

Claude Perreault

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2133075/claude-perreault-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

193
papers

5,758
citations

43
h-index

65
g-index

211
ext. papers

6,849
ext. citations

6.8
avg, IF

5.44
L-index

#	Paper	IF	Citations
193	Noncoding regions are the main source of targetable tumor-specific antigens. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	199
192	Development of a Highly Polymorphic STR Marker for Identity Testing Purposes at the Human Androgen Receptor Gene (HUMARA). <i>Journal of Forensic Sciences</i> , 1998 , 43, 14355J	1.8	195
191	A comprehensive map of the mTOR signaling network. <i>Molecular Systems Biology</i> , 2010 , 6, 453	12.2	171
190	Adoptive transfer of minor histocompatibility antigen-specific T lymphocytes eradicates leukemia cells without causing graft-versus-host disease. <i>Nature Medicine</i> , 2001 , 7, 789-94	50.5	155
189	The MHC class I peptide repertoire is molded by the transcriptome. <i>Journal of Experimental Medicine</i> , 2008 , 205, 595-610	16.6	127
188	Global proteogenomic analysis of human MHC class I-associated peptides derived from non-canonical reading frames. <i>Nature Communications</i> , 2016 , 7, 10238	17.4	127
187	MHC class I-associated peptides derive from selective regions of the human genome. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4690-4701	15.9	123
186	A granulocyte-macrophage colony-stimulating factor and interleukin-15 fusokine induces a regulatory B cell population with immune suppressive properties. <i>Nature Medicine</i> , 2009 , 15, 1038-45	50.5	110
185	The 20S proteasome core, active within apoptotic exosome-like vesicles, induces autoantibody production and accelerates rejection. <i>Science Translational Medicine</i> , 2015 , 7, 318ra200	17.5	100
184	Minor histocompatibility antigens. <i>Blood</i> , 1990 , 76, 1269-1280	2.2	94
183	The effect of graft-versus-host disease on T cell production and homeostasis. <i>Journal of Experimental Medicine</i> , 1999 , 189, 1329-42	16.6	92
182	Modeling T-cell acute lymphoblastic leukemia induced by the SCL and LMO1 oncogenes. <i>Genes and Development</i> , 2010 , 24, 1093-105	12.6	88
181	ER stress affects processing of MHC class I-associated peptides. <i>BMC Immunology</i> , 2009 , 10, 10	3.7	88
180	The SystemMHC Atlas project. <i>Nucleic Acids Research</i> , 2018 , 46, D1237-D1247	20.1	87
179	Study of Langerhans cells after allogeneic bone marrow transplantation. <i>Blood</i> , 1984 , 63, 807-811	2.2	87
178	Prediction of graft-versus-host disease in humans by donor gene-expression profiling. <i>PLoS Medicine</i> , 2007 , 4, e23	11.6	82
177	The MHC I immunopeptidome conveys to the cell surface an integrative view of cellular regulation. <i>Molecular Systems Biology</i> , 2011 , 7, 533	12.2	80

