

# Jacques Galipeau

## List of Publications by Citations

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229  
papers

11,226  
citations

54  
h-index

101  
g-index

271  
ext. papers

12,743  
ext. citations

5.4  
avg, IF

6.76  
L-index

#	Paper	IF	Citations
229	Mesenchymal Stromal Cells: Clinical Challenges and Therapeutic Opportunities. <i>Cell Stem Cell</i> , <b>2018</b> , 22, 824-833	18	735
228	Human MSC suppression correlates with cytokine induction of indoleamine 2,3-dioxygenase and bystander M2 macrophage differentiation. <i>Molecular Therapy</i> , <b>2012</b> , 20, 187-95	11.7	452
227	Allogeneic marrow stromal cells are immune rejected by MHC class I- and class II-mismatched recipient mice. <i>Blood</i> , <b>2005</b> , 106, 4057-65	2.2	450
226	Airway delivery of mesenchymal stem cells prevents arrested alveolar growth in neonatal lung injury in rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 180, 1131-42	10.2	360
225	Marrow stromal cells for cellular cardiomyoplasty: feasibility and potential clinical advantages. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2000</b> , 120, 999-1005	1.5	327
224	The mesenchymal stromal cells dilemma--does a negative phase III trial of random donor mesenchymal stromal cells in steroid-resistant graft-versus-host disease represent a death knell or a bump in the road?. <i>Cytotherapy</i> , <b>2013</b> , 15, 2-8	4.8	312
223	Mesenchymal stromal cells ameliorate experimental autoimmune encephalomyelitis by inhibiting CD4 Th17 T cells in a CC chemokine ligand 2-dependent manner. <i>Journal of Immunology</i> , <b>2009</b> , 182, 5994-6002	5.3	297
222	Immunological characterization of multipotent mesenchymal stromal cells--The International Society for Cellular Therapy (ISCT) working proposal. <i>Cytotherapy</i> , <b>2013</b> , 15, 1054-61	4.8	285
221	International Society for Cellular Therapy perspective on immune functional assays for mesenchymal stromal cells as potency release criterion for advanced phase clinical trials. <i>Cytotherapy</i> , <b>2016</b> , 18, 151-9	4.8	278
220	Interferon-gamma-stimulated marrow stromal cells: a new type of nonhematopoietic antigen-presenting cell. <i>Blood</i> , <b>2006</b> , 107, 2570-7	2.2	272
219	Hypoxia promotes murine bone-marrow-derived stromal cell migration and tube formation. <i>Stem Cells</i> , <b>2003</b> , 21, 337-47	5.8	251
218	Cryopreserved mesenchymal stromal cells display impaired immunosuppressive properties as a result of heat-shock response and impaired interferon- $\gamma$ licensing. <i>Cytotherapy</i> , <b>2012</b> , 14, 147-52	4.8	237
217	Cytokine modulation of TLR expression and activation in mesenchymal stromal cells leads to a proinflammatory phenotype. <i>Journal of Immunology</i> , <b>2009</b> , 182, 7963-73	5.3	226
216	In vivo selection of retrovirally transduced hematopoietic stem cells. <i>Nature Medicine</i> , <b>1998</b> , 4, 1136-43	50.5	191
215	Postnatal bone marrow stromal cells elicit a potent VEGF-dependent neoangiogenic response in vivo. <i>Gene Therapy</i> , <b>2003</b> , 10, 621-9	4	183
214	IDO-independent suppression of T cell effector function by IFN- $\gamma$ -licensed human mesenchymal stromal cells. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1491-501	5.3	177
213	Transduction of Murine Bone Marrow Cells With an MDR1 Vector Enables Ex Vivo Stem Cell Expansion, but These Expanded Grafts Cause a Myeloproliferative Syndrome in Transplanted Mice. <i>Blood</i> , <b>1998</b> , 92, 2269-2279	2.2	177

