for rheumatoid arthritis. Journal of Translational Medicine, 2012, 10, . | 1.8 | 0 |
| 213 | Discontinuation of etanercept after clinical remission in patients with juvenile idiopathic arthritis. Pediatric Rheumatology, 2012, 10, . | 0.9 | 0 |
| 214 | Le polymorphisme du TNFRII est associÃ© Ã  la rÃ©ponse aux anti-TNFÎ± dans la polyarthrite rhumatoÃ¯de chez les patients sans anticorps anti-CCP. Revue Du Rhumatisme (Edition Francaise), 2014, 81, 349-351. | 0.0 | 0 |
| 215 | MÃ©decine rÃ©gÃ©nÃ©rative de la gonarthroseÂ: mythe ou rÃ©alitÃ©Â?. Revue Du Rhumatisme Monographies, 2016, 83, 162-165. | 0.0 | 0 |
| 216 | Gene therapy for arthritis. , 2010, , 1-18. | | 0 |