176	Single UM171-Expanded Cord Blood Transplants Support Robust T-Cell Reconstitution with Low Rates of Severe Infections. <i>Stem Cells Translational Medicine</i> , 2020 , 9, S8	6.9	78
175	Impact of genomic polymorphisms on the repertoire of human MHC class I-associated peptides. <i>Nature Communications</i> , 2014 , 5, 3600	17.4	75
174	Massive Activation-Induced Cell Death of Alloreactive T Cells With Apoptosis of Bystander Postthymic T Cells Prevents Immune Reconstitution in Mice With Graft-Versus-Host Disease. <i>Blood</i> , 1999 , 94, 390-400	2.2	74
173	Lymphoid interstitial pneumonia after allogeneic bone marrow transplantation. A possible manifestation of chronic graft-versus-host disease. <i>Cancer</i> , 1985 , 55, 1-9	6.4	70
172	Evidence for adequate thymic function but impaired naive T-cell survival following allogeneic hematopoietic stem cell transplantation in the absence of chronic graft-versus-host disease. <i>Blood</i> , 2003 , 102, 4600-7	2.2	68
171	P-glycoprotein targeting: a unique strategy to selectively eliminate immunoreactive T cells. <i>Blood</i> , 2002 , 100, 375-82	2.2	68
170	Immunodominant minor histocompatibility antigens: the major ones. <i>Trends in Immunology</i> , 1998 , 19, 69-74		65
169	T cells targeted against a single minor histocompatibility antigen can cure solid tumors. <i>Nature Medicine</i> , 2005 , 11, 1222-9	50.5	63
168	The TGF- β /Smad3 pathway inhibits CD28-dependent cell growth and proliferation of CD4 T cells. <i>Genes and Immunity</i> , 2013 , 14, 115-26	4.4	59
167	Allogeneic transplantation for multiple myeloma: further evidence for a GVHD-associated graft-versus-myeloma effect. <i>Bone Marrow Transplantation</i> , 2001 , 28, 841-8	4.4	59
166	Deletion of immunoproteasome subunits imprints on the transcriptome and has a broad impact on peptides presented by major histocompatibility complex I molecules. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 2034-47	7.6	58
165	Identification of an immunodominant mouse minor histocompatibility antigen (MiHA). T cell response to a single dominant MiHA causes graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 1996 , 98, 622-8	15.9	57
164	The perlecan fragment LG3 is a novel regulator of obliterative remodeling associated with allograft vascular rejection. <i>Circulation Research</i> , 2012 , 110, 94-104	15.7	56
163	Lymphoma Cell Burden in Progenitor Cell Grafts Measured by Competitive Polymerase Chain Reaction: Less Than One Log Difference Between Bone Marrow and Peripheral Blood Sources. <i>Blood</i> , 1998 , 91, 331-339	2.2	56
162	MHC I-associated peptides preferentially derive from transcripts bearing miRNA response elements. <i>Blood</i> , 2012 , 119, e181-91	2.2	53
161	Transcriptome sequencing of neonatal thymic epithelial cells. <i>Scientific Reports</i> , 2013 , 3, 1860	4.9	53
160	Next-generation leukemia immunotherapy. <i>Blood</i> , 2011 , 118, 2951-9	2.2	53
159	Involvement of nitric oxide in target-cell lysis and DNA fragmentation induced by murine natural killer cells. <i>Blood</i> , 1996 , 87, 5136-5143	2.2	53

158	Immunogenic stress and death of cancer cells: Contribution of antigenicity vs adjuvanticity to immunosurveillance. <i>Immunological Reviews</i> , 2017 , 280, 165-174	11.3	52
157	The nature of self for T cells-a systems-level perspective. <i>Current Opinion in Immunology</i> , 2015 , 34, 1-8	7.8	52
156	The signaling protein Wnt4 enhances thymopoiesis and expands multipotent hematopoietic progenitors through beta-catenin-independent signaling. <i>Immunity</i> , 2008 , 29, 57-67	32.3	49
155	Wnt4 enhances murine hematopoietic progenitor cell expansion through a planar cell polarity-like pathway. <i>PLoS ONE</i> , 2011 , 6, e19279	3.7	47
154	Expression of immunoproteasome genes is regulated by cell-intrinsic and -extrinsic factors in human cancers. <i>Scientific Reports</i> , 2016 , 6, 34019	4.9	45
153	Differential Features of AIRE-Induced and AIRE-Independent Promiscuous Gene Expression in Thymic Epithelial Cells. <i>Journal of Immunology</i> , 2015 , 195, 498-506	5.3	44
152	Shaping the Repertoire of Cytotoxic T-Lymphocyte Responses: Explanation for the Immunodominance Effect Whereby Cytotoxic T Lymphocytes Specific for Immunodominant Antigens Prevent Recognition of Nondominant Antigens. <i>Blood</i> , 1999 , 93, 952-962	2.2	44
151	Persistence of host Langerhans cells following allogeneic bone marrow transplantation: possible relationship with acute graft-versus-host disease. <i>British Journal of Haematology</i> , 1985 , 60, 253-60	4.5	43
150	Thymic and extrathymic differentiation and expansion of T lymphocytes following bone marrow transplantation in irradiated recipients. <i>Experimental Hematology</i> , 1997 , 25, 992-1004	3.1	43
149	Proteogenomic-based discovery of minor histocompatibility antigens with suitable features for immunotherapy of hematologic cancers. <i>Leukemia</i> , 2016 , 30, 1344-54	10.7	42
148	The COI mitochondrial gene encodes a minor histocompatibility antigen presented by H2-M3. <i>Journal of Immunology</i> , 1996 , 156, 3301-7	5.3	42
147	Origin and plasticity of MHC I-associated self peptides. <i>Autoimmunity Reviews</i> , 2012 , 11, 627-35	13.6	40
146	On the mechanisms of immunodominance in cytotoxic T lymphocyte responses to minor histocompatibility antigens. <i>European Journal of Immunology</i> , 1997 , 27, 421-30	6.1	40
145	Sex hormones have pervasive effects on thymic epithelial cells. <i>Scientific Reports</i> , 2015 , 5, 12895	4.9	38
144	The in vivo fate of APCs displaying minor H antigen and/or MHC differences is regulated by CTLs specific for immunodominant class I-associated epitopes. <i>Journal of Immunology</i> , 1999 , 163, 6462-7	5.3	38
143	Comparison of the MHC I Immunopeptidome Repertoire of B-Cell Lymphoblasts Using Two Isolation Methods. <i>Proteomics</i> , 2018 , 18, e1700251	4.8	37
142	SMAD3 prevents graft-versus-host disease by restraining Th1 differentiation and granulocyte-mediated tissue damage. <i>Blood</i> , 2011 , 117, 1734-44	2.2	37
141	Why T cells of thymic versus extrathymic origin are functionally different. <i>Journal of Immunology</i> , 2008 , 180, 2299-312	5.3	36