212	Mesenchymal stromal cell-derived CCL2 suppresses plasma cell immunoglobulin production via STAT3 inactivation and PAX5 induction. <i>Blood</i> , <b>2008</b> , 112, 4991-8	2.2	174
211	Regulation of MHC class II expression and antigen processing in murine and human mesenchymal stromal cells by IFN-gamma, TGF-beta, and cell density. <i>Journal of Immunology</i> , <b>2007</b> , 179, 1549-58	5.3	174
210	Retroviral delivery of connexin genes to human breast tumor cells inhibits in vivo tumor growth by a mechanism that is independent of significant gap junctional intercellular communication. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 29132-8	5.4	168
209	Therapeutic angiogenesis using autologous bone marrow stromal cells: improved blood flow in a chronic limb ischemia model. <i>Annals of Thoracic Surgery</i> , <b>2003</b> , 75, 204-9	2.7	158
208	Periostin, a member of a novel family of vitamin K-dependent proteins, is expressed by mesenchymal stromal cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 17991-8001	5.4	126
207	Mechanisms of immune modulation by mesenchymal stromal cells and clinical translation. <i>Current Molecular Medicine</i> , <b>2013</b> , 13, 856-67	2.5	120
206	Mesenchymal stromal cells cross-present soluble exogenous antigens as part of their antigen-presenting cell properties. <i>Blood</i> , <b>2009</b> , 114, 2632-8	2.2	117
205	A granulocyte-macrophage colony-stimulating factor and interleukin-15 fusokine induces a regulatory B cell population with immune suppressive properties. <i>Nature Medicine</i> , <b>2009</b> , 15, 1038-45	50.5	110
204	Allogeneic mesenchymal stem cells for treatment of experimental autoimmune encephalomyelitis. <i>Molecular Therapy</i> , <b>2009</b> , 17, 1799-803	11.7	108
203	Cell-based therapeutic strategies for multiple sclerosis. <i>Brain</i> , <b>2017</b> , 140, 2776-2796	11.2	102
202	Inhibition of cellular senescence by developmentally regulated FGF receptors in mesenchymal stem cells. <i>Blood</i> , <b>2011</b> , 117, 6801-12	2.2	100
201	Cryopreserved Mesenchymal Stromal Cells Are Susceptible to T-Cell Mediated Apoptosis Which Is Partly Rescued by IFN $\gamma$ Licensing. <i>Stem Cells</i> , <b>2016</b> , 34, 2429-42	5.8	94
200	Endothelial NO-Synthase Gene-Enhanced Progenitor Cell Therapy for Pulmonary Arterial Hypertension: The PHACeT Trial. <i>Circulation Research</i> , <b>2015</b> , 117, 645-54	15.7	93
199	Potency Analysis of Mesenchymal Stromal Cells Using a Combinatorial Assay Matrix Approach. <i>Cell Reports</i> , <b>2018</b> , 22, 2504-2517	10.6	91
198	Vascular progenitors derived from murine bone marrow stromal cells are regulated by fibroblast growth factor and are avidly recruited by vascularizing tumors. <i>Journal of Cellular Biochemistry</i> , <b>2004</b> , 91, 1146-58	4.7	89
197	Roles of FGF signaling in stem cell self-renewal, senescence and aging. <i>Aging</i> , <b>2011</b> , 3, 920-33	5.6	87
196	Marrow stromal cells for interleukin-2 delivery in cancer immunotherapy. <i>Human Gene Therapy</i> , <b>2004</b> , 15, 597-608	4.8	87
195	Challenges for mesenchymal stromal cell therapies. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	83