140	Quantitative assessment of hematopoietic chimerism after allogeneic bone marrow transplantation has predictive value for the occurrence of irreversible graft failure and graft-vs.-host disease. <i>Experimental Hematology</i> , 1998 , 26, 426-34	3.1	36
139	Exploiting non-canonical translation to identify new targets for T cell-based cancer immunotherapy. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 607-621	10.3	35
138	Wnt4 regulates thymic cellularity through the expansion of thymic epithelial cells and early thymic progenitors. <i>Blood</i> , 2011 , 118, 5163-73	2.2	35
137	Photodepletion differentially affects CD4+ Tregs versus CD4+ effector T cells from patients with chronic graft-versus-host disease. <i>Blood</i> , 2010 , 116, 4859-69	2.2	35
136	Identification and characterization of an Xp22.33;Yp11.2 translocation causing a triplication of several genes of the pseudoautosomal region 1 in an XX male patient with severe systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2006 , 54, 1270-8		35
135	T regulatory cells control numbers of NK cells and CD8alpha+ immature dendritic cells in the lymph node paracortex. <i>Journal of Immunology</i> , 2007 , 179, 4492-502	5.3	35
134	T-cell generation by lymph node resident progenitor cells. <i>Blood</i> , 2005 , 106, 193-200	2.2	35
133	Distinct patterns of minimal residual disease associated with graft-versus-host disease after allogeneic bone marrow transplantation for chronic myelogenous leukemia. <i>Journal of Clinical Oncology</i> , 1995 , 13, 1704-13	2.2	35
132	Adult thymic epithelium contains non-senescent label-retaining cells. <i>Journal of Immunology</i> , 2014 , 192, 2219-26	5.3	34
131	A mutant allele of the Swi/Snf member BAF250a determines the pool size of fetal liver hemopoietic stem cell populations. <i>Blood</i> , 2010 , 116, 1678-84	2.2	34
130	Immunobiology of allogeneic peripheral blood mononuclear cells mobilized with granulocyte-colony stimulating factor. <i>Bone Marrow Transplantation</i> , 2000 , 26, 1-16	4.4	34
129	Wnt4, a pleiotropic signal for controlling cell polarity, basement membrane integrity, and antimüllerian hormone expression during oocyte maturation in the female follicle. <i>FASEB Journal</i> , 2014 , 28, 1568-81	0.9	33
128	Regulation of extrathymic T cell development and turnover by oncostatin M. <i>Journal of Immunology</i> , 2000 , 164, 5713-20	5.3	33
127	Apoptotic endothelial cells release small extracellular vesicles loaded with immunostimulatory viral-like RNAs. <i>Scientific Reports</i> , 2019 , 9, 7203	4.9	32
126	Graft-versus-host disease causes failure of donor hematopoiesis and lymphopoiesis in interferon-gamma receptor-deficient hosts. <i>Blood</i> , 2008 , 112, 2111-9	2.2	32
125	Bone marrow transplantation for myelodysplastic syndromes. <i>British Journal of Haematology</i> , 1988 , 69, 29-33	4.5	32
124	Biochemical and immunogenetic analysis of an immunodominant peptide (B6dom1) encoded by the classical H7 minor histocompatibility locus. <i>Journal of Immunology</i> , 1999 , 162, 4502-10	5.3	31
123	Immunodomination results from functional differences between competing CTL. <i>European Journal of Immunology</i> , 2001 , 31, 2284-92	6.1	29