194	Actin cytoskeletal disruption following cryopreservation alters the biodistribution of human mesenchymal stromal cells in vivo. <i>Stem Cell Reports</i> , <b>2014</b> , 3, 60-72	8	82
193	Limited acquisition of chromosomal aberrations in human adult mesenchymal stromal cells. <i>Cell Stem Cell</i> , <b>2012</b> , 10, 9-10; author reply 10-1	18	78
192	Ex vivo gene therapy for hemophilia A that enhances safe delivery and sustained in vivo factor VIII expression from lentivirally engineered endothelial progenitors. <i>Stem Cells</i> , <b>2007</b> , 25, 2660-9	5.8	77
191	Characterization of Gaucher disease bone marrow mesenchymal stromal cells reveals an altered inflammatory secretome. <i>Blood</i> , <b>2009</b> , 114, 3181-90	2.2	76
190	Inflammatory monocytes promote progression of Duchenne muscular dystrophy and can be therapeutically targeted via CCR2. <i>EMBO Molecular Medicine</i> , <b>2014</b> , 6, 1476-92	12	73
189	Cooperation of matrix metalloproteinases with the RhoA/Rho kinase and mitogen-activated protein kinase kinase-1/extracellular signal-regulated kinase signaling pathways is required for the sphingosine-1-phosphate-induced mobilization of marrow-derived stromal cells. <i>Stem Cells</i> , <b>2006</b> , 24, 2577-85	5.8	71
188	The safety of autologous and metabolically fit bone marrow mesenchymal stromal cells in medically refractory Crohn's disease - a phase 1 trial with three doses. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2016</b> , 44, 471-81	6.1	70
187	Rationale and design of Enhanced Angiogenic Cell Therapy in Acute Myocardial Infarction (ENACT-AMI): the first randomized placebo-controlled trial of enhanced progenitor cell therapy for acute myocardial infarction. <i>American Heart Journal</i> , <b>2010</b> , 159, 354-60	4.9	70
186	IFN- $\gamma$ and indoleamine 2,3-dioxygenase signaling between donor dendritic cells and T cells regulates graft versus host and graft versus leukemia activity. <i>Blood</i> , <b>2012</b> , 119, 1075-85	2.2	67
185	Neo-organoid of marrow mesenchymal stromal cells secreting interleukin-12 for breast cancer therapy. <i>Cancer Research</i> , <b>2008</b> , 68, 4810-8	10.1	62
184	Matrix metalloproteinase regulation of sphingosine-1-phosphate-induced angiogenic properties of bone marrow stromal cells. <i>Experimental Hematology</i> , <b>2003</b> , 31, 640-9	3.1	61
183	Reciprocal Th1 and Th17 regulation by mesenchymal stem cells: Implication for multiple sclerosis. <i>Annals of Neurology</i> , <b>2010</b> , 68, 540-5	9.4	60
182	Neuronal differentiation and growth control of neuro-2a cells after retroviral gene delivery of connexin43. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 34407-14	5.4	60
181	Size-exclusion chromatography purification of high-titer vesicular stomatitis virus G glycoprotein-pseudotyped retrovectors for cell and gene therapy applications. <i>Human Gene Therapy</i> , <b>2003</b> , 14, 1139-53	4.8	59
180	The effect of platelet lysate fibrinogen on the functionality of MSCs in immunotherapy. <i>Biomaterials</i> , <b>2013</b> , 34, 7840-50	15.6	58
179	Bone marrow mesenchymal stromal cell therapy for external urethral sphincter restoration in a rat model of stress urinary incontinence. <i>Neurourology and Urodynamics</i> , <b>2011</b> , 30, 447-55	2.3	58
178	Erythropoietin delivery by genetically engineered bone marrow stromal cells for correction of anemia in mice with chronic renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2006</b> , 17, 1576-84	12.7	58
177	The challenge of defining mesenchymal stromal cell potency assays and their potential use as release criteria. <i>Cytotherapy</i> , <b>2015</b> , 17, 125-7	4.8	55

176	Loss of tumorigenicity and metastatic potential in carcinoma cells expressing the extracellular domain of the type 1 insulin-like growth factor receptor. <i>Cancer Research</i> , <b>2004</b> , 64, 3380-5	10.1	55
175	Factors of the bone marrow microniche that support human plasma cell survival and immunoglobulin secretion. <i>Nature Communications</i> , <b>2018</b> , 9, 3698	17.4	53
174	A novel platelet lysate hydrogel for endothelial cell and mesenchymal stem cell-directed neovascularization. <i>Acta Biomaterialia</i> , <b>2016</b> , 36, 86-98	10.8	51
173	Three-dimensional porous scaffolds at the crossroads of tissue engineering and cell-based gene therapy. <i>Journal of Cellular Biochemistry</i> , <b>2009</b> , 108, 537-46	4.7	51
172	Improved autograft survival of mesenchymal stromal cells by plasminogen activator inhibitor 1 inhibition. <i>Stem Cells</i> , <b>2009</b> , 27, 467-77	5.8	51
171	Transcriptional regulation of the TFIIH transcription repair components XPB and XPD by the hepatitis B virus x protein in liver cells and transgenic liver tissue. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 14124-32	5.4	51
170	A neovascularized organoid derived from retrovirally engineered bone marrow stroma leads to prolonged in vivo systemic delivery of erythropoietin in nonmyeloablated, immunocompetent mice. <i>Gene Therapy</i> , <b>2003</b> , 10, 478-89	4	50
169	A bicistronic retroviral vector for protecting hematopoietic cells against antifolates and P-glycoprotein effluxed drugs. <i>Human Gene Therapy</i> , <b>1997</b> , 8, 1773-83	4.8	47
168	CCL2 and CXCL12 Derived from Mesenchymal Stromal Cells Cooperatively Polarize IL-10+ Tissue Macrophages to Mitigate Gut Injury. <i>Cell Reports</i> , <b>2020</b> , 30, 1923-1934.e4	10.6	44
167	CD34 expression on murine marrow-derived mesenchymal stromal cells: impact on neovascularization. <i>Experimental Hematology</i> , <b>2008</b> , 36, 93-103	3.1	43
166	Coupling erythropoietin secretion to mesenchymal stromal cells enhances their regenerative properties. <i>Cardiovascular Research</i> , <b>2008</b> , 79, 405-15	9.9	43
165	Death and inflammation following somatic cell transplantation. <i>Seminars in Immunopathology</i> , <b>2011</b> , 33, 535-50	12	41
164	Granulocyte-macrophage colony-stimulating factor and interleukin-2 fusion cDNA for cancer gene immunotherapy. <i>Cancer Research</i> , <b>2004</b> , 64, 8795-9	10.1	41
163	Retrovector encoding a green fluorescent protein-herpes simplex virus thymidine kinase fusion protein serves as a versatile suicide/reporter for cell and gene therapy applications. <i>Human Gene Therapy</i> , <b>2001</b> , 12, 13-23	4.8	41
162	Plasminogen kringle 5-engineered glioma cells block migration of tumor-associated macrophages and suppress tumor vascularization and progression. <i>Cancer Research</i> , <b>2005</b> , 65, 8359-65	10.1	39
161	MSCs: science and trials. <i>Nature Medicine</i> , <b>2013</b> , 19, 812	50.5	38
160	Mesenchymal Stromal Cells Derived From Crohn's Patients Deploy Indoleamine 2,3-dioxygenase-mediated Immune Suppression, Independent of Autophagy. <i>Molecular Therapy</i> , <b>2015</b> , 23, 1248-1261	11.7	37
159	Matrix metalloproteinases 2 and 9 as diagnostic markers in the progression to Chagas cardiomyopathy. <i>American Heart Journal</i> , <b>2013</b> , 165, 558-66	4.9	37