122	The model B6(dom1) minor histocompatibility antigen is encoded by a mouse homolog of the yeast STT3 gene. <i>Immunogenetics</i> , 2002 , 54, 562-9	3.2	28
121	Immunodominant minor histocompatibility antigens expressed by mouse leukemic cells can serve as effective targets for T cell immunotherapy. <i>Journal of Clinical Investigation</i> , 1995 , 95, 1561-8	15.9	28
120	T-cell development: an extrathymic perspective. <i>Immunological Reviews</i> , 2006 , 209, 103-14	11.3	27
119	Oligoclonal expansion of CTLs directed against a restricted number of dominant minor histocompatibility antigens in hemopoietic chimeras. <i>Journal of Immunology</i> , 1995 , 155, 5104-14	5.3	27
118	ERAAP Shapes the Peptidome Associated with Classical and Nonclassical MHC Class I Molecules. <i>Journal of Immunology</i> , 2016 , 197, 1035-43	5.3	27
117	Thymic and extrathymic T cell development pathways follow different rules. <i>Journal of Immunology</i> , 2002 , 169, 684-92	5.3	26
116	Elimination of neuroblastoma and small-cell lung cancer cells with an anti-neural cell adhesion molecule immunotoxin. <i>Journal of the National Cancer Institute</i> , 1996 , 88, 1136-45	9.7	26
115	Minor histocompatibility antigens. <i>Blood</i> , 1990 , 76, 1269-80	2.2	26
114	Characterization of human thymic dendritic cells in culture. <i>Immunology</i> , 1986 , 58, 263-70	7.8	26
113	Most non-canonical proteins uniquely populate the proteome or immunopeptidome. <i>Cell Reports</i> , 2021 , 34, 108815	10.6	26
112	Ontogeny of human epidermal Langerhans cells. <i>Transplantation</i> , 1984 , 38, 544-6	1.8	25
111	Do thymically and strictly extrathymically developing T cells generate similar immune responses?. <i>Blood</i> , 2004 , 103, 3102-10	2.2	24
110	Seminal plasma choline phospholipid-binding proteins stimulate cellular cholesterol and phospholipid efflux. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999 , 1438, 38-46 ⁵		24
109	Proteogenomics Uncovers a Vast Repertoire of Shared Tumor-Specific Antigens in Ovarian Cancer. <i>Cancer Immunology Research</i> , 2020 , 8, 544-555	12.5	23
108	Immunoproteasomes shape the transcriptome and regulate the function of dendritic cells. <i>Journal of Immunology</i> , 2014 , 193, 1121-32	5.3	22
107	Differential effects of β cytokines on postselection differentiation of CD8 thymocytes. <i>Blood</i> , 2013 , 121, 107-17	2.2	22
106	Study of Langerhans cells after allogeneic bone marrow transplantation. <i>Blood</i> , 1984 , 63, 807-11	2.2	22
105	Massive Activation-Induced Cell Death of Alloreactive T Cells With Apoptosis of Bystander Postthymic T Cells Prevents Immune Reconstitution in Mice With Graft-Versus-Host Disease. <i>Blood</i> , 1999 , 94, 390-400	2.2	22

104	Beneficial autoimmunity improves cancer prognosis. <i>Nature Reviews Clinical Oncology</i> , 2021 , 18, 591-602	19.4	21
103	Chronic B-cell lymphocytosis. <i>European Journal of Haematology</i> , 1989 , 42, 361-7	3.8	19
102	The effect of covalent cross-links between the membrane components of microcapsules on the dissemination of encapsulated malignant cells. <i>Biomaterials</i> , 2008 , 29, 917-24	15.6	18
101	Maternal inspired oxygen concentration and fetal oxygenation during caesarean section. <i>Canadian Journal of Anaesthesia</i> , 1992 , 39, 155-7	3	18
100	Diagnosis of graft-versus-host disease in mice transplanted across minor histocompatibility barriers. <i>Transplantation</i> , 1990 , 49, 1177-9	1.8	18
99	Extending the Comprehensiveness of Immunopeptidome Analyses Using Isobaric Peptide Labeling. <i>Analytical Chemistry</i> , 2020 , 92, 9194-9204	7.8	17
98	Development and function of innate polyclonal TCRalpha+ CD8+ thymocytes. <i>Journal of Immunology</i> , 2011 , 187, 3133-44	5.3	17
97	The structure and location of SIMP/STT3B account for its prominent imprint on the MHC I immunopeptidome. <i>International Immunology</i> , 2005 , 17, 1583-96	4.9	17
96	Interleukin-21 accelerates thymic recovery from glucocorticoid-induced atrophy. <i>PLoS ONE</i> , 2013 , 8, e72801	8.1	17
95	Atypical acute myeloid leukemia-specific transcripts generate shared and immunogenic MHC class-I-associated epitopes. <i>Immunity</i> , 2021 , 54, 737-752.e10	32.3	17
94	Development and functional properties of thymic and extrathymic T lymphocytes. <i>Critical Reviews in Immunology</i> , 2008 , 28, 441-66	1.8	16
93	Tissue distribution of target antigen has a decisive influence on the outcome of adoptive cancer immunotherapy. <i>Blood</i> , 2003 , 101, 766-70	2.2	16
92	Changes in the lymph node microenvironment induced by oncostatin M. <i>Blood</i> , 2003 , 102, 1397-404	2.2	16
91	Discovery and characterization of actionable tumor antigens. <i>Genome Medicine</i> , 2019 , 11, 29	14.4	15
90	The perlecan fragment LG3 regulates homing of mesenchymal stem cells and neointima formation during vascular rejection. <i>American Journal of Transplantation</i> , 2015 , 15, 1205-18	8.7	15
89	Extrathymic T-lymphocyte development. <i>Experimental Hematology</i> , 2003 , 31, 349-54	3.1	15
88	Elimination of B-lineage leukemia and lymphoma cells from bone marrow grafts using anti-B4-blocked-ricin immunotoxin. <i>Journal of Clinical Immunology</i> , 1995 , 15, 51-7	5.7	15
87	Evaluation of in vitro cytotoxic T lymphocyte assays as a predictive test for the occurrence of graft vs host disease. <i>Immunogenetics</i> , 1991 , 34, 222-6	3.2	15

86	Unsuspected Fanconi's anemia and bone marrow transplantation in cases of acute myelomonocytic leukemia. <i>New England Journal of Medicine</i> , 1989 , 321, 120-1	59.2	15
85	Serum immunoglobulin levels following allogeneic bone marrow transplantation. <i>Blut</i> , 1985 , 51, 137-42		15
84	Massive activation-induced cell death of alloreactive T cells with apoptosis of bystander postthymic T cells prevents immune reconstitution in mice with graft-versus-host disease. <i>Blood</i> , 1999 , 94, 390-400	2.2	15
83	Allodepleted T-cell immunotherapy after haploidentical haematopoietic stem cell transplantation without severe acute graft-versus-host disease (GVHD) in the absence of GVHD prophylaxis. <i>British Journal of Haematology</i> , 2019 , 186, 754-766	4.5	14
82	Widespread and tissue-specific expression of endogenous retroelements in human somatic tissues. <i>Genome Medicine</i> , 2020 , 12, 40	14.4	14
81	T cell activation leads to protein kinase C theta-dependent inhibition of TGF-beta signaling. <i>Journal of Immunology</i> , 2010 , 185, 1568-76	5.3	14
80	Restoration of normal hematopoiesis by bone marrow ablation and allogeneic marrow transplantation in a case of Hodgkin's disease therapy-related preleukemia. <i>Blood</i> , 1983 , 61, 1275-1277	2.2	14
79	Therapy-induced preleukaemia in patients treated for Hodgkin's lymphoma: clinical and therapeutic relevance of sequential chromosome banding studies. <i>British Journal of Haematology</i> , 1984 , 58, 61-9	4.5	14
78	PSMB11 Orchestrates the Development of CD4 and CD8 Thymocytes via Regulation of Gene Expression in Cortical Thymic Epithelial Cells. <i>Journal of Immunology</i> , 2019 , 202, 966-978	5.3	14
77	Sequential analysis of early hematopoietic reconstitution following allogeneic bone marrow transplantation with fluorescence in situ hybridization (FISH). <i>Bone Marrow Transplantation</i> , 1996 , 17, 1143-8	4.4	14
76	Acute graft-versus-host disease prophylaxis with methotrexate and cyclosporine after busulfan and cyclophosphamide in patients with hematologic malignancies. <i>Blood</i> , 1993 , 81, 849-855	2.2	13
75	Immunoproteasomes Control the Homeostasis of Medullary Thymic Epithelial Cells by Alleviating Proteotoxic Stress. <i>Cell Reports</i> , 2017 , 21, 2558-2570	10.6	12
74	Detection of Quiescent Radioresistant Epithelial Progenitors in the Adult Thymus. <i>Frontiers in Immunology</i> , 2017 , 8, 1717	8.4	12
73	Analysis of blood stem cell activity and cystatin gene expression in a mouse model presenting a chromosomal deletion encompassing Csta and Stfa2l1. <i>PLoS ONE</i> , 2009 , 4, e7500	3.7	12
72	Relapse after bone marrow transplantation: evidence for distinct immunological mechanisms between adult and paediatric populations. <i>British Journal of Haematology</i> , 2000 , 109, 130-7	4.5	12
71	Allogeneic bone marrow transplantation following busulfan-cyclophosphamide with or without etoposide conditioning regimen for patients with acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 1993 , 85, 706-13	4.5	12
70	Acute graft-versus-host disease prophylaxis with methotrexate and cyclosporine after busulfan and cyclophosphamide in patients with hematologic malignancies. <i>Blood</i> , 1993 , 81, 849-855	2.2	12
69	Shaping the Repertoire of Cytotoxic T-Lymphocyte Responses: Explanation for the Immunodominance Effect Whereby Cytotoxic T Lymphocytes Specific for Immunodominant Antigens Prevent Recognition of Nondominant Antigens. <i>Blood</i> , 1999 , 93, 952-962	2.2	12