158	Retroviral expression of the hepatitis B virus x gene promotes liver cell susceptibility to carcinogen-induced site specific mutagenesis. <i>Mutation Research DNA Repair</i> , <b>2000</b> , 460, 17-28		37
157	Evidence for transcriptional regulation of the glucose-6-phosphate transporter by HIF-1alpha: Targeting G6PT with mumbaistatin analogs in hypoxic mesenchymal stromal cells. <i>Stem Cells</i> , <b>2009</b> , 27, 489-97	5.8	36
156	Parathyroid hormone-related protein promotes quiescence and survival of serum-deprived chondrocytes by inhibiting rRNA synthesis. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 37934-43	5.4	36
155	Manufacturing mesenchymal stromal cells for clinical applications: A survey of Good Manufacturing Practices at U.S. academic centers. <i>Cytotherapy</i> , <b>2019</b> , 21, 782-792	4.8	34
154	The stem cell research environment: a patchwork of patchworks. <i>Stem Cell Reviews and Reports</i> , <b>2009</b> , 5, 82-8	6.4	34
153	Human cytidine deaminase as an ex vivo drug selectable marker in gene-modified primary bone marrow stromal cells. <i>Gene Therapy</i> , <b>2002</b> , 9, 452-62	4	34
152	Glucocorticoid-inducible retrovector for regulated transgene expression in genetically engineered bone marrow stromal cells. <i>Human Gene Therapy</i> , <b>2000</b> , 11, 1837-49	4.8	34
151	Tissue engineering of rat bladder using marrow-derived mesenchymal stem cells and bladder acellular matrix. <i>PLoS ONE</i> , <b>2014</b> , 9, e111966	3.7	34
150	In vivo interferon regulatory factor 3 tumor suppressor activity in B16 melanoma tumors. <i>Cancer Research</i> , <b>2002</b> , 62, 5148-52	10.1	34
149	Regulatory B Cells Induce Formation of IL-10-Expressing T Cells in Mice with Autoimmune Neuroinflammation. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 12598-12610	6.6	33
148	Hierarchical scaffold design for mesenchymal stem cell-based gene therapy of hemophilia B. <i>Biomaterials</i> , <b>2011</b> , 32, 295-305	15.6	33
147	The N-terminal of the estrogen receptor (ERalpha) mediates transcriptional cross-talk with the retinoic acid receptor in human breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2003</b> , 86, 1-14	5.1	33
146	Challenges in animal modelling of mesenchymal stromal cell therapy for inflammatory bowel disease. <i>World Journal of Gastroenterology</i> , <b>2015</b> , 21, 4779-87	5.6	33
145	Mesenchymal stromal cell therapeutic potency is dependent upon viability, route of delivery, and immune match. <i>Blood Advances</i> , <b>2020</b> , 4, 1987-1997	7.8	32
144	Design and Fabrication of 3D Porous Scaffolds to Facilitate Cell-Based Gene Therapy. <i>Tissue Engineering - Part A</i> , <b>2008</b> , 14, 1037-1048	3.9	32
143	Mesenchymal stromal cells engineered to express erythropoietin induce anti-erythropoietin antibodies and anemia in allogeneic recipients. <i>Molecular Therapy</i> , <b>2009</b> , 17, 369-72	11.7	31
142	An engineered GM-CSF-CCL2 fusokine is a potent inhibitor of CCR2-driven inflammation as demonstrated in a murine model of inflammatory arthritis. <i>Journal of Immunology</i> , <b>2009</b> , 183, 1759-66	5.3	31
141	Angiostatin inhibits monocyte/macrophage migration via disruption of actin cytoskeleton. <i>FASEB Journal</i> , <b>2007</b> , 21, 3928-36	0.9	30