68	The origin and role of MHC class I-associated self-peptides. <i>Progress in Molecular Biology and Translational Science</i> , 2010 , 92, 41-60	4	11
67	Differential expression of SMAD3 transcripts is not regulated by cis-acting genetic elements but has a gender specificity. <i>Genes and Immunity</i> , 2009 , 10, 192-6	4.4	11
66	Evidence that donor intrinsic response to G-CSF is the best predictor of acute graft-vs-host disease following allogeneic peripheral blood stem cell transplantation. <i>Experimental Hematology</i> , 2006 , 34, 107-14	3.1	11
65	Thymic Mesenchymal Cells Have a Distinct Transcriptomic Profile. <i>Journal of Immunology</i> , 2016 , 196, 4760-70	5.3	11
64	Asynchronous differentiation of CD8 T cells that recognize dominant and cryptic antigens. <i>Journal of Immunology</i> , 2006 , 177, 8466-75	5.3	10
63	CD8 T-cell ability to exert immunodomination correlates with T-cell receptor: epitope association rate. <i>Biology of Blood and Marrow Transplantation</i> , 2005 , 11, 260-71	4.7	10
62	Interstitial deletion of the long arm of chromosome 5 (5q-) in leukemia and other hematological disorders: clinical and biological relevance of variable breakpoint patterns. <i>Leukemia Research</i> , 1986 , 10, 9-15	2.7	10
61	IFN- γ Enhances Constitutive Expression of MHC Class I Molecules on Thymic Epithelial Cells. <i>Journal of Immunology</i> , 2020 , 205, 1268-1280	5.3	10
60	Adoptive cancer immunotherapy: discovering the best targets. <i>Journal of Molecular Medicine</i> , 2002 , 80, 212-8	5.5	9
59	An Unbiased Linkage Approach Reveals That the p53 Pathway Is Coupled to NK Cell Maturation. <i>Journal of Immunology</i> , 2017 , 199, 1490-1504	5.3	8
58	Rejection of leukemic cells requires antigen-specific T cells with high functional avidity. <i>Biology of Blood and Marrow Transplantation</i> , 2014 , 20, 37-45	4.7	8
57	The mechanism of graft-host-tolerance in murine radiation chimeras transplanted across minor histocompatibility barriers. <i>Bone Marrow Transplantation</i> , 1989 , 4, 83-7	4.4	8
56	pyGeno: A Python package for precision medicine and proteogenomics. <i>F1000Research</i> , 2016 , 5, 381	3.6	8
55	A Roadmap Toward the Definition of Actionable Tumor-Specific Antigens. <i>Frontiers in Immunology</i> , 2020 , 11, 583287	8.4	8
54	Shaping the repertoire of cytotoxic T-lymphocyte responses: explanation for the immunodominance effect whereby cytotoxic T lymphocytes specific for immunodominant antigens prevent recognition of nondominant antigens. <i>Blood</i> , 1999 , 93, 952-62	2.2	8
53	MAPDP: A Cloud-Based Computational Platform for Immunopeptidomics Analyses. <i>Journal of Proteome Research</i> , 2020 , 19, 1873-1881	5.6	7
52	Cytogenetic characterization of primary refractory anemia. <i>American Journal of Hematology</i> , 1992 , 41, 241-81	4.8	7
51	Two host factors regulate persistence of H7-specific T cells injected in tumor-bearing mice. <i>PLoS ONE</i> , 2009 , 4, e4116	3.7	7