140	Induction of cardiac angiogenesis requires killer cell lectin-like receptor 1 and $\alpha 4 \beta 1$ integrin expression by NK cells. <i>Journal of Immunology</i> , <b>2010</b> , 185, 7014-25	5.3	29
139	Human-compatible collagen matrix for prolonged and reversible systemic delivery of erythropoietin in mice from gene-modified marrow stromal cells. <i>Molecular Therapy</i> , <b>2004</b> , 10, 741-8	11.7	29
138	Tetra- and hexavalent mannosides inhibit the pro-apoptotic, antiproliferative and cell surface clustering effects of concanavalin-A: impact on MT1-MMP functions in marrow-derived mesenchymal stromal cells. <i>Glycobiology</i> , <b>2008</b> , 18, 195-204	5.8	28
137	MT1-MMP down-regulates the glucose 6-phosphate transporter expression in marrow stromal cells: a molecular link between pro-MMP-2 activation, chemotaxis, and cell survival. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 8142-9	5.4	28
136	New insights on translational development of mesenchymal stromal cells for suppressor therapy. <i>Journal of Cellular Physiology</i> , <b>2012</b> , 227, 3535-8	7	27
135	Immune dysfunctionality of replicative senescent mesenchymal stromal cells is corrected by IFN $\gamma$ priming. <i>Blood Advances</i> , <b>2017</b> , 1, 628-643	7.8	26
134	Monocyte derivatives promote angiogenesis and myocyte survival in a model of myocardial infarction. <i>Cell Transplantation</i> , <b>2010</b> , 19, 369-86	4	26
133	Inhibition of carcinoma cell growth and metastasis by a vesicular stomatitis virus G-pseudotyped retrovector expressing type I insulin-like growth factor receptor antisense. <i>Human Gene Therapy</i> , <b>2001</b> , 12, 1969-77	4.8	26
132	Effects of retroviral-mediated MDR1 expression on hematopoietic stem cell self-renewal and differentiation in culture. <i>Annals of the New York Academy of Sciences</i> , <b>1999</b> , 872, 125-40; discussion 140-15	6.5	26
131	Bone Marrow Mesenchymal Stromal Cells from Patients with Acute and Chronic Graft-versus-Host Disease Deploy Normal Phenotype, Differentiation Plasticity, and Immune-Suppressive Activity. <i>Biology of Blood and Marrow Transplantation</i> , <b>2015</b> , 21, 934-40	4.7	25
130	Epsilon aminocaproic acid prevents bleeding in severely thrombocytopenic patients with hematological malignancies. <i>Cancer</i> , <b>2013</b> , 119, 3784-7	6.4	25
129	Autologous bone marrow stromal cells genetically engineered to secrete an igf-I receptor decoy prevent the growth of liver metastases. <i>Molecular Therapy</i> , <b>2009</b> , 17, 1241-9	11.7	25
128	Connexin over-expression differentially suppresses glioma growth and contributes to the bystander effect following HSV-thymidine kinase gene therapy. <i>Cell Communication and Adhesion</i> , <b>2006</b> , 13, 79-92		25
127	Mesenchymal stromal cells genetically engineered to overexpress IGF-I enhance cell-based gene therapy of renal failure-induced anemia. <i>American Journal of Physiology - Renal Physiology</i> , <b>2008</b> , 295, F488-96	4.3	24
126	Cell-based therapies for coronavirus disease 2019: proper clinical investigations are essential. <i>Cytotherapy</i> , <b>2020</b> , 22, 602-605	4.8	23
125	A fusion of GM-CSF and IL-21 initiates hypersignaling through the IL-21R $\alpha$ chain with immune activating and tumoricidal effects in vivo. <i>Molecular Therapy</i> , <b>2010</b> , 18, 1293-301	11.7	23
124	A GM-CSF and IL-15 fusokine leads to paradoxical immunosuppression in vivo via asymmetrical JAK/STAT signaling through the IL-15 receptor complex. <i>Blood</i> , <b>2007</b> , 109, 2234-42	2.2	23
123	Novel TGF-beta antagonist inhibits tumor growth and angiogenesis by inducing IL-2 receptor-driven STAT1 activation. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6933-44	5.3	22

122	Interleukin-2 enhances angiogenesis and preserves cardiac function following myocardial infarction. <i>Cytokine</i> , <b>2011</b> , 56, 732-8	4	21
121	TGF beta secreted by B16 melanoma antagonizes cancer gene immunotherapy bystander effect. <i>Cancer Immunology, Immunotherapy</i> , <b>2008</b> , 57, 1197-206	7.4	21
120	Adoptive transfer of mesenchymal stromal cells accelerates intestinal epithelium recovery of irradiated mice in an interleukin-6-dependent manner. <i>Cytotherapy</i> , <b>2012</b> , 14, 1164-70	4.8	20
119	The IDO inhibitor 1-methyl tryptophan activates the aryl hydrocarbon receptor response in mesenchymal stromal cells. <i>Oncotarget</i> , <b>2017</b> , 8, 91914-91927	3.3	20
118	Extracellular vesicles from bone marrow-derived mesenchymal stromal cells support survival of human antibody secreting cells. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1463778	16.4	19
117	Plasminogen Kringle 5 blocks tumor progression by antiangiogenic and proinflammatory pathways. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 441-9	6.1	19
116	The human ortholog of granulocyte macrophage colony-stimulating factor and interleukin-2 fusion protein induces potent ex vivo natural killer cell activation and maturation. <i>Cancer Research</i> , <b>2009</b> , 69, 9020-8	10.1	18
115	GM-CSF-based fusion cytokines as ligands for immune modulation. <i>Journal of Immunology</i> , <b>2011</b> , 186, 5527-32	5.3	18
114	The carboxylation efficiency of the vitamin K-dependent clotting factors: studies with factor IX. <i>Haemophilia</i> , <b>2008</b> , 14, 1063-8	3.3	18
113	Platelet lysate as a novel serum-free media supplement for the culture of equine bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , <b>2018</b> , 9, 75	8.3	17
112	Incorporation of a GPI-anchored engineered cytokine as a molecular adjuvant enhances the immunogenicity of HIV VLPs. <i>Scientific Reports</i> , <b>2015</b> , 5, 11856	4.9	17
111	The immune plasticity of mesenchymal stromal cells from mice and men: concordances and discrepancies. <i>Frontiers in Bioscience - Scholar</i> , <b>2012</b> , 4, 824-37	2.4	17
110	Development and function of innate polyclonal TCRalpha+ CD8+ thymocytes. <i>Journal of Immunology</i> , <b>2011</b> , 187, 3133-44	5.3	17
109	Blood B Cell and Regulatory Subset Content in Multiple Sclerosis Patients. <i>Journal of Multiple Sclerosis</i> , <b>2015</b> , 2,		16
108	Engineered fusokine GIFT4 licenses the ability of B cells to trigger a tumoricidal T-cell response. <i>Cancer Research</i> , <b>2014</b> , 74, 4133-44	10.1	16
107	A MCP1 fusokine with CCR2-specific tumoricidal activity. <i>Molecular Cancer</i> , <b>2011</b> , 10, 121	42.1	16
106	Mesenchymal stromal cells expressing ErbB-2/neu elicit protective antibreast tumor immunity in vivo, which is paradoxically suppressed by IFN-gamma and tumor necrosis factor-alpha priming. <i>Cancer Research</i> , <b>2010</b> , 70, 7742-7	10.1	16
105	Recurrent obscure gastrointestinal bleeding: dilemmas and success with pharmacological therapies. Case series and review. <i>Canadian Journal of Gastroenterology &amp; Hepatology</i> , <b>2009</b> , 23, 625-31		16



104	Obstacles to effective Toll-like receptor agonist therapy for hematologic malignancies. <i>Oncogene</i> , <b>2008</b> , 27, 208-17	9.2	16
103	Stem cell research ethics: consensus statement on emerging issues. <i>Journal of Obstetrics and Gynaecology Canada</i> , <b>2007</b> , 29, 843-8	1.3	16
102	Retroviral vectors containing a variant dihydrofolate reductase gene for drug protection and in vivo selection of hematopoietic cells. <i>Stem Cells</i> , <b>1998</b> , 16 Suppl 1, 223-33	5.8	15
101	BCL2-BH4 antagonist BDA-366 suppresses human myeloma growth. <i>Oncotarget</i> , <b>2016</b> , 7, 27753-63	3.3	15
100	Concise review: engineering the fusion of cytokines for the modulation of immune cellular responses in cancer and autoimmune disorders. <i>Stem Cells Translational Medicine</i> , <b>2015</b> , 4, 66-73	6.9	14
99	Regulatory B Cells Normalize CNS Myeloid Cell Content in a Mouse Model of Multiple Sclerosis and Promote Oligodendrogenesis and Remyelination. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 5105-5115	6.6	14
98	GM-CSF-interleukin fusion cytokines induce novel immune effectors that can serve as biopharmaceuticals for treatment of autoimmunity and cancer. <i>Journal of Internal Medicine</i> , <b>2011</b> , 269, 74-84	10.8	14
97	A dendritic cell population generated by a fusion of GM-CSF and IL-21 induces tumor-antigen-specific immunity. <i>Journal of Immunology</i> , <b>2010</b> , 185, 7358-66	5.3	14
96	Selective inhibition of CCR2 expressing lymphomyeloid cells in experimental autoimmune encephalomyelitis by a GM-CSF-MCP1 fusokine. <i>Journal of Immunology</i> , <b>2009</b> , 182, 2620-7	5.3	14
95	Bone marrow mesenchymal stromal cells of patients with myeloproliferative disorders do not carry the JAK2-V617F mutation. <i>Experimental Hematology</i> , <b>2009</b> , 37, 416-20	3.1	14
94	Mesenchymal Stromal Cells for Graft-versus-Host Disease: A Trilogy. <i>Biology of Blood and Marrow Transplantation</i> , <b>2020</b> , 26, e89-e91	4.7	13
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