50	T LYMPHOCYTE RESPONSES TO MULTIPLE MINOR HISTOCOMPATIBILITY ANTIGENS GENERATE BOTH SELF-MAJOR HISTOCOMPATIBILITY COMPLEX-RESTRICTED AND CROSS-REACTIVE CYTOTOXIC T LYMPHOCYTES1. <i>Transplantation</i> , 1994 , 58, 59-66	1.8	7
49	The Origin and Immune Recognition of Tumor-Specific Antigens. <i>Cancers</i> , 2020 , 12,	6.6	7
48	Apoptotic exosome-like vesicles regulate endothelial gene expression, inflammatory signaling, and function through the NF- κ B signaling pathway. <i>Scientific Reports</i> , 2020 , 10, 12562	4.9	6
47	Lymphoma cell burden in progenitor cell grafts measured by competitive polymerase chain reaction: less than one log difference between bone marrow and peripheral blood sources. <i>Blood</i> , 1998 , 91, 331-9	2.2	6
46	Major multilevel molecular divergence between THP-1 cells from different biorepositories. <i>International Journal of Cancer</i> , 2020 , 147, 2000-2006	7.5	5
45	The role of MHC-associated self-peptides in transplantation and immunosurveillance. <i>Clinical Immunology and Immunopathology</i> , 1994 , 71, 130-5		5
44	14q+ abnormality with probable t(8;14)(q24;q32) in a young Haitian immigrant with acquired immunodeficiency syndrome and concomitant Burkitt's-like lymphoma. <i>Cancer Genetics and Cytogenetics</i> , 1985 , 17, 283-8		5
43	Studies of immunologic tolerance to host minor histocompatibility antigens following allogeneic bone marrow transplantation in mice. <i>Bone Marrow Transplantation</i> , 1990 , 6, 127-35	4.4	5
42	Acute graft-versus-host disease prophylaxis with methotrexate and cyclosporine after busulfan and cyclophosphamide in patients with hematologic malignancies. <i>Blood</i> , 1993 , 81, 849-55	2.2	5
41	pyGeno: A Python package for precision medicine and proteogenomics. <i>F1000Research</i> , 2016 , 5, 381	3.6	5
40	The Genomic Landscape of Antigenic Targets for T Cell-Based Leukemia Immunotherapy. <i>Frontiers in Immunology</i> , 2019 , 10, 2934	8.4	5
39	Qualitative Changes in Cortical Thymic Epithelial Cells Drive Postpartum Thymic Regeneration. <i>Frontiers in Immunology</i> , 2019 , 10, 3118	8.4	3
38	Identification of two distinct intracellular localization signals in STT3-B. <i>Archives of Biochemistry and Biophysics</i> , 2006 , 445, 108-14	4.1	3
37	Bone-Marrow Transplantation in Therapy-Related Preleukemia. <i>New England Journal of Medicine</i> , 1983 , 308, 777-778	59.2	3
36	Treatment of therapy-induced preleukemic syndrome. <i>Blut</i> , 1984 , 48, 117-20		3
35	Congenital T cell deficiency with neutropenia and erythroblastopenia. Correction following allogeneic bone marrow transplantation. <i>Transplantation</i> , 1985 , 39, 321-3	1.8	3
34	Reduction in Incidence of Severe Infections by Transplantation of High Doses of Haploidentical T Cells Selectively Depleted of Alloreactive Units. <i>Blood</i> , 2011 , 118, 3020-3020	2.2	3
33	Acute graft-versus-host disease after allogeneic bone marrow transplantation. <i>Cmaj</i> , 1983 , 129, 969-74		3

32	Major vs minor histocompatibility antigens. <i>Blood</i> , 2017 , 129, 664-666	2.2	2
31	Another look at maternal inspired oxygen concentration during cesarian section. <i>Canadian Journal of Anaesthesia</i> , 1990 , 37, S118	3	2
30	Factorized embeddings learns rich and biologically meaningful embedding spaces using factorized tensor decomposition. <i>Bioinformatics</i> , 2020 , 36, i417-i426	7.2	2
29	PSMB11 regulates gene expression in cortical thymic epithelial cells. <i>Cell Reports</i> , 2021 , 36, 109546	10.6	2
28	In search of immunodominant minor histocompatibility antigens. <i>Biology of Blood and Marrow Transplantation</i> , 2013 , 19, 171-2	4.7	1
27	Graft-host tolerance in bone marrow transplant chimeras. Absence of graft-versus-host disease is associated with unresponsiveness to minor histocompatibility antigens expressed by all tissues. <i>Blood</i> , 1994 , 84, 3221-3228	2.2	1
26	UM171-Expanded Cord Blood Transplants Support Robust T-Cell Reconstitution with Low Rates of Severe Infections. <i>Blood</i> , 2020 , 136, 36-37	2.2	1
25	Epidural alfentanil during labor, in association with a continuous infusion of bupivacaine. <i>Canadian Journal of Anaesthesia</i> , 1990 , 37, S5	3	1
24	T lymphocyte responses to multiple minor histocompatibility antigens generate both self-major histocompatibility complex-restricted and cross-reactive cytotoxic T lymphocytes. <i>Transplantation</i> , 1994 , 58, 59-67	1.8	1
23	Lymphoma Cell Burden in Progenitor Cell Grafts Measured by Competitive Polymerase Chain Reaction: Less Than One Log Difference Between Bone Marrow and Peripheral Blood Sources. <i>Blood</i> , 1998 , 91, 331-339	2.2	1
22	Les miracles au pñil de la science1. <i>Revue De Psychoéducation</i> , 2017 , 46, 193-221	0.2	1
21	UM171-Expanded Cord Blood Transplants Support Robust T Cell Reconstitution with Low Rates of Severe Infections. <i>Transplantation and Cellular Therapy</i> , 2021 , 27, 76.e1-76.e9		1
20	Immunopeptidomic analyses of colorectal cancers with and without microsatellite instability.. <i>Molecular and Cellular Proteomics</i> , 2022 , 100228	7.6	1
19	Killer granzyme B linked to N-myc- and c-myc-dependent HSC survival: isn't that comyc?. <i>Cell Stem Cell</i> , 2008 , 3, 579-80	18	0
18	Sensing tissue damage. <i>Blood</i> , 2012 , 119, 4346-7	2.2	
17	Fitness without exhaustion. <i>Blood</i> , 2011 , 117, 1776	2.2	
16	Questions arising from "genome duplication and T cell immunity". <i>Progress in Molecular Biology and Translational Science</i> , 2010 , 92, 37; discussion 38-9	4	
15	Response to Questions. <i>Progress in Molecular Biology and Translational Science</i> , 2010 , 62-64	4	

14 MINOR HISTOCOMPATIBILITY ANTIGENS **2000**, 454-468

13 The role of host bone marrow-derived cells in graft-versus-host disease. *International Journal of Cell Cloning*, **1986**, 4, 189-190

12 Bone marrow transplantation in chronic myelogenous leukemia: Discriminating between good and standard risk patients in chronic phase. *International Journal of Cell Cloning*, **1986**, 4, 210-214

11 Critical issues in bone marrow transplantation immunology. *Bone Marrow Transplantation*, **1991**, 7 Suppl 1, 24-5 4.4

10 CAMAP: Artificial neural networks unveil the role of codon arrangement in modulating MHC-I peptides presentation. *PLoS Computational Biology*, **2021**, 17, e1009482 5

9 A Phase I Study with Long-Term Follow-Up of Autologous Stem Cell Transplantation Using Photodynamic Treatment of Marrow Grafts for Relapsed/Refractory Acute Leukemia.. *Blood*, **2005**, 106, 2201-2201 2.2

8 The MHC I Immunopeptidome Is Moulded by the Transcriptome and Conceals a Tissue-Specific Signature.. *Blood*, **2007**, 110, 1327-1327 2.2

7 Graft-host tolerance in bone marrow transplant chimeras. Absence of graft-versus-host disease is associated with unresponsiveness to minor histocompatibility antigens expressed by all tissues. *Blood*, **1994**, 84, 3221-3228 2.2

6 Second regard sur le processus d'évaluation par les pairs1. *Revue De Psychoéducation*, **2017**, 46, 223-238 0.2

5 Novel Photodepletion Strategy to Preserve and Expand Tregs While Eliminating CD4+ Effector T Cells From Patients with Chronic Graft-Versus-Host Disease. *Blood*, **2010**, 116, 353-353 2.2

4 Mechanisms and Implications of Immunodominance in CD8+ T-Cell Responses **2011**, 195-206

3 The Function of Thymic Innate TCR α CD8+ T Cells Is Regulated by Constitutive Expression of B7-H1. *Blood*, **2010**, 116, 955-955 2.2

2 Development of a Novel Method for in Vitro Analysis of CD8 Thymocyte Selection and Maturation,. *Blood*, **2011**, 118, 3235-3235 2.2

1 Discovering Optimal Targets for Adoptive T-Cell Immunotherapy of Leukemia.. *Blood*, **2012**, 120, 3016-